



# NEW JERSEY

*Annual Report & Agricultural Statistics*



# New Jersey Agriculture

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## Our Mission:



To promote and provide high quality, nutritious, abundant, safe and affordable food and other agricultural products; improve the economic viability of the agricultural industry and foster opportunities for farm profitability; preserve and protect agricultural and natural resources; and provide leadership and excellence in services to New Jersey agriculture and the general public.



# A Message From Secretary Douglas H. Fisher



This year's reporting shows a substantial increase in agricultural NASS gross sales in the Garden State, up 7.4 percent to \$1.12 billion – the highest on record. This is a testament to our hard-working, innovative farmers.

Regardless of what comes our way because of weather, market conditions, resources availability or regulatory forces, New Jersey farmers continue to thrive in a state thirsting for fresh and local offerings.

Just as there are every year challenges that pop up, both expectedly and unexpectedly, that test our fortitude, our farmers' extraordinary talents helped them to overcome such weather events as frost, drought and a hurricane in 2012.

We have had many accomplishments this past year, including providing expanded services in our new Animal Health and Plant Industry laboratory; reaching 200,000 permanently preserved acres; expanding the Jersey Grown program to include annual bedding plants; facilitating healthier school meal options; and so many more outlined in the pages ahead.

While we have accomplished much, we look forward to continuing to provide the highest level of service to our agriculture community and every New Jersey resident in the coming year, as we focus on supporting our farmers, who produce the finest, premier crops and livestock in the country.



# 2012-2013 New Jersey State Board of Agriculture



**James Giamarese**  
President  
Middlesex County  
*Vegetable Industry*



**Dr. Lewis J. DeEugenio Jr.**  
Vice President  
Gloucester County  
*Fruit Industry*

The State Board of Agriculture, comprising eight members, is the policy-making body of the New Jersey Department of Agriculture. Its members serve for four years, with two members being replaced each year. By law, at least four of its members must represent the top commodity groups in the state. Members serve without salary.



**Hugh McKittrick**  
Board Member  
Monmouth County  
*Nursery Industry*



**Francisco Allende**  
Board Member  
Burlington County  
*Fruit Industry*



**Robert Swanekamp**  
Board Member  
Monmouth County  
*Nursery Industry*



**Richard A. Norz**  
Board Member  
Somerset County  
*Hay/Grain Industry*



**Martin Bullock**  
Board Member  
Monmouth County  
*Hay/Grain Industry*



**Marilyn Russo**  
Board Member  
Burlington County  
*Vegetable Industry*



*Board President James Giamarese addresses Deputy USDA Secretary Kathleen Merrigan at a farmers' roundtable in Monroe Township in October 2012.*



*Board member Hugh McKittrick with Secretary Fisher celebrating the 100<sup>th</sup> anniversary of Delicious Orchards in Colts Neck in January 2012*

Learn more about the State Board of Agriculture at:  
[www.nj.gov/agriculture/about/sba/](http://www.nj.gov/agriculture/about/sba/)



# 2012 Highlights

**Welcomed Governor Christie to the 2012 NJ State Agricultural Convention:** The Department opened the year with its annual state agricultural convention and the support of New Jersey Governor Chris Christie. He addressed the convention delegates and guests at the annual Delegates Dinner on January 19.

**Facilitated Lt. Governor Agribusiness Tour:** A great supporter of New Jersey agriculture, Lt. Governor Kim Guadagno embarked on an eight-stop Agribusiness Tour in August, to highlight the importance of the industry to the state's economy. Lt. Governor Guadagno, along with Secretary Fisher, visited First Field in Rocky Hill; Comarco Products in Camden; Griggstown Quail Farm in Franklin Township; Chia Sin Farms in Pittstown; Seabrook Brothers and Sons in Upper Deerfield; and Readington River Buffalo Farm in Readington. Assistant Secretary Al Murray joined the Lt. Governor at Viking Village in Barnegat Light to showcase the vibrant commercial fishing industry in the state. Guadagno also visited Tomasello Winery in Hammonton for insight on the state's growing wine industry.

**Moved to New Laboratory Facilities:** After several years of construction, the Department's Animal Health Diagnostic and Plant Industry Laboratories moved to a new state-of-the-art facility in West Trenton. The Divisions of Animal Health and Plant Industry also relocated their offices there. The new facility has given the Department labs many more capabilities to serve New Jersey.

**Hosted USDA Officials:** Secretary Fisher joined USDA Deputy Secretary of Agriculture Kathleen Merrigan in October when she stopped by Etsch Farms in Monroe Township to speak with local farmers. Merrigan gathered information about the farmers' concerns to bring back to Washington. In May, USDA Food and Nutrition Service Administrator Audrey Rowe Regional Food and Nutrition Service Administrator Patricia Dombroski and Secretary Fisher visited first-graders at John G. Whittier Elementary School in Camden to see the Fresh Fruit and Vegetable Program in action. Rowe is the nation's top official for school nutrition programs. In January, USDA Under Secretary of Agriculture Michael Scuse addressed the state agricultural convention on the many efforts USDA is making to streamline the crop insurance process, improve and expand coverage, and, in the case of disaster, to expedite payment of claims.



## **Conducted Emergency Response Activities:**

**Hurricane Sandy --** As Hurricane Sandy bore down on New Jersey, the Department swung into action, immediately setting up a web page with vital information and issuing basic preparedness steps to protect livestock and pets. Animal-friendly shelters and livestock sheltering locations were identified. Social media was used, as well to disseminate the information. The Department's website experienced a 27 percent increase in hits over the previous October and a 21 percent increase in hits over the previous November. The Department responded to farmer requests for water and power sources and delivered emergency food to food banks to provide meals at congregate feeding sites. Working with USDA, additional household emergency food was provided. The Department worked with its partners to assess the type of damage sustained by farmers and fishermen and compiled information to help get those producers on the road to recovery.

**March Freeze --** The Department worked with the state Environmental Commissioner to allow farmers to conduct controlled open burning or use specialized torches to protect flowering crops from being damaged when temperatures fell below freezing on March 26 and 27. The freeze came following a period of higher than normal temperatures, causing fruit trees and bushes to bloom early. While there were losses, the quick action helped to save some crops.

**NJDA Emergency Response Team --** Acknowledging the Department plays a pivotal role in emergency management in New Jersey during storms and disasters, an NJDA Emergency Response Team was created and trained in 2012. Made up of employee volunteers, the group was trained to staff the state's Emergency Operations Center in West Trenton, which proved helpful when the center was activated in October prior to Hurricane Sandy. Team members staffed the center around the clock for the critical period before, during and after the storm and helped coordinate response and relief efforts.

## Division of Agricultural and Natural Resources

### ***Began Utilizing Aquaculture Development Zones:***

Secretary Fisher and Department of Environmental Protection officials visited an oyster production area in the Delaware Bay in September, made possible by a joint effort of the Departments of Agriculture and Environmental Protection. The oyster production by private businesses is taking place in Aquaculture Development Zone – 4. The expanded utilization of Aquaculture Development Zones (ADZ) was a key recommendation in the Aquaculture Development Plan Update, *Opportunities and Potential for Aquaculture in New Jersey*, released by the Department of Agriculture and the state Aquaculture Advisory Council in December 2011. Four Aquaculture Development Zones were established six years ago but have not been in use until recently, due to uncertainty over permitting. Through the commitment of the Department of Environmental Protection's Bureau of Shellfisheries and the New Jersey Shellfisheries Council, much of the regulatory uncertainty has been removed. ADZ-4 expands the oyster production techniques that produce gourmet oysters for the half-shell raw bar market. Twelve individuals have secured leases and are currently in production in ADZ-4. ADZ-4 alone could double New Jersey's current aquaculture production value of \$6.6 million over the next two years.

***Amended Technical Standards:*** The Technical Standards for the Soil Erosion & Sediment Control Program were modified in accordance with recent changes made to the law calling for technical amendments to the Standards to improve the quality of soils on newly proposed development sites across New Jersey. Changes included specific requirements for soil organic matter content and maximum bulk density of soils prior to stabilization with vegetation. Other changes to the Standards, unrelated to changes required by the law, include general edits and clarifications, reorganization, and improved methods to stabilize water channels on steep slopes, and specific methods to establish native vegetation in the New Jersey Pinelands National Reserve.

***Conducted Outreach Campaign on Animal Waste Management:*** An outreach effort was conducted to again alert animal operations about the March deadline for developing and implementing animal waste management plans as required by the Animal Waste Management Rules. A poster was distributed and displayed along with a descriptive flyer and the electronic CD for plan development at various agricultural offices and business outlets. Animal Waste Management/Non-Point Source Pollution Control Grants were offered to organizations to assist in the outreach and education effort. A grant was awarded to Rutgers Cooperative Extension of Salem County

***The Division of Agricultural and Natural Resources*** is responsible for a variety of services and programs that maintain and enhance the viability of New Jersey agriculture and related agribusinesses. It provides interagency coordination and assistance in the development of policy positions on land use planning issues and represents the Department on the State Planning Commission and its subcommittees. It is fully engaged in the Highlands Regional Master Plan process. It administers programs to conserve soil, water and related natural resources through the State Soil Conservation Committee and the 15 local soil conservation districts and provides and oversees the administration of financial cost-share assistance to farmers for soil and water conservation projects. The Division works cooperatively with state and federal agencies in the development of the aquaculture industry in New Jersey and administers the Agricultural Education Program, which reaches more than 2,500 students throughout the state.

for a Precision Feed Management Plan for the dairy and livestock industry and to North Jersey Resource Conservation and Development Council to facilitate the establishment of a regional on-farm composting facility for equine owners.

### ***Hosted Chinese Agricultural Education Delegation:***

Secretary Fisher and the Department greeted 20 agricultural educators visiting from China in December to learn more about Garden State agriculture and agricultural education. Their tour included stops at high schools and post-secondary schools and visits with Rutgers agricultural extension agents across the state. The program was established to exchange information between educators and could lead to a future student exchange program.

***Held New Jersey Envirothon:*** For the third year in a row, the Marine Academy of Technology and Environmental Sciences (MATES) in Manahawkin was the winner of the New Jersey Envirothon, held May 5 in Farmingdale. The students competed against 32 other teams on knowledge of natural resources-related topics, including soils, forestry, aquatics, wildlife ecology and a current environmental issue. Each of the MATES team members received \$1,000 scholarships from the New Jersey Association of Conservation Districts. The team went on to represent New Jersey in the 2012 Canon Envirothon at Susquehanna University in PA in July, placing 8<sup>th</sup> out of 54 teams.

### ***Established Stormwater Detention Basin Database:***

The Department and Soil Conservation Districts (SCDs) received a \$280,000 grant to help fund the input of almost 20 years of engineering data into a new web-based system developed to store and retrieve detailed hydrologic engineering data from previous and new development projects. The data can be used for modeling and water resources analysis. Department, NJDEP and SCD's participated in a half-day training session at Rutgers University on the use of the web-based database for storing hydrologic data associated with stormwater management structures.



## Division of Animal Health

### ***Responded to Animal Needs in Hurricane Sandy:***

Before the hurricane arrived in New Jersey, the Department issued preparedness information for livestock and pet owners and facilitated a conference call with the County Animal Response Teams as the Offices of Emergency Management activated them to assist with pet sheltering for evacuees. Following the storm, daily conference calls were held with the animal emergency first responders, allowing the Department to address their needs, arrange for sharing of resources between counties and provide support. When it was apparent that there were many pets left behind in the storm, the Department facilitated the establishment of a pet rescue hotline, which enabled the rescue of between 400 and 600 animals. About 1,000 animals were sheltered during the storm, mostly through volunteer workers.



### ***Expanded Testing Capability with Move to New Laboratory Facility:***

The Division and Animal Health Diagnostic Laboratory (AHDL) moved from Trenton to the new New Jersey Public Health, Environmental, and Agricultural Laboratories (NJPEAL) facility in Ewing on March 27. The move has enabled the AHDL to expand its services. Some new capabilities include: a state-of-the-art necropsy lab; specialized laboratory space to handle select agents, dangerous pathogens, and highly toxic chemicals, increasing the lab's capacity to respond to high consequential animal diseases like avian influenza, foot-and-mouth-disease and classical swine fever; and research space to discover next generation tests and reagents to fight emerging diseases. More than 27,000 tests were performed by the NJ AHDL during the 2012 calendar year.

*The Division of Animal Health governs programs protecting the health and well-being of livestock, ensure the safety and security of the commercial food supply, national and international trade and the economy. It operates an animal health diagnostic laboratory to support animal disease-control programs protecting animals and NJ agriculture. During disasters, the DAH represents the Department as the NJ Emergency Support Function #11 Lead for animal, agriculture, and food. The Division is active in disaster preparedness and response, including efforts of the Animal Emergency Working Group to develop animal emergency response plans. Ongoing issues include implementing the Humane Standards for care of livestock, surveillance and response to the potential of an Avian Influenza outbreak, as well as other diseases impacting cattle, horses, sheep, goats, pigs, poultry, aquaculture, and other animals raised for fiber and fur.*

### ***Embarked on Study of Animal Emergency First Response:***

A County Animal Response Team (CART) Development Working Group in May hired a company to conduct a study to evaluate the readiness levels of the CARTs and create a template for developing a CART in New Jersey. The group used a federal homeland security grant to start the process for the study to help standardize procedures and forms to better equip CARTs to assist those in other counties, allow for regionalization and increase the state's capabilities in terms of animal emergency response. The company will draft suggested wording to modify the law providing for CARTs to reflect those changes. It also will take into account the practical knowledge gained during the Hurricane Sandy response when drafting its materials.

### ***Responded to Increase in EEE and WNV Occurrences:***

The Department urged horse owners to vaccinate their animals against the mosquito-borne diseases of Eastern Equine Encephalitis (EEE) and West Nile Virus (WNV) after six horses contracted EEE and four horses were confirmed for West Nile Virus. EEE causes inflammation of the brain tissue and has a significantly higher risk of death in horses than West Nile Virus infection. West Nile virus is a viral disease that affects horses' neurological systems. The disease is transmitted by mosquito bite. In 2011, there was one case each of EEE and WNV.

### ***Trained Animal Emergency First Responders:***

The 14<sup>th</sup> annual Animal Emergency Working Group Symposium was held in March during which County Animal Response Teams reviewed their activities during Hurricane Irene and subsequent flooding. Several CARTs were activated during the storm, helping to evacuate livestock and pets, setting up emergency shelters, giving guidance to owners and responding to power outages. The personnel also were trained on setting up a mobile pet shelter.

## Division of Food and Nutrition

**Provided Emergency Food During Hurricane Sandy Response:** Emergency food inventories were prepared for release as Hurricane Sandy pummeled New Jersey at the end of October. This USDA food was used by Community Food Bank of New Jersey in Hillside to prepare 15,000 meals per day for 5 days at congregate feeding sites. In addition, the Department received seven truckloads of USDA foods for household distribution in mid-November. The foods were assembled into 6,000 nutritionally-balanced packages to feed families of three for 6 days and were distributed to households in Bergen, Essex, Hudson, Union, Somerset, Middlesex, Monmouth, Ocean, Atlantic and Cape May counties.

**Facilitated Healthier School Meal Options:** The Division assisted schools in the implementation of Healthy Hunger-Free Kids Act school lunch regulations, which required more fruits and vegetables and whole grains, fat-free or low-fat milk, fat-free flavored milk and strict limits on saturated fat and portion size. The Division certified schools to receive an additional 6-cents-per-meal reimbursement. Secretary Fisher, USDA Food and Nutrition Service Regional Administrator Patricia Dombroski and Division Director Rose Tricario attended new meal tastings at schools in Secaucus and Montclair.

**Received Direct Certification Grant:** New Jersey was one of four states awarded a USDA grant to increase enrollment in the National School Lunch and Breakfast Programs. The \$206,857 was targeted at improving the Direct Certification system, in which students from households already participating in the Supplemental Nutrition Assistance Program (SNAP) are automatically enrolled in the free meals program at their schools without having to fill out additional applications.

**Distributed Additional Hunger Funding:** The Department in November presented the state's six food banks with \$58,223, the first distribution of the Community Food Pantry Fund, representing two years of contributions through a state income tax form check-off program. The funds are to be used only for emergency food purchases. The Department joined with the N.J. Department of Community Affairs to announce in September the awarding of \$225,610 in Community Services Block Grant (CSBG) funding to the six major food banks in the state. The grants helped the food banks better distribute and store donated food, including Jersey Fresh fruits and vegetables, so that more individuals in need could be served.

**Awarded Gleaning Grants:** The Department awarded a \$100,000 Gleaning Support Grant in December to Farmers Against Hunger, which serves 7,000 people weekly during the growing season through 70 organizations, including

*The Division of Food and Nutrition operates programs providing millions of pounds of federally donated food annually to schools, institutions, summer camps, day care centers and those most in need. The Division administers the federal School Lunch and Breakfast Programs and works with the Department of Defense to provide nutritious fresh fruits and vegetables to schools. The Division administers a School Nutrition/Wellness Policy, which sets nutritional standards. Ongoing issues include administering increased food-purchase funding and working with gleaning organizations to serve hundreds of food pantries, homeless shelters and soup kitchens throughout New Jersey.*

soup kitchens, food pantries and the state's food banks. Farmers Against Hunger will use the grant money for transportation and administrative costs to deliver more gleaned or farmer-donated produce. The funding for the grants comes from the State Food Purchase Program, for which Governor Christie allocated \$6.8 million dollar this year to be distributed quarterly to the state's six food banks to purchase healthy food, with a high priority on buying locally grown produce from New Jersey farmers.

**Received Team Nutrition Training Grant:** The Department received a \$324,151 USDA Team Nutrition Training Grant in September that will be used to plant school gardens, help students make healthier food choices and train personnel on a variety of wellness issues. The Department will work with Rutgers Cooperative Extension's Department of Family and Community Health Sciences on the two-year grant project, continuing the mission of a similar Team Nutrition Training Grant received in 2010. However, the most recent grant will include child care centers, as well as elementary schools. Up to 16 sites will be chosen to participate in the project.

**Advanced Farm to School Efforts:** The second annual Jersey Fresh Farm to School Week was held in September, during which the first School Garden of the Year Award was given to Eugene A. Tighe Middle School and William H. Ross Elementary School in Margate City. The first Jersey Fresh Farm to School calendar was created for 2013. In addition, the Department received \$3.89 million in federal funding for the 2012-13 Fresh Fruit and Vegetable Program, which emphasizes Jersey Fresh purchases for the 155 participating schools.

**Promoted Summer Food Service Program:** The Department released a video to promote the Summer Food Service Program, which had 98 sponsoring organizations with 1,100 feeding sites around the state in 2012. A kick-off event was held in Perth Amboy in July.

**Kicked off Seventh Year of Eat Right, Move More Program with NY Jets:** Secretary Fisher and Jets Offensive Tackle D'Brickashaw Ferguson visited grand prize winner West New York P.S #4 in November. Four other winning schools will receive visits from Jets players in the spring.



## Division of Marketing and Development

**Awarded Specialty Crop Block Grants:** Thirteen initiatives were awarded \$816,127 in Specialty Crop Block Grants for 2013 by the U.S. Department of Agriculture. Projects will benefit the fruit, vegetable, horticulture and nursery industries. Specialty crops account for \$882.4 million in sales annually in the Garden State. The N.J. Department of Agriculture will use a portion of the funding to support the popular Jersey Fresh and Jersey Grown programs. A majority of the projects include agricultural marketing and cooperative development, as well as research.

**Partnered with NJDOT on Agritourism Sign Program:** The Department teamed up with the N.J. Department of Transportation to promote the use of Tourist Oriented Destination Signs by agritourism operations. The two agencies worked together to tailor the program to the needs of agritourism in an effort to help those businesses build their base of regular customers and attract a higher number of tourists. The new regulations allow agritourism businesses to place signs on state highways up to 10 miles from their location, and the operations can be several turns off of those roadways if there is a chain of signage leading to the facilities. The businesses must be open a minimum of six hours each day, five days a week during their growing or operating season. There is an annual fee of \$400 for each sign.

**Added New Farmers Markets:** The number of community farmers markets rose to 155 in 2012, up from just 35 in 2001. The markets could be found in cities and suburbs, bringing Jersey Fresh produce to those who might not have access to it otherwise. There were 224 farmers participating in the WIC and Senior Farmers Market Nutrition Program, accepting vouchers for produce. Some farmers also were able to take Supplemental Nutrition Assistance Program (SNAP) electronic benefit transfer cards as payment.

**Expanded Jersey Grown Program to Include Annual Bedding Plants:**



The Department expanded the Jersey Grown horticultural promotion program to include annual bedding plants if they are grown in New Jersey and meet or exceed the Department's standards. Jersey Grown indicates a high-quality product that is disease and pest-free and accustomed to the state's growing conditions. Floriculture is big business in New Jersey, accounting for \$179.6 million in sales in 2011. Bedding and garden plants were the largest contributor, bringing in \$107.7 million in revenue. New

**The Division of Marketing and Development** administers inspection programs for eggs, milk, fresh fruits and vegetables, and other items, including feed and fertilizer. It oversees the Jersey Fresh quality grading and promotion campaign for fruits and vegetables, as well as the Jersey Grown program for ornamental plants, the Jersey Seafood program for fish and shellfish, and the Jersey Bred program for equine. The Division also works to develop regional, national, and international markets for agricultural products. Helps organize and support urban Community Farmers Markets, bringing fresh produce to downtowns and shortening the market chain between producers and consumers. It protects farmers through the licensing and bonding program, administers the state's dairy program, administers the Sires Stakes horse-racing program, and works to promote pleasure horse breeding programs.

Jersey ranked seventh in the nation in expanded wholesale value of floriculture crops.

**FSMIP Grant:** The Department received a \$62,713 grant to continue work begun on a project to make processed food out of Jersey Fresh agricultural products for use in the National School Lunch and Breakfast program. Some products have already been developed and the Federal-State Marketing Improvement Program grant will help bring the products to market.

**Promoted NJ Seafood Industry Through Seafood Cook-off:** Eight New Jersey seafood chefs participated in the 2012 Jersey Seafood Challenge at the Governor's mansion, Drumthwacket, on June 21. Demetrios Haronis, Executive Chef of Fin at the Tropicana Casino Hotel in Atlantic City, was the winner for his signature dish that featured Jersey beer-battered soft-shell crab. As the champion, Haronis represented New Jersey at the Great American Seafood Cook-off in New Orleans in August, placing fourth. For the past five years, New Jersey chefs have finished in the top six in the nation in that competition.

**Informed Consumers NJ Wineries Shipping for Holiday Season:** Governor Christie signed into law in January a bill permitting direct shipping by New Jersey wineries, joining 38 other states in the nation that allow small wineries to mail their products to customers. New Jersey has 45 licensed wineries and 25 have begun shipping within New Jersey and into other states. Many others are gearing up for direct shipping in 2013.

**Celebrated the NJ Equine Industry during the Month of the Horse:** The Department kicked off the Month of the Horse in June with a visit to Rutgers Equine Science Center in New Brunswick to highlight the many resources the center offers and all the unique equine activities and facilities in the state – from horse racing and breeding to show competitions or trail riding. The state's equine industry is valued at \$4 billion and generates \$1.1 billion in positive impact to the state's economy.

## Division of Plant Industry

**Moved to New Jersey Public Health, Environmental and Agriculture Laboratory:** In 2012, the Division moved to the newly constructed NJPHEAL, located within the State Police Headquarters Complex in Ewing. State-of-the-art microscopes produce detailed images of plant, seed, and insect specimens. With these images, the Department can rapidly collaborate with experts all over the world to identify specimens and diagnose problems more accurately than ever before. Updated analytical equipment can evaluate animal feed, fertilizers, and liming materials to ensure accurate labeling, or for the presence of possible harmful toxins. The laboratory also includes various growth chambers, seed germinators and a greenhouse to support analysis and evaluation of seed quality, and the detection and identification of crop and ornamental plant pests and diseases. The flexible design of the laboratory allows for easy configuration to meet future testing needs in support of the state's agricultural industries.

**Collaborated with NJDEP on State's Mosquito Control Efforts:** In June, the Department joined with the N.J. Department of Environmental Protection to showcase the second year the NJDA's Phillip Alampi Beneficial Insect Rearing Laboratory bred *Macrocyclus albidus*, commonly known as copepods, for use in the DEP's Mosquito Control Program. Secretary Fisher helped release the tiny, shrimp-like crustaceans with a hearty appetite for mosquito larvae into a waterway in Cape May County. A total of 80,000 of the mosquito predators were reared in 2012 at PABIL and released over the course of the season in Morris, Passaic, Bergen, Cape May, Burlington and Ocean counties. This effort is important to agriculture because mosquito-borne diseases such as Eastern Equine Encephalitis and West Nile Virus can be deadly to horses.

**Promoted Local Honey by Visiting Jersey City Hotel Rooftop Hives:** In the Department's ongoing effort to encourage urban beekeeping and the purchase of local honey, Secretary Fisher in April visited two beehives with 36,000 bees placed on the roof of the Hyatt Regency Hotel in Jersey City. The hives, courtesy of beekeeper Joe Lelinho of Hilltop Honey, North Caldwell, were part of the hotel's initiative to incorporate local honey into the menus at their on-site restaurant, Vu.

**Invasive Pest Public Service Announcement:** The Division produced a public service message that was distributed to radio stations throughout the state enlisting the help of residents in identifying tree-killing invasive

*The Division of Plant Industry provides disease and pest protection for food and ornamental crops, forests and other plant resources through detection, control and eradication. It also works to enhance marketability of New Jersey-grown plant products, through annual inspections of nurseries and plant dealers. The Division also operates the Alampi Beneficial Insect Laboratory, where insects are bred to control pests and diseases without the use of pesticides. Ongoing major issues include the effort to eradicate the Asian longhorned beetle, continuing to suppress the gypsy moth population and ensuring sufficient honeybee colonies for plant and crop pollination.*

forest pests. The PSA, which focused on Asian longhorned beetle and Emerald Ash Borer, aired at a time when those damaging pests would have been active in New Jersey.

**Continued Gypsy Moth Suppression Efforts:** No Gypsy Moth Aerial Spray Program was necessary in 2012. Surveys in late 2011 showed no areas with a high enough concentration of gypsy moth populations to qualify for the program. Tree defoliation in 2012 was very low, with only 1,068 acres of trees in 21 municipalities in 10 counties receiving moderate to heavy damage from the leaf-munching invasive pests -- the lowest recorded defoliation since the Department's Gypsy Moth Suppression Program began in 1970. Tree damage was found in Atlantic, Burlington, Cape May, Gloucester, Hunterdon, Monmouth, Ocean, Salem, Sussex and Warren counties. The most damage seen was in Mullica Township in Atlantic County, which had 344 acres of mostly moderate defoliation. Fighting the gypsy moth problem in a multitude of ways and partnering with the NJDEP, counties, municipalities and the military bases led to the lowest populations of the damaging insect in the 42-year history of the program. Intense surveillance will continue.

**Conducted Extensive Invasive Pest Survey:** No Emerald Ash Borers were detected in New Jersey during the 2012 survey in 11 counties around the state. The Department, along with the NJDEP and USDA APHIS, deployed 389 traps. EAB has been detected very close to the Garden State's borders in Pennsylvania and New York. The elusive pest can kill ash trees within two years of infestation.

**Conducted Honey Bee Survey:** The apiary program was selected to participate in the National Honey Bee Survey. Sampling took place at 25 New Jersey Apiaries for the USDA. This survey was conducted in 25 states to determine the presence of pests, viruses and diseases and to give policy makers and researchers a good idea as to the health of the beekeeping industry. It also will give participating beekeepers a profile and national ranking of the health of their apiaries.



# State Agriculture Development Committee

**Marked New Farmland Preservation Milestone:** The State Farmland Preservation Program in September reached a major milestone with the preservation of the 200,000th acre of farmland under the program. The State Agriculture Development Committee (SADC) hosted an event at Cassaday Farms in Upper Pittsgrove Township, Salem County, where Secretary Fisher joined farmland preservation partners from across the state to announce the achievement. A total of 2,146 farms covering 201,000 acres had been permanently preserved by year's end, including 89 farms covering nearly 12,000 acres in the Pinelands and 450 farms covering approximately 37,000 acres in the Highlands.

**Preserved Former Princeton Nurseries:** The SADC in August closed on the preservation of 847 acres of farmland on the former Princeton Nurseries property in Central New Jersey as part of one of the largest joint preservation projects in the history of the Farmland Preservation and Green Acres programs. The project, which also included county, local and nonprofit participation, resulted in the preservation of nearly 1,900 acres in Monmouth, Burlington and Mercer counties for open space and farmland preservation purposes.

**Legislature Authorized New Funding:** The SADC's FY2013 appropriation request for \$83.1 million to continue farmland preservation efforts was approved by the Garden State Preservation Trust in November, and the Legislature passed appropriations bills in December. The bills – awaiting the Governor's signature in early 2013 – will utilize the remaining 2009 bond funds that had been approved by voters for farmland preservation purposes.

**Advanced Renewable Energy Rules:** The SADC in September proposed new rules for solar energy generation on preserved farms pursuant to N.J.S.A. 4:1C-32.4. That law required the SADC to develop rules that address both solar and wind energy generation on preserved farms, and right-to-farm protection for solar and wind energy generation systems on commercial farms. The SADC is expected to adopt final rules for solar energy on preserved farms in early 2013. The SADC in 2011 had adopted an agricultural management practice (AMP) for solar energy generation that established standards for right-to-farm protection. The Committee is expected to approve additional rule proposals in early 2013 for wind energy generation as it relates to both preserved farms and right-to-farm protection.

**Expanded Planning for Preservation:** By year's end, a total of 18 counties and 46 municipalities had developed

*The State Agriculture Development Committee (SADC) administers the state Farmland Preservation Program and promotes innovative approaches to maintaining the viability of agriculture. It administers New Jersey's Right to Farm program, which administers the Right to Farm Act that protects responsible commercial farms from restrictive municipal ordinances and public and private nuisance actions; staffs the Transfer of Development Rights Bank that works to promote and advance the implementation of TDR statewide; and operates a Farm Link Program to assist farmers in locating land and other resources.*

comprehensive farmland preservation plans that enable them to participate in the SADC's County and Municipal Planning Incentive Grant (PIG) Programs. The plans identify short- and long-term farmland preservation goals as well as strategies to sustain agriculture as an industry. Altogether, the plans seek to preserve approximately 216,000 acres over a 10-year period at a total cost of \$2.5 billion.

**Drafted On-Farm Direct Marketing AMP:** The SADC in December reviewed a final draft agricultural management practice (AMP) for direct-marketing facilities, activities and events. The SADC expects to consider it as a formal rule proposal in January. The AMP was developed by an SADC working group that included farmers and representatives of New Jersey Farm Bureau, Rutgers University, county agriculture development boards and the planning community. It clarifies terms in the Right to Farm Act and establishes performance-based standards that commercial farms must meet to be eligible for right-to-farm protection for retail farm markets and for various agriculture-related educational and farm-based recreational activities and events.

**Reorganized SADC Staff:** The SADC realigned staff to foster better coordination in acquisition efforts and to place an increased focus on stewardship activities. Three regional acquisition coordinators were appointed to work more closely with county and local farmland preservation staff and landowners, and a new real estate assistant was hired to handle closing transactions. A new Chief of Agricultural Resources was hired to oversee stewardship and Right-to-Farm efforts and enable the SADC to increase its focus on promoting agricultural viability.

**Received Superior Court Ruling on Soil Destruction:** In a significant victory for the state's farmland preservation efforts, a Superior Court judge in August found that a Hunterdon County commercial plant grower is liable for major soil disturbance and destruction on a preserved farm. The judge found in favor of the SADC, judge ruling the treatment of the land violated the Agriculture Retention and Development Act and the farmland preservation deed restrictions.

# New Jersey Agriculture At a Glance



## **Aquaculture**

Angelfish  
Bluegill  
Brook trout  
Brown trout  
Comet  
Discus  
Eastern oysters  
Fathead minnow  
Hybrid striped bass  
Koi  
Largemouth bass  
Mummichog  
Northern quahog  
Rainbow trout  
Tilapia  
Triploid grass carp  
White sucker  
Yellow perch  
Various ornamental plants

## **Christmas Trees**

Canaan fir  
Frasier fir  
Concolor fir  
Norway spruce  
Blue spruce  
White pine  
Scotch pine

## **Field Crops**

Barley  
Corn  
Hay  
Potatoes  
Soybeans  
Sweet Potatoes  
Winter Wheat

## **Floriculture/Nursery**

Aquatic Plants  
Bedding/Garden Plants  
Bulbs  
Chrysanthemums  
Foliage  
Geraniums  
Hostas  
Impatiens  
Lilies  
Marigolds  
New Guinea Impatiens  
Pansies  
Petunias  
Poinsettias  
Potted Plants  
Shrubs  
Sod  
Trees

## **Fruit**

Apples  
Blackberries  
Blueberries  
Cantaloupe  
Cranberries  
Nectarines  
Peaches  
Rasberries  
Sour cherries  
Strawberries  
Watermelon

## **Herbs**

Arugula  
Basil  
Cilantro  
Dill  
Marjoram  
Methi  
Mint  
Oregano  
Parsley  
Sage  
Tarragon  
Thyme

## **Livestock/Poultry**

Alpaca  
Bees  
Bison  
Cattle  
Chickens  
Cows, beef and milk  
Deer  
Donkeys  
Ducks  
Elk  
Emus  
Geese  
Goats, meat and milk  
Horses  
Llamas  
Mules  
Ostriches  
Pheasants  
Pigeons  
Pigs  
Rabbits  
Quail  
Sheep  
Turkeys

## **Specialty Products**

Asian Fruits and Vegetables  
Baby Arugula  
Baby Spinach  
Chestnuts  
Corn Stalks  
Cut Flowers  
Garlic  
Grapes and Wines

## **Hay**

Honey  
Indian Corn  
Maple Syrup  
Mums  
Popcorn  
Shell Eggs  
Straw  
Tomatillos

## **Vegetables**

Asparagus  
Beans, green, pole and snap  
Beets  
Bok Choy  
Basil  
Broccoli Raab  
Cabbage, red, green, Chinese, Savoy  
Cauliflower  
Celery  
Collards  
Corn, sweet  
Cucumbers  
Dandelion Greens  
Eggplant  
Eggplant, Sicilian  
Escarole  
Fennel  
Horseradish root  
Kale  
Kohlrabi  
Leeks  
Lettuces  
Mustard greens  
Okra  
Onions  
Parsnips  
Peas  
Peppers  
Pickles  
Potatoes  
Pumpkins  
Radishes  
Rhubarb  
Rutabaga  
Shallots  
Spinach  
Squash  
Sweet Potatoes  
Swiss Chard  
Tomatoes  
Turnips  
Turnip Greens



# NEW JERSEY AGRICULTURAL STATISTICS 2012

Issued Cooperatively by

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and

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United States Department of Agriculture  
National Agricultural Statistics Service  
New Jersey Field Office  
Cooperating with New Jersey Department of Agriculture



It is a pleasure to present to you the 2012 edition of the New Jersey Agriculture Annual Report. This publication is a cooperative effort between the USDA – National Agricultural Statistics Service’s New Jersey Field Office (USDA–NASS, NJ FO) and the New Jersey Department of Agriculture.

The Annual Report is published each year to meet the diverse needs for a reliable reference book on agricultural production, prices, farm income, and various other economic data within the State. The estimates for crops, floriculture, livestock, and vegetables are prepared mainly to give timely current State totals and averages.

The data in this publication was made possible only by the voluntary cooperation of the New Jersey farmers and agribusinesses who responded to our surveys. We believe that the best source of agricultural data is from producers and agribusinesses. We would like to extend thanks to all those individuals who make New Jersey agricultural statistics data available to everyone.

Thanks to the office staff and enumerators for their dedication in providing our State with high quality agricultural statistics. The staff of USDA–NASS, NJ FO is dedicated to serving the agricultural needs of all users. Please contact us at any time with your questions, comments, and requests for information.

Sincerely,

A handwritten signature in black ink that reads "John Gibbons". The signature is written in a cursive, flowing style.

John Gibbons, Director



## New Jersey: Field Crops, Weights, Measures, and Conversion Factors

| Crop and Unit            | Approximate Net Weight |           |
|--------------------------|------------------------|-----------|
|                          | lbs                    | kgs       |
| Corn:                    |                        |           |
| Ear, Husked ..... Bushel | 70                     | 31.8      |
| Shelled ..... Bushel     | 56                     | 25.4      |
| Hay ..... Square Bale    | 40-50                  | 18.2-22.7 |
| Oats ..... Bushel        | 32                     | 14.5      |
| Potatoes ..... Sack      | 100                    | 45.4      |
| Rye ..... Bushel         | 56                     | 25.4      |
| Soybeans ..... Bushel    | 60                     | 27.2      |
| Sweet Potatoes ..... Box | 25                     | 11.4      |
| Wheat ..... Bushel       | 60                     | 27.2      |

## New Jersey: Vegetables, Fruit, and Berries, Unit of Sale, Average Weight, and Number of Packages Used in Converting to Carlot Equivalents

| Crop and Unit of Sale                        | Average Weight<br>Per Unit | Package Per<br>Carlot Equivalent |     |
|--|----------------------------|----------------------------------|-----|
|  | Pounds                     | Units                            | Cwt |
| <b>Vegetables</b>                            |                            |                                  |     |
| Asparagus ..... Crate, 12 bunches            | 28                         | 1,050                            | 294 |
| Beets, topped ..... Bushel                   | 50                         | 700                              | 350 |
| Broccoli ..... Crate, 12-14 bunches          | 21                         | 900                              | 189 |
| Cabbage ..... Crate or sack                  | 50                         | 600                              | 300 |
| Carrots, topped ..... Bushel                 | 50                         | 1,000                            | 500 |
| Cauliflower ..... Crate                      | 50                         | 400                              | 200 |
| Celery ..... Crate, 3-4 dozen                | 60                         | 600                              | 360 |
| Cucumber ..... Bushel                        | 55                         | 700                              | 385 |
| Eggplant ..... 1 1 / 9 bushel crate          | 33                         | 750                              | 248 |
| Escarole & Endive ..... 1 1 / 9 bushel crate | 25                         | 850                              | 213 |
| Lettuce, Head ..... Crate, 24 heads          | 50                         | 825                              | 413 |
| Onions, dry ..... Sack                       | 50                         | 800                              | 400 |
| Peppers, Bell ..... Bushel                   | 28                         | 850                              | 238 |
| Snap Beans ..... Bushel                      | 30                         | 850                              | 255 |
| Spinach ..... Bushel                         | 25                         | 850                              | 213 |
| Sweet Corn ..... Crate, 50 ears              | 42                         | 725                              | 305 |
| Tomatoes ..... Carton                        | 25                         | 2,000                            | 500 |
| <b>Fruit and Berries</b>                     |                            |                                  |     |
| Apples ..... Bushels or carton               | 42                         | 900                              | 378 |
| Blueberries ..... Flat, 12 pints             | 11                         | 1,400                            | 154 |
| Cranberries ..... Barrel                     | 100                        | ---                              | --- |
| Peaches ..... 1 / 2 bushel or carton         | 25                         | 900                              | 342 |

Source: Fruit and Vegetable Market News Service, AMS, US Department of Agriculture.

### Rank of New Jersey Counties for Selected Items, 2011

| Item   | 1                  | 2                      | 3                   | 4                       | 5                   |
|--|--------------------|------------------------|---------------------|-------------------------|---------------------|
| <b>Field Crop Production</b>                   |                    |                        |                     |                         |                     |
| Corn for Grain .....                           | Warren             | Salem                  | Hunterdon           | Burlington              | Cumberland          |
| Alfalfa Hay .....                              | Warren             | Gloucester             | Sussex              | Monmouth                | (5)                 |
| Soybeans for beans .....                       | Salem              | Burlington             | Cumberland          | Gloucester              | Monmouth            |
| Wheat for Grain .....                          | Salem              | Cumberland             | Burlington          | Hunterdon               | Monmouth            |
| <b>Fruit and Berry Production</b>              |                    |                        |                     |                         |                     |
| Apple .....                                    | Gloucester         | Hunterdon <sup>2</sup> | Sussex <sup>2</sup> | Burlington <sup>3</sup> | Warren <sup>3</sup> |
| Blueberry .....                                | Atlantic           | Burlington             | ---                 | ---                     | ---                 |
| Cranberry .....                                | Burlington         | Ocean                  | Atlantic            | ---                     | ---                 |
| Peach .....                                    | Gloucester         | Cumberland             | Salem               | Camden                  | Burlington          |
| <b>Certified Nurseries</b>                     |                    |                        |                     |                         |                     |
| Number of nurseries .....                      | Cumberland         | Monmouth               | Burlington          | Gloucester              | Hunterdon           |
| Nursery stock acreage .....                    | Cumberland         | Monmouth               | Burlington          | Gloucester              | Hunterdon           |
| <b>Livestock and Products</b>                  |                    |                        |                     |                         |                     |
| Milk production .....                          | Salem              | Sussex                 | Warren              | ---                     | ---                 |
| Number of Cattle and Calves <sup>4</sup> ..... | Salem <sup>1</sup> | Warren <sup>1</sup>    | Sussex              | Hunterdon               | Gloucester          |
| Number of Milk Cows <sup>4</sup> .....         | Warren             | Salem                  | Sussex              | ---                     | ---                 |

--- Other counties not published to avoid disclosure of individual operations.

<sup>1</sup> Tied for first.

<sup>2</sup> Tied for second.

<sup>3</sup> Tied for third.

<sup>4</sup> Reference date January 1, 2010.

<sup>5</sup> Hunterdon and Cumberland tied for fifth.

### Rank of States for Selected Items, 2011

| Item                         | 1          | 2              | 3          | 4          | 5            |
|------------------------------|------------|----------------|------------|------------|--------------|
| <b>Total Crop Production</b> |            |                |            |            |              |
| Blueberries .....            | Michigan   | Oregon         | Georgia    | NEW JERSEY | Washington   |
| Cranberries .....            | Wisconsin  | Massachusetts  | NEW JERSEY | Oregon     | Washington   |
| Peaches, freestone .....     | California | South Carolina | Georgia    | NEW JERSEY | Pennsylvania |
| Peppers, bell .....          | California | Florida        | Georgia    | NEW JERSEY | Ohio         |

## Record Highs and Lows in New Jersey Agriculture: Field Crops, by Acreage, Yield, and Production <sup>1</sup>

| Field Crops and Unit       | Year Estimates Started | Record | Acreage   |      | Yield    |      | Production |      |
|----------------------------|------------------------|--------|-----------|------|----------|------|------------|------|
|                            |                        |        | Harvested | Year | Per Acre | Year | Total      | Year |
| Corn for Grain ..... Bu    | 1919                   | High   | 234,000   | 1919 | 143      | 2009 | 12,870,000 | 1981 |
|                            |                        | Low    | 52,000    | 1972 | 28       | 1955 | 2,220,000  | 1999 |
| Corn for Silage ..... Ton  | 1919                   | High   | 71,000    | 1957 | 20       | 2004 | 672,000    | 1976 |
|                            |                        | Low    | 8,000     | 2011 | 6        | 1999 | 124,000    | 2010 |
| All Hay ..... Ton          | 1909                   | High   | 391,000   | 1909 | 2.85     | 1992 | 605,000    | 1910 |
|                            |                        | Low    | 105,000   | 2011 | 1.07     | 1923 | 203,000    | 2010 |
| Alfalfa Hay ..... Ton      | 1919                   | High   | 109,000   | 1955 | 3.9      | 1992 | 272,000    | 1958 |
|                            |                        | Low    | 15,000    | 1921 | 1.75     | 1936 | 32,000     | 1921 |
| Oats <sup>2</sup> ..... Bu | 1866                   | High   | 155,000   | 1871 | 63       | 1985 | 4,126,000  | 1881 |
|                            |                        | Low    | 4,000     | 1988 | 16       | 1901 | 200,000    | 1988 |
| Potatoes ..... Cwt         | 1866                   | High   | 94,000    | 1917 | 285      | 2000 | 8,927,000  | 1922 |
|                            |                        | Low    | 1,700     | 2010 | 24       | 1876 | 342,000    | 2011 |
| Rye <sup>3</sup> ..... Bu  | 1866                   | High   | 106,000   | 1879 | 38       | 1995 | 1,073,000  | 1919 |
|                            |                        | Low    | 3,000     | 1996 | 8        | 1870 | 81,000     | 1996 |
| Soybeans ..... Bu          | 1938                   | High   | 203,000   | 1979 | 42       | 2009 | 6,090,000  | 1979 |
|                            |                        | Low    | 3,000     | 1938 | 11.8     | 1944 | 48,000     | 1938 |
| Sweet Potatoes ..... Cwt   | 1868                   | High   | 23,000    | 1909 | 150      | 2011 | 2,125,000  | 1908 |
|                            |                        | Low    | 1,000     | 1999 | 35       | 1883 | 100,000    | 1999 |
| All Wheat ..... Bu         | 1866                   | High   | 163,000   | 1878 | 61       | 2008 | 2,508,000  | 1871 |
|                            |                        | Low    | 22,000    | 2006 | 10.5     | 1885 | 900,000    | 1978 |

<sup>1</sup> In some cases the record high and/or low is identical for more than one year. In such cases, the year shown is the latest year of occurrence.

<sup>2</sup> All oat estimates discontinued as of 1990.

<sup>3</sup> All Rye estimates discontinued as of 2000.

### New Jersey: Field Crops, Usual Planting and Harvesting Dates

| Crop                  | Usual Planting Dates |                 |         | Usual Harvesting Dates |                 |        |
|-----------------------|----------------------|-----------------|---------|------------------------|-----------------|--------|
|                       | Begin                | Most Active     | End     | Begin                  | Most Active     | End    |
| Corn for grain .....  | Apr 15               | May 1 - May 20  | June 15 | Sep 25                 | Oct 10 - Nov 1  | Nov 15 |
| Corn for silage ..... | Apr 15               | May 1 - May 20  | Jul 1   | Aug 30                 | Sep 10 - Sep 30 | Nov 20 |
| Hay, alfalfa .....    | (NA)                 | (NA)            | (NA)    | May 15                 | (NA)            | Nov 1  |
| Hay, other .....      | (NA)                 | (NA)            | (NA)    | May 10                 | (NA)            | Oct 15 |
| Potatoes, summer .    | Apr 20               | May 1 - May 20  | Jun 1   | Jul 10                 | Jul 20 - Sep 30 | Oct 15 |
| Soybeans .....        | May 10               | May 20 - Jul 1  | Jul 10  | Oct 1                  | Oct 1 - Nov 10  | Nov 15 |
| Sweet potatoes .....  | May 10               | May 20 - Jun 20 | Jul 10  | Sep 10                 | Sep 20 - Nov 10 | Nov 20 |
| Wheat, winter .....   | Sep 30               | Oct 5 - Oct 20  | Nov 1   | Jun 25                 | Jul 1 - Jul 10  | Jul 15 |

(NA) Not available.



## Record Highs and Lows in New Jersey Agriculture: Vegetables by Acreage, Yield, and Production <sup>1</sup>

| Vegetables and Unit          | Year<br>Estimates<br>Started | Record | Acreage   |      | Yield    |      | Production |      |
|------------------------------|------------------------------|--------|-----------|------|----------|------|------------|------|
|                              |                              |        | Harvested | Year | Per Acre | Year | Total      | Year |
| Asparagus (fresh) ..... Cwt  | 1929                         | High   | 11,900    | 1958 | 40       | 2006 | 358,000    | 1960 |
|                              |                              | Low    | 900       | 2010 | 13       | 1976 | 18,000     | 1994 |
| Cabbage ..... Cwt            | 1929                         | High   | 7,900     | 1944 | 400      | 2000 | 1,075,000  | 1966 |
|                              |                              | Low    | 1,400     | 2011 | 90       | 1930 | 363,000    | 1995 |
| Cucumber (fresh) ..... Cwt   | 1929                         | High   | 4,000     | 1935 | 225      | 2002 | 682,000    | 2004 |
|                              |                              | Low    | 1,300     | 1975 | 60       | 1932 | 142,000    | 1956 |
| Eggplant ..... Cwt           | 1929                         | High   | 1,700     | 1946 | 320      | 2009 | 288,000    | 2009 |
|                              |                              | Low    | 700       | 2003 | 74       | 1930 | 74,000     | 1933 |
| Escarole & Endive ..... Cwt  | 1949                         | High   | 1,500     | 1967 | 200      | 2011 | 248,000    | 1967 |
|                              |                              | Low    | 400       | 1949 | 130      | 2003 | 58,000     | 1949 |
| Peppers, Bell ..... Cwt      | 1929                         | High   | 9,300     | 1947 | 360      | 2008 | 1,372,000  | 1994 |
|                              |                              | Low    | 3,100     | 2008 | 42       | 1943 | 270,000    | 1929 |
| Pumpkins ..... Cwt           | 1990                         | High   | 2,600     | 2002 | 175      | 1992 | 385,000    | 1992 |
|                              |                              | Low    | 1,700     | 2011 | 70       | 2002 | 144,000    | 2004 |
| Snap Beans (fresh) ..... Cwt | 1929                         | High   | 15,500    | 1934 | 54       | 2001 | 566,000    | 1934 |
|                              |                              | Low    | 2,300     | 2003 | 24       | 1991 | 70,000     | 2006 |
| Spinach (fresh) ..... Cwt    | 1929                         | High   | 4,300     | 1936 | 175      | 2008 | 298,000    | 2006 |
|                              |                              | Low    | 880       | 1973 | 58       | 1929 | 57,000     | 1971 |
| Sweet Corn (fresh) ..... Cwt | 1935                         | High   | 23,000    | 1939 | 110      | 2009 | 1,120,000  | 1965 |
|                              |                              | Low    | 7,000     | 2011 | 32       | 1944 | 440,000    | 1999 |
| Tomatoes (fresh) ..... Cwt   | 1929                         | High   | 13,000    | 1937 | 230      | 2004 | 1,272,000  | 1935 |
|                              |                              | Low    | 2,900     | 2011 | 74       | 1945 | 406,000    | 1988 |

<sup>1</sup> In some cases the record high and/or low is identical for more than one year. In such cases, the year shown is the latest year of occurrence.

## Record Highs and Lows in New Jersey Agriculture: Fruit, by Acreage, Yield, and Production <sup>1</sup>

| Fruit and Unit               | Year Estimates Started | Production |        |      |
|------------------------------|------------------------|------------|--------|------|
|                              |                        | Record     | Total  | Year |
| Apples ..... Million lbs     | 1917                   | High       | 196.8  | 1935 |
|                              |                        | Low        | 18.7   | 1921 |
| Blueberries ..... 1,000 lbs  | 1929                   | High       | 62,000 | 2011 |
|                              |                        | Low        | 231    | 1929 |
| Cranberries ..... 1,000 bbls | 1900                   | High       | 700    | 1999 |
|                              |                        | Low        | 33     | 1902 |
| Peaches ..... Tons           | 1910                   | High       | 68,500 | 1960 |
|                              |                        | Low        | 500    | 1934 |

<sup>1</sup> In some cases the record high and/or low is identical for more than one year. In such cases, the year shown is the latest year of occurrence.

## Record Highs and Lows in New Jersey Agriculture: Livestock and Livestock Products by Number of Head or Unit <sup>1</sup>

| Livestock, Products, and Unit            | Year Estimates Started | Production |            |      |
|--|------------------------|------------|------------|------|
|  |                        | Record     | Total      | Year |
| <b>Livestock Inventory</b>               |                        |            |            |      |
| Cattle and Calves ..... Head             | 1867                   | High       | 264,000    | 1880 |
|  |                        | Low        | 32,000     | 2011 |
| Chickens (all) <sup>2 3</sup> ..... Head | 1924                   | High       | 16,038,000 | 1957 |
|  |                        | Low        | 1,220      | 1983 |
| Hogs and Pigs <sup>2</sup> ..... Head    | 1866                   | High       | 258,000    | 1951 |
|  |                        | Low        | 8,000      | 2011 |
| Milk Cows ..... Head                     | 1867                   | High       | 160,000    | 1897 |
|  |                        | Low        | 7,500      | 2011 |
| Sheep <sup>4</sup> ..... Head            | 1920                   | High       | 17,000     | 1955 |
|  |                        | Low        | 6,000      | 1939 |
| <b>Livestock Products</b>                |                        |            |            |      |
| Eggs ..... Million eggs                  | 1925                   | High       | 2,629      | 1956 |
|  |                        | Low        | 234        | 1984 |
| Milk ..... Million lbs                   | 1924                   | High       | 1,189      | 1960 |
|  |                        | Low        | 136        | 2011 |
| Wool <sup>4</sup> ..... 1,000 lbs        | 1909                   | High       | 105        | 1955 |
|  |                        | Low        | 34         | 1938 |

<sup>1</sup> In some cases the record high and/or low is identical for more than one year. In such cases, the year shown is the latest year of occurrence.

<sup>2</sup> Inventory was as of January 1 until 1957. Starting in 1958, inventory was as of December 1.

<sup>3</sup> All chickens excludes meat chickens.

<sup>4</sup> State estimate for New Jersey discontinued beginning in 1999.

### New Jersey: Crop Summary, Field Crops, 2009

| Crop and Unit               | Acres Harvested | Yield Per Acre | Production   | Season Average Price Per Unit | Value of Production |                  |
|-----------------------------|-----------------|----------------|--------------|-------------------------------|---------------------|------------------|
|                             |                 |                |              |                               | Total               | Per Acre         |
|                             |                 |                | <i>1,000</i> | <i>Dollars</i>                | <i>\$1,000</i>      | <i>Dollars</i>   |
| Corn for Grain ..... bu     | 70,000          | 143            | 10,010       | 3.73                          | 37,337              | 533              |
| Corn for Silage ..... ton   | 9,000           | 17.50          | 158          | ( <sup>1</sup> )              | ( <sup>1</sup> )    | ( <sup>1</sup> ) |
| All Hay ..... ton           | 110,000         | 2.11           | 232          | 122.00                        | 28,246              | 257              |
| Alfalfa Hay ..... ton       | 25,000          | 2.80           | 70           | 142.00                        | 9,940               | 398              |
| Other Hay ..... ton         | 85,000          | 1.90           | 162          | 113.00                        | 18,306              | 215              |
| Potatoes ..... cwt          | 2,100           | 260            | 546          | 8.90                          | 4,859               | 2,314            |
| Soybeans for Beans ..... bu | 87,000          | 42             | 3,654        | 9.37                          | 34,238              | 394              |
| Sweet Potatoes ..... cwt    | 1,200           | 110            | 132          | 29.00                         | 3,828               | 3,190            |
| Winter Wheat ..... bu       | 29,000          | 51             | 1,479        | 3.84                          | 5,679               | 196              |

<sup>1</sup> Estimate discontinued in 1985.

### New Jersey: Crop Summary, Fruit Crops, 2009

| Crop and Unit         | Acres Harvested | Yield Per Acre | Production <sup>1</sup> | Season Average Price Per Unit | Value of Production |                |
|-----------------------|-----------------|----------------|-------------------------|-------------------------------|---------------------|----------------|
|                       |                 |                |                         |                               | Total               | Per Acre       |
|                       |                 |                | <i>1,000</i>            | <i>Dollars</i>                | <i>\$1,000</i>      | <i>Dollars</i> |
| Apples ..... lb       | 2,000           | 21,500         | 42,000                  | 0.499                         | 20,951              | 10,476         |
| Blueberries ..... lb  | 7,700           | 6,880          | 53,000                  | 1.23                          | 65,260              | 8,475          |
| Cranberries ..... bbl | 3,100           | 179.0          | 555                     | 56.10                         | 31,136              | 10,044         |
| Peaches ..... ton     | 6,200           | 5.65           | 33                      | 1,020.00                      | 33,660              | 5,429          |

<sup>1</sup> Utilized production for fruit crops.

### New Jersey: Crop Summary, Principal Vegetables for Fresh Market, 2009

| Crop, Estimate Date, and Unit                        | Acres Harvested | Yield Per Acre | Production <sup>1</sup> | Season Average Price Per Unit | Value of Production |                |
|--|-----------------|----------------|-------------------------|-------------------------------|---------------------|----------------|
|  |                 |                |                         |                               | Total               | Per Acre       |
|  |                 | <i>cwt</i>     | <i>1,000 cwt</i>        | <i>Dollars/cwt</i>            | <i>\$1,000</i>      | <i>Dollars</i> |
| <b>Principle Vegetables for Fresh Market</b>         |                 |                |                         |                               |                     |                |
| Asparagus <sup>1</sup> ..... Jan-Jun.....cwt         | 1,000           | 37             | 37                      | 97.30                         | 3,600               | 3,600          |
| Cabbage ..... Jan-Dec.....cwt                        | 1,600           | 345            | 552                     | 15.90                         | 8,777               | 5,486          |
| Collards <sup>1</sup> ..... Jan-Dec.....cwt          | 800             | 165            | 132                     | 30.90                         | 4,079               | 5,099          |
| Cucumber <sup>1</sup> ..... July-Dec.....cwt         | 3,100           | 130            | 403                     | 28.00                         | 11,284              | 3,640          |
| Eggplant <sup>1</sup> ..... July-Dec.....cwt         | 900             | 320            | 288                     | 29.00                         | 8,352               | 9,280          |
| Escarole & Endive <sup>1</sup> ..... Jan-Dec.....cwt | 500             | 185            | 93                      | 35.40                         | 3,292               | 6,584          |
| Herbs <sup>1</sup> ..... Jan-Dec.....cwt             | 1,800           | 150            | 270                     | 48.70                         | 13,149              | 7,305          |
| Kale <sup>1</sup> ..... Jan-Dec.....cwt              | 400             | 120            | 48                      | 34.10                         | 1,637               | 4,093          |
| Lettuce, All, <sup>1</sup> ..... Jan-Dec.....cwt     | 1,800           | 200            | 360                     | 38.30                         | 13,788              | 7,660          |
| Parsley <sup>1</sup> ..... Jan-Dec.....cwt           | 700             | 145            | 102                     | 44.60                         | 4,549               | 6,499          |
| Peppers, Bell ..... July-Dec.....cwt                 | 3,200           | 290            | 928                     | 33.80                         | 31,366              | 9,802          |
| Pumpkins <sup>1</sup> ..... July-Dec.....cwt         | 2,200           | 115            | 253                     | 29.20                         | 7,388               | 3,358          |
| Snap Beans ..... Jan-Dec.....cwt                     | 2,800           | 27             | 78                      | 67.40                         | 5,122               | 1,829          |
| Spinach ..... Jan-Dec.....cwt                        | 1,500           | 135            | 203                     | 43.20                         | 8,770               | 5,847          |
| Squash, Summer <sup>1</sup> ..... July-Oct.....cwt   | 1,900           | 135            | 257                     | 33.40                         | 8,584               | 4,518          |
| Squash, Winter <sup>1</sup> ..... July-Dec.....cwt   | 900             | 75             | 68                      | 26.70                         | 1,816               | 2,018          |
| Sweet Corn ..... July-Dec.....cwt                    | 7,100           | 110            | 781                     | 29.20                         | 22,805              | 3,212          |
| Tomatoes ..... July-Dec.....cwt                      | 2,900           | 220            | 638                     | 53.20                         | 33,942              | 11,704         |
| <b>Total - 18 Fresh Market Crops .....</b>           | <b>35,100</b>   | <b>---</b>     | <b>5,491</b>            | <b>---</b>                    | <b>192,300</b>      | <b>5,479</b>   |
| <b>Principal Processing Vegetables</b>               |                 |                |                         |                               |                     |                |
| Processing Total <sup>2</sup> ..... 1,000 ton        | 5,300           | ---            | 50.8                    | 164.70                        | 8,366               | ---            |
| <b>Total .....</b>                                   | <b>40,400</b>   | <b>---</b>     | <b>325.4</b>            | <b>---</b>                    | <b>200,666</b>      | <b>---</b>     |

<sup>1</sup> State estimate only.

<sup>2</sup> Not published separately to avoid disclosing individual operators. Processing vegetables include green peas, snap beans, spinach, sweet corn, and tomatoes. Tomatoes are not in the Federal Estimating Programs, and are in state estimates only.



### New Jersey: Crop Summary, Field Crops, 2010

| Crop and Unit               | Acres Harvested | Yield Per Acre | Production   | Season Average Price Per Unit | Value of Production |                  |
|-----------------------------|-----------------|----------------|--------------|-------------------------------|---------------------|------------------|
|                             |                 |                |              |                               | Total               | Per Acre         |
|                             |                 |                | <i>1,000</i> | <i>Dollars</i>                | <i>\$1,000</i>      | <i>Dollars</i>   |
| Corn for Grain ..... bu     | 71,000          | 114            | 8,094        | 6.05                          | 48,969              | 670              |
| Corn for Silage ..... ton   | 8,000           | 15.50          | 124          | ( <sup>1</sup> )              | ( <sup>1</sup> )    | ( <sup>1</sup> ) |
| All Hay ..... ton           | 105,000         | 1.93           | 203          | 123.00                        | 24,969              | 238              |
| Alfalfa Hay ..... ton       | 20,000          | 2.90           | 58           | 144.00                        | 8,352               | 418              |
| Other Hay ..... ton         | 85,000          | 1.70           | 145          | 114.00                        | 16,530              | 195              |
| Potatoes .....cwt           | 1,700           | 230            | 391          | 12.20                         | 4,770               | 2,806            |
| Soybeans for Beans ..... bu | 92,000          | 24             | 2,208        | 11.70                         | 25,834              | 281              |
| Sweet Potatoes .....cwt     | 1,300           | 110            | 143          | 32.60                         | 4,662               | 3,586            |
| Winter Wheat ..... bu       | 23,000          | 49             | 1,127        | 5.04                          | 5,680               | 247              |

<sup>1</sup> Estimate discontinued in 1985.

### New Jersey: Crop Summary, Fruit Crops, 2010

| Crop and Unit         | Acres Harvested | Yield Per Acre | Production <sup>1</sup> | Season Average Price Per Unit | Value of Production |                |
|-----------------------|-----------------|----------------|-------------------------|-------------------------------|---------------------|----------------|
|                       |                 |                |                         |                               | Total               | Per Acre       |
|                       |                 |                | <i>1,000</i>            | <i>Dollars</i>                | <i>\$1,000</i>      | <i>Dollars</i> |
| Apples ..... lb       | 2,000           | 21,500         | 42,000                  | 0.480                         | 20,180              | 10,090         |
| Blueberries ..... lb  | 7,500           | 6,530          | 49,000                  | 1.28                          | 62,510              | 8,335          |
| Cranberries ..... bbl | 3,100           | 181.3          | 562                     | 55.60                         | 31,247              | 10,097         |
| Peaches ..... ton     | 6,100           | 5.9            | 34                      | 920.00                        | 31,280              | 5,128          |

<sup>1</sup> Utilized production for fruit crops.

### New Jersey: Crop Summary, Principal Vegetables for Fresh Market, 2010

| Crop, Estimate Date, and Unit                        | Acres Harvested | Yield Per Acre | Production       | Season Average Price Per Unit | Value of Production |                |
|--|-----------------|----------------|------------------|-------------------------------|---------------------|----------------|
|  |                 |                |                  |                               | Total               | Per Acre       |
|  |                 | <i>cwt</i>     | <i>1,000 cwt</i> | <i>Dollars/cwt</i>            | <i>\$1,000</i>      | <i>Dollars</i> |
| <b>Principle Vegetables for Fresh Market</b>         |                 |                |                  |                               |                     |                |
| Asparagus <sup>1</sup> ..... Jan-Jun.....cwt         | 900             | 42             | 38               | 131.70                        | 5,005               | 5,561          |
| Cabbage ..... Jan-Dec.....cwt                        | 1,700           | 280            | 476              | 14.50                         | 6,902               | 4,060          |
| Collards <sup>1</sup> ..... Jan-Dec.....cwt          | 700             | 140            | 98               | 30.00                         | 2,940               | 4,200          |
| Cucumber <sup>1</sup> ..... July-Dec.....cwt         | 3,200           | 210            | 672              | 23.40                         | 15,725              | 4,914          |
| Eggplant <sup>1</sup> ..... July-Dec.....cwt         | 900             | 245            | 221              | 28.60                         | 6,321               | 7,023          |
| Escarole & Endive <sup>1</sup> ..... Jan-Dec.....cwt | 500             | 175            | 88               | 29.30                         | 2,578               | 5,156          |
| Herbs <sup>1</sup> ..... Jan-Dec.....cwt             | 1,900           | 80             | 152              | 51.00                         | 7,752               | 4,080          |
| Kale <sup>1</sup> ..... Jan-Dec.....cwt              | 400             | 100            | 40               | 33.90                         | 1,356               | 3,390          |
| Lettuce, All, <sup>1</sup> ..... Jan-Dec.....cwt     | 1,900           | 210            | 399              | 37.40                         | 14,923              | 7,854          |
| Parsley <sup>1</sup> ..... Jan-Dec.....cwt           | 800             | 180            | 144              | 37.10                         | 5,342               | 6,678          |
| Peppers, Bell ..... July-Dec.....cwt                 | 3,300           | 325            | 1,073            | 31.50                         | 33,800              | 10,424         |
| Pumpkins <sup>1</sup> ..... July-Dec.....cwt         | 2,300           | 135            | 311              | 20.50                         | 6,376               | 2,772          |
| Snap Beans ..... Jan-Dec.....cwt                     | 2,600           | 30             | 78               | 35.40                         | 2,761               | 1,062          |
| Spinach ..... Jan-Dec.....cwt                        | 1,400           | 85             | 119              | 45.90                         | 5,462               | 3,901          |
| Squash, Summer <sup>1</sup> ..... July-Oct.....cwt   | 2,100           | 120            | 252              | 29.70                         | 7,484               | 3,564          |
| Squash, Winter <sup>1</sup> ..... July-Dec.....cwt   | 1,000           | 120            | 120              | 23.50                         | 2,820               | 2,820          |
| Sweet Corn ..... July-Dec.....cwt                    | 7,400           | 75             | 555              | 27.50                         | 15,263              | 2,063          |
| Tomatoes ..... July-Dec.....cwt                      | 2,900           | 215            | 624              | 51.90                         | 32,386              | 11,168         |
| <b>Total - 18 market crops .....</b>                 | <b>35,900</b>   | <b>---</b>     | <b>5,460</b>     | <b>---</b>                    | <b>175,196</b>      | <b>4,880</b>   |
| <b>Principal Processing Vegetables</b>               |                 |                |                  |                               |                     |                |
| Processing Total <sup>2</sup> ..... 1,000 ton        | 6,100           | ---            | 56.3             | 141.70                        | 7,983               | ---            |
| <b>Total .....</b>                                   | <b>42,000</b>   | <b>---</b>     | <b>329.3</b>     | <b>---</b>                    | <b>183,179</b>      | <b>---</b>     |

<sup>1</sup> State estimate only.

<sup>2</sup> Not published separately to avoid disclosing individual operators. Processing vegetables include green peas, snap beans, spinach, sweet corn, and tomatoes. Tomatoes are not in the Federal Estimating Programs, and are in state estimates only.

### New Jersey: Crop Summary, Field Crops, 2011

| Crop and Unit               | Acres Harvested | Yield Per Acre | Production <sup>1</sup> | Season Average Price Per Unit | Value of Production |                |
|-----------------------------|-----------------|----------------|-------------------------|-------------------------------|---------------------|----------------|
|                             |                 |                |                         |                               | Total               | Per Acre       |
|                             |                 |                | <i>1,000</i>            | <i>Dollars</i>                | <i>\$1,000</i>      | <i>Dollars</i> |
| Corn for Grain ..... bu     | 81,000          | 123            | 9,963                   | 6.05                          | 66,254              | 818            |
| Corn for Silage ..... ton   | 8,000           | 17.5           | 140                     | (2)                           | (2)                 | (2)            |
| All Hay ..... ton           | 105,000         | 2.15           | 226                     | 151.00                        | 31,360              | 298            |
| Alfalfa Hay ..... ton       | 20,000          | 3.2            | 64                      | 176.00                        | 10,624              | 531            |
| Other Hay ..... ton         | 85,000          | 1.9            | 162                     | 141.00                        | 20,736              | 244            |
| Potatoes ..... cwt          | 1,800           | 190            | 342                     | (D)                           | (D)                 | (D)            |
| Soybeans for Beans ..... bu | 86,000          | 38             | 3,534                   | 12.1                          | 37,229              | 433            |
| Sweet Potatoes ..... cwt    | 1,300           | 150            | 195                     | 29.3                          | 5,714               | 4,395          |
| Winter Wheat ..... bu       | 31,000          | 49             | 1,519                   | 6.15                          | 9,266               | 299            |

<sup>1</sup> Preliminary.

<sup>2</sup> Estimate discontinued in 1985.

### New Jersey: Crop Summary, Fruit Crops, 2011

| Crop and Unit         | Acres Harvested | Yield Per Acre | Production <sup>1</sup> | Season Average Price Per Unit | Value of Production |                |
|-----------------------|-----------------|----------------|-------------------------|-------------------------------|---------------------|----------------|
|                       |                 |                |                         |                               | Total               | Per Acre       |
|                       |                 |                | <i>1,000</i>            | <i>Dollars</i>                | <i>\$1,000</i>      | <i>Dollars</i> |
| Apples ..... lb       | 1,900           | 18,900         | 36,000                  | 0.672                         | 23,505              | 12,371         |
| Blueberries ..... lb  | 7,700           | 8,050          | 62,000                  | 1.530                         | 94,700              | 12,299         |
| Cranberries ..... bbl | 3,000           | 17,000         | 51,000                  | 0.510                         | 26,010              | 8,670          |
| Peaches ..... ton     | 5,500           | 11,640         | 64,000                  | 0.610                         | 36,600              | 6,655          |

<sup>1</sup> Utilized production for fruit crops.

### New Jersey: Crop Summary, Principal Vegetables for Fresh Market, 2011

| Crop, Estimate Date, and Unit                        | Acres Harvested | Yield Per Acre | Production <sup>1</sup> | Season Average Price Per Unit | Value of Production |                |
|--|-----------------|----------------|-------------------------|-------------------------------|---------------------|----------------|
|  |                 |                |                         |                               | Total               | Per Acre       |
|  |                 | <i>cwt</i>     | <i>1,000 cwt</i>        | <i>Dollars/cwt</i>            | <i>\$1,000</i>      | <i>Dollars</i> |
| <b>Principle Vegetables for Fresh Market</b>         |                 |                |                         |                               |                     |                |
| Asparagus <sup>2</sup> ..... Jan-Jun.....cwt         | 1,100           | 35             | 39                      | 132.00                        | 5,148               | 4,680          |
| Cabbage ..... Jan-Dec.....cwt                        | 1,400           | 375            | 525                     | 17.60                         | 9,240               | 6,600          |
| Collards <sup>2</sup> ..... Jan-Dec.....cwt          | 700             | 145            | 102                     | 34.20                         | 3,488               | 4,983          |
| Cucumber <sup>2</sup> ..... July-Dec.....cwt         | 3,100           | 160            | 496                     | 31.40                         | 15,754              | 5,024          |
| Eggplant <sup>2</sup> ..... July-Dec.....cwt         | 900             | 255            | 230                     | 37.70                         | 8,671               | 9,634          |
| Escarole & Endive <sup>2</sup> ..... Jan-Dec.....cwt | 500             | 200            | 100                     | 36.30                         | 3,630               | 7,260          |
| Herbs <sup>2</sup> ..... Jan-Dec.....cwt             | 2,000           | 115            | 230                     | 65.40                         | 15,042              | 7,521          |
| Kale <sup>2</sup> ..... Jan-Dec.....cwt              | 400             | 135            | 54                      | 34.80                         | 1,879               | 4,698          |
| Lettuce, All, <sup>2</sup> ..... Jan-Dec.....cwt     | 1,500           | 185            | 278                     | 42.30                         | 11,759              | 7,839          |
| Parsley <sup>2</sup> ..... Jan-Dec.....cwt           | 700             | 145            | 102                     | 63.90                         | 6,518               | 9,311          |
| Peppers, Bell ..... July-Dec.....cwt                 | 3,400           | 305            | 1,037                   | 29.30                         | 30,384              | 8,936          |
| Pumpkins <sup>2</sup> ..... July-Dec.....cwt         | 1,700           | 95             | 162                     | 54.40                         | 8,813               | 5,184          |
| Snap Beans ..... Jan-Dec.....cwt                     | 2,700           | 34             | 92                      | 55.00                         | 5,060               | 1,874          |
| Spinach ..... Jan-Dec.....cwt                        | 1,200           | 155            | 186                     | 45.00                         | 8,370               | 6,975          |
| Squash, Summer <sup>2</sup> ..... July-Oct.....cwt   | 1,800           | 170            | 306                     | 41.50                         | 12,699              | 7,055          |
| Squash, Winter <sup>2</sup> ..... July-Dec.....cwt   | 900             | 110            | 99                      | 28.00                         | 2,772               | 3,080          |
| Sweet Corn ..... July-Dec.....cwt                    | 7,000           | 85             | 595                     | 26.60                         | 15,827              | 2,261          |
| Tomatoes ..... July-Dec.....cwt                      | 2,900           | 210            | 609                     | 51.70                         | 31,485              | 10,875         |
| <b>Total - 18 market crops .....</b>                 | <b>33,900</b>   | <b>---</b>     | <b>5,242</b>            | <b>---</b>                    | <b>196,359</b>      | <b>5,792</b>   |
| <b>Principal Processing Vegetables</b>               |                 |                |                         |                               |                     |                |
| Processing Total <sup>3</sup> ..... 1,000 ton        | 5,200           | ---            | 49.3                    | 171.20                        | 8,445               | ---            |
| <b>Total .....</b>                                   | <b>39,100</b>   | <b>---</b>     | <b>311.4</b>            | <b>---</b>                    | <b>204,804</b>      | <b>---</b>     |

<sup>1</sup> Preliminary.

<sup>2</sup> State estimate only.

<sup>3</sup> Not published separately to avoid disclosing individual operators. Processing vegetables include green peas, snap beans, spinach, sweet corn, and tomatoes. Tomatoes are not in the Federal Estimating Programs, and are in state estimates only.

After a very mild winter, crop growth and soil temperatures were three to five weeks ahead of normal. Temperatures were above normal across the state for much of April. Most plantings were on hold despite warm temperatures for fear of frost injury. Many localities experienced below normal precipitation the beginning of the month. There were measurable amounts of rainfall towards the end of April. Substantial rainfall the beginning of May helped soil moisture improve. Sunny conditions aided spring plantings in May. Warm weather and timely rains occurred across New Jersey during the month of May. Temperatures were above average through mid-May and near normal the remainder of the month. Corn and early soybean plantings were well underway the beginning of May. Soil temperatures averaged mostly in the mid-60s, encouraging corn emergence the final weeks.

The first cut of dry hay began early-May. Temperatures were variable the month of June. Precipitation was below normal. The lack of rainfall necessitated the use of irrigation during June. Corn and full-season soybean planting were complete by the end of the month. During July, temperatures were above normal with extreme highs in the 100s. Rainfall was below normal for the month across most areas of the state. Farmers irrigated as necessary to mitigate heat stress conditions. Corn began to tassel by mid-July. Corn and soybean crops showed dry-weather related stress in mid-July. Second cuttings of grass and alfalfa hay were underway by the end of July.

Hot weather continued through the month of August. Highs reached mid-90s the beginning of the month. The state received much needed rain during the first half of August. However, severe thunderstorms caused tree damage from hail and high winds. Hail damage was reported for peaches, apples, and tomatoes in some areas. The rains helped soybean and vegetable crops. Irrigation continued in some localities throughout the month. Alfalfa hay second cuttings and other hay third cuttings progressed.

Above normal temperatures continued through the first half of September. Hay cuttings were delayed during frequent and heavy rains during mid-September. Soybeans were setting pods by the beginning of the month, and some early corn was beginning to be combined. The third cut of other hay progressed in localities. Irrigation continued in some fields.

Mild weather and sufficient rainfall prevailed throughout October. Temperatures averaged near normal. The field-corn and soybean harvest progressed throughout October. Hay harvest continued during the month. The fall vegetable harvest was almost complete by mid-October.

**Corn:** Corn planted for all purposes in 2011 totaled 90,000 acres and 81,000 were harvested for grain. Yield increased 9

bushels to 123 bushels per acre, from the previous year's yield of 114 bushels. The increase in yield raised production by 1.9 million bushels to 9.9 million bushels. Growers received a market year average of \$6.65 per bushel for their grain, an increase of \$0.60 per bushel from 2010's price of \$6.05 per bushel. Total crop value, for corn for grain increased by 35.3 percent from \$48.9 million in 2010 to \$66.3 million in 2011.

**Soybeans:** Soybean planted and harvested acreages decreased by 6,000 acres to 88,000 acres planted and 86,000 acres harvested in 2011. The soybean yield was up 14 bushels per acre from 2010's yield of 24 bushels per acre to 38 bushels in 2011. Production increased to 3.18 million bushels in 2011, from 2.21 million bushels in 2010. The average price received by growers, at \$11.70 per bushel, was unchanged from the previous year. Total crop value increased by 44.1 percent to \$37.2 million.

**Winter wheat:** The 35,000 acres planted to winter wheat in 2011 was 7,000 acres more than in 2010. Harvested acreage was at 31,000, an increase of 8,000 acres. The yield at 49 bushels per acre was the same as the previous year. Production at 1.52 million bushels was up 35 percent from 2010. The season average price of \$6.10 per bushel was \$1.06 more than the price in 2010. Total crop value increased by 63.1 percent to \$9.3 million.

**Hay:** All hay harvested acres was unchanged in 2011 at 105,000 acres. Alfalfa hay and other hay were unchanged at 20,000 and 85,000 acres, respectively. The alfalfa hay yield increased by 10 percent to 3.20 tons per acre. Yield for other hay increased by 12 percent from the previous year, to 1.9 tons per acre. The overall hay yield was 2.15 tons per acre. Alfalfa production was 64,000 tons and other hay production was 162,000 tons; resulting in total hay production of 226,000 tons. The season average price for all hay increased \$16.00 per ton from \$123 in 2010 to \$139.00 per ton in 2011. Overall, the total hay crop value increased by 26.0 percent in 2011, to \$31.4 million.

**Potatoes:** Planted and harvested acreage totals were down from 2010, at 1,900 and 1,700 acres respectively. The yield was 230 hundredweight per acre, a decrease of 15 hundredweight from 2010. Production was 391,000 hundredweight in 2011, compared with 546,000 hundredweight in 2010.

**Sweet Potatoes:** Sweet potato planted and harvested acreage remained the same as 2010 at 1,300 acres. The yield was 150 hundredweight per acre, an increase of 40 hundredweight from the previous year. In 2011, production increased by 36 percent, to 195,000 hundredweight. The average price per hundredweight decreased, by \$3.30, to \$29.30 in 2011. The value of production totaled \$5.71 million.



**New Jersey: Field Crops, Acreage, Yield, Production, Price, and Value of Production, 2006-2011**

| Year                               | Acres        |              | Yield<br>Per<br>Acre <sup>1</sup> | Production <sup>1</sup> | Season<br>Average<br>Price <sup>1</sup> | Value of Production |                |
|------------------------------------|--------------|--------------|-----------------------------------|-------------------------|---|---------------------|----------------|
|                                    | Planted      | Harvested    |                                   |                         |   | Total               | Per Acre       |
|                                    | <i>1,000</i> | <i>1,000</i> |                                   | <i>1,000</i>            | <i>Dollars</i>                          | <i>\$1,000</i>      | <i>Dollars</i> |
| <b>Corn for Grain <sup>3</sup></b> |              |              |                                   |                         |   |                     |                |
| 2006 .....                         | 80           | 64           | 129.0                             | 8,256                   | 3.37                                    | 27,823              | 435            |
| 2007 .....                         | 95           | 82           | 124.0                             | 10,168                  | 4.65                                    | 47,281              | 577            |
| 2008 .....                         | 85           | 74           | 116.0                             | 8,584                   | 4.15                                    | 35,624              | 481            |
| 2009 .....                         | 80           | 70           | 143.0                             | 10,010                  | 3.73                                    | 37,337              | 533            |
| 2010 .....                         | 80           | 71           | 114.0                             | 8,094                   | 6.05                                    | 48,969              | 690            |
| 2011 <sup>2</sup> .....            | 90           | 81           | 123.0                             | 9,963                   | 6.65                                    | 66,254              | 818            |
| <b>Corn for Silage</b>             |              |              |                                   |                         |   |                     |                |
| 2006 .....                         | ---          | 15           | 17.0                              | 255                     | ---                                     | ---                 | ---            |
| 2007 .....                         | ---          | 11           | 15.0                              | 165                     | ---                                     | ---                 | ---            |
| 2008 .....                         | ---          | 10           | 17.0                              | 170                     | ---                                     | ---                 | ---            |
| 2009 .....                         | ---          | 9            | 17.5                              | 158                     | ---                                     | ---                 | ---            |
| 2010 .....                         | ---          | 8            | 15.5                              | 124                     | ---                                     | ---                 | ---            |
| 2011 <sup>2</sup> .....            | ---          | 8            | 17.5                              | 140                     | ---                                     | ---                 | ---            |
| <b>Alfalfa Hay</b>                 |              |              |                                   |                         |   |                     |                |
| 2006 .....                         | ---          | 25           | 2.50                              | 63                      | 153.00                                  | 9,639               | 386            |
| 2007 .....                         | ---          | 20           | 2.70                              | 54                      | 175.00                                  | 9,450               | 473            |
| 2008 .....                         | ---          | 20           | 2.90                              | 58                      | 176.00                                  | 10,208              | 510            |
| 2009 .....                         | ---          | 25           | 2.80                              | 70                      | 142.00                                  | 9,940               | 398            |
| 2010 .....                         | ---          | 20           | 2.90                              | 58                      | 144.00                                  | 8,352               | 418            |
| 2011 <sup>2</sup> .....            | ---          | 20           | 3.20                              | 64                      | 176.00                                  | 10,624              | 531            |
| <b>Other Hay</b>                   |              |              |                                   |                         |   |                     |                |
| 2006 .....                         | ---          | 90           | 1.90                              | 171                     | 123.00                                  | 21,033              | 234            |
| 2007 .....                         | ---          | 95           | 1.60                              | 152                     | 142.00                                  | 21,584              | 227            |
| 2008 .....                         | ---          | 95           | 1.90                              | 181                     | 135.00                                  | 24,435              | 257            |
| 2009 .....                         | ---          | 85           | 1.90                              | 162                     | 113.00                                  | 18,306              | 215            |
| 2010 .....                         | ---          | 85           | 1.70                              | 145                     | 114.00                                  | 16,530              | 194            |
| 2011 <sup>2</sup> .....            | ---          | 85           | 1.90                              | 162                     | 141.00                                  | 20,736              | 244            |
| <b>All Hay</b>                     |              |              |                                   |                         |   |                     |                |
| 2006 .....                         | ---          | 115          | 2.03                              | 234                     | 131.00                                  | 30,672              | 267            |
| 2007 .....                         | ---          | 115          | 1.79                              | 206                     | 151.00                                  | 31,034              | 270            |
| 2008 .....                         | ---          | 115          | 2.08                              | 239                     | 145.00                                  | 34,643              | 301            |
| 2009 .....                         | ---          | 110          | 2.11                              | 232                     | 122.00                                  | 28,246              | 257            |
| 2010 .....                         | ---          | 105          | 1.93                              | 203                     | 123.00                                  | 24,882              | 237            |
| 2011 <sup>2</sup> .....            | ---          | 105          | 2.15                              | 226                     | 151.00                                  | 31,360              | 299            |

<sup>1</sup> Yield per acre, production, and season average price of grains in bushels; silage and hay in tons.

<sup>2</sup> Preliminary.

<sup>3</sup> Corn acres planted (first column) is for all purposes including silage and other; remaining columns relate only to corn for grain.

## New Jersey: Field Crops, Acreage, Yield, Production, Price, and Value of Production, 2006-2011

| Year                    | Acres        |              | Yield<br>Per<br>Acre <sup>1</sup> | Production <sup>1</sup> | Season<br>Average<br>Price <sup>1</sup> | Value of Production |                |
|-------------------------|--------------|--------------|-----------------------------------|-------------------------|---|---------------------|----------------|
|                         | Planted      | Harvested    |                                   |                         |   | Total               | Per Acre       |
|                         | <i>1,000</i> | <i>1,000</i> |                                   | <i>1,000</i>            | <i>Dollars</i>                          | <i>\$1,000</i>      | <i>Dollars</i> |
| <b>Potatoes</b>         |              |              |                                   |                         |   |                     |                |
| 2006 .....              | 2.5          | 2.5          | 240                               | 600                     | 8.70                                    | 5,220               | 2,088          |
| 2007 .....              | 2.4          | 2.4          | 265                               | 636                     | 7.20                                    | 4,579               | 1,908          |
| 2008 .....              | 2.0          | 2.0          | 230                               | 460                     | 13.10                                   | 6,026               | 3,013          |
| 2009 .....              | 2.1          | 2.1          | 260                               | 546                     | 8.90                                    | 4,859               | 2,314          |
| 2010 .....              | 1.9          | 1.7          | 230                               | 391                     | 12.20                                   | 4,770               | 2,806          |
| 2011 <sup>2</sup> ..... | 2.0          | 1.8          | 190                               | 342                     | (D)                                     | (D)                 | (D)            |
| <b>Soybeans</b>         |              |              |                                   |                         |   |                     |                |
| 2006 .....              | 88           | 86           | 35                                | 3,010                   | 6.25                                    | 18,813              | 219            |
| 2007 .....              | 82           | 80           | 31                                | 2,480                   | 10.10                                   | 25,048              | 313            |
| 2008 .....              | 92           | 90           | 30                                | 2,700                   | 9.75                                    | 26,325              | 293            |
| 2009 .....              | 89           | 87           | 42                                | 3,654                   | 9.37                                    | 34,238              | 394            |
| 2010 .....              | 94           | 92           | 24                                | 2,208                   | 11.70                                   | 25,834              | 281            |
| 2011 <sup>2</sup> ..... | 88           | 86           | 38                                | 3,268                   | 12.10                                   | 37,229              | 433            |
| <b>Sweet Potatoes</b>   |              |              |                                   |                         |   |                     |                |
| 2006 .....              | 1.2          | 1.2          | 135                               | 162                     | 27.70                                   | 4,487               | 3,739          |
| 2007 .....              | 1.2          | 1.2          | 100                               | 120                     | 27.40                                   | 3,288               | 2,740          |
| 2008 .....              | 1.2          | 1.2          | 125                               | 150                     | 26.90                                   | 4,035               | 3,363          |
| 2009 .....              | 1.2          | 1.2          | 110                               | 132                     | 29.00                                   | 3,828               | 3,190          |
| 2010 .....              | 1.3          | 1.3          | 110                               | 143                     | 32.60                                   | 4,662               | 3,586          |
| 2011 <sup>2</sup> ..... | 1.3          | 1.3          | 150                               | 195                     | 29.30                                   | 5,714               | 4,395          |
| <b>Winter Wheat</b>     |              |              |                                   |                         |   |                     |                |
| 2006 .....              | 25           | 22           | 60                                | 1,320                   | 3.80                                    | 5,016               | 228            |
| 2007 .....              | 31           | 28           | 51                                | 1,428                   | 5.80                                    | 8,282               | 296            |
| 2008 .....              | 35           | 33           | 61                                | 2,013                   | 6.15                                    | 12,380              | 375            |
| 2009 .....              | 34           | 29           | 51                                | 1,479                   | 3.84                                    | 5,679               | 196            |
| 2010 .....              | 28           | 23           | 49                                | 1,127                   | 5.04                                    | 5,680               | 247            |
| 2011 <sup>2</sup> ..... | 35           | 31           | 49                                | 1,519                   | 6.15                                    | 9,266               | 299            |

<sup>1</sup> Yield per acre, production, and season average price of potatoes and sweet potatoes in hundredweight; soybeans and wheat in bushels.

<sup>2</sup> Preliminary.

(D) - Discontinued

### New Jersey: Corn Acres Planted for All Purposes, by County, 2006-2011

| County                  | 2006             | 2007             | 2008             | 2009             | 2010             | 2011 <sup>1</sup> |
|-------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| <b>North District</b>   |                  |                  |                  |                  |                  |                   |
| Bergen .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Essex .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Hudson .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Hunterdon .....         | 6,800            | 10,700           | 10,600           | 9,500            | 8,400            | 9,100             |
| Morris .....            | 1,200            | 700              | 1,300            | 1,200            | ( <sup>2</sup> ) | 1,300             |
| Passaic .....           | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Somerset .....          | 3,000            | 2,800            | 3,000            | 2,200            | ( <sup>2</sup> ) | 1,900             |
| Sussex .....            | 4,600            | 3,600            | 4,500            | 4,300            | 4,700            | 4,900             |
| Union .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Warren .....            | 19,600           | 19,200           | 19,000           | 18,400           | 19,200           | 21,400            |
| Other counties .....    | ---              | ---              | ---              | ---              | 3,600            | ---               |
| <b>Central District</b> |                  |                  |                  |                  |                  |                   |
| Burlington .....        | 7,200            | 9,700            | 7,400            | 7,500            | 7,500            | 8,300             |
| Mercer .....            | 3,200            | 4,100            | 3,200            | 3,100            | 2,600            | 4,300             |
| Middlesex .....         | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 3,900            | 3,900            | 3,100            | 4,000             |
| Monmouth .....          | 2,000            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 2,000            | ( <sup>2</sup> ) | 1,800             |
| Ocean .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 500              | ( <sup>2</sup> ) | 700               |
| Other counties .....    | 3,600            | 2,700            | 2,600            | ---              | 2,100            | ---               |
| <b>South District</b>   |                  |                  |                  |                  |                  |                   |
| Atlantic .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Camden .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Cape May .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Cumberland .....        | 5,100            | 8,300            | 5,800            | 5,100            | 5,200            | 5,500             |
| Gloucester .....        | 4,000            | 3,600            | 3,500            | 3,300            | 4,000            | 5,000             |
| Salem .....             | 19,100           | 23,700           | 19,100           | 17,900           | 18,500           | 20,900            |
| Other counties .....    | 600              | 1,000            | 1,100            | 1,100            | 1,100            | 900               |
| <b>Total .....</b>      | <b>80,000</b>    | <b>95,000</b>    | <b>85,000</b>    | <b>80,000</b>    | <b>80,000</b>    | <b>90,000</b>     |

<sup>1</sup> Preliminary.

<sup>2</sup> Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

### New Jersey: Corn, Harvested Acreage for Grain, by County, 2006-2011

| County                  | 2006             | 2007               | 2008             | 2009             | 2010             | 2011 <sup>1</sup> |
|-------------------------|------------------|--------------------|------------------|------------------|------------------|-------------------|
| <b>North District</b>   |                  |                    |                  |                  |                  |                   |
| Bergen .....            | ( <sup>2</sup> ) | ( <sup>2</sup> )   | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Essex .....             | ( <sup>2</sup> ) | ( <sup>2</sup> )   | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Hudson .....            | ( <sup>2</sup> ) | ( <sup>2</sup> )   | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Hunterdon .....         | 5,700            | 9,200              | 9,900            | 8,200            | 7,700            | 8,800             |
| Morris .....            | 1,000            | 600                | 1,200            | 1,000            | ( <sup>2</sup> ) | 1,200             |
| Passaic .....           | ( <sup>2</sup> ) | ( <sup>2</sup> )   | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Somerset .....          | 2,200            | 2,400              | 2,700            | 1,900            | ( <sup>2</sup> ) | 1,700             |
| Sussex .....            | 2,600            | 3,100              | 3,700            | 3,300            | 3,000            | 3,500             |
| Union .....             | ( <sup>2</sup> ) | ( <sup>2</sup> )   | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Warren .....            | 14,600           | 16,600             | 15,900           | 16,500           | 17,400           | 19,500            |
| Other counties .....    | ---              | ---                | ---              | ---              | 3,100            | ---               |
| <b>Central District</b> |                  |                    |                  |                  |                  |                   |
| Burlington .....        | 6,500            | 8,400              | 6,800            | 7,200            | 7,100            | 8,200             |
| Mercer .....            | 2,900            | 3,500              | 2,900            | 2,700            | 2,400            | 3,800             |
| Middlesex .....         | ( <sup>2</sup> ) | <sup>2</sup> 4,300 | 3,500            | 3,600            | 2,800            | 3,900             |
| Monmouth .....          | 1,600            | ( <sup>2</sup> )   | ( <sup>2</sup> ) | 1,800            | ( <sup>2</sup> ) | 1,700             |
| Ocean .....             | ( <sup>2</sup> ) | ( <sup>2</sup> )   | ( <sup>2</sup> ) | 400              | ( <sup>2</sup> ) | 500               |
| Other counties .....    | 3,400            | 2,300              | 2,400            | ---              | 1,800            | ---               |
| <b>South District</b>   |                  |                    |                  |                  |                  |                   |
| Atlantic .....          | ( <sup>2</sup> ) | ( <sup>2</sup> )   | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Camden .....            | ( <sup>2</sup> ) | ( <sup>2</sup> )   | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Cape May .....          | ( <sup>2</sup> ) | ( <sup>2</sup> )   | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Cumberland .....        | 4,100            | 7,100              | 5,000            | 4,400            | 4,700            | 4,600             |
| Gloucester .....        | 2,800            | 3,100              | 2,900            | 2,400            | 3,000            | 4,200             |
| Salem .....             | 16,100           | 20,500             | 16,200           | 15,700           | 17,100           | 18,700            |
| Other counties .....    | 500              | 900                | 900              | 900              | 900              | 700               |
| <b>Total .....</b>      | <b>64,000</b>    | <b>82,000</b>      | <b>74,000</b>    | <b>70,000</b>    | <b>71,000</b>    | <b>81,000</b>     |

<sup>1</sup> Preliminary.

<sup>2</sup> Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.



**New Jersey: Corn for Grain, Yield per Acre, by County, 2006-2011 <sup>3</sup>**

| County                  | 2006             | 2007             | 2008             | 2009             | 2010             | 2011 <sup>1</sup> |
|-------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| <b>North District</b>   |                  |                  |                  |                  |                  |                   |
| Bergen .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Essex .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Hudson .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Hunterdon .....         | 134              | 156              | 126              | 135              | 116              | 123               |
| Morris .....            | 98               | 137              | 120              | 130              | ( <sup>2</sup> ) | 107               |
| Passaic .....           | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Somerset .....          | 86               | 109              | 104              | 120              | ( <sup>2</sup> ) | 86                |
| Sussex .....            | 126              | 131              | 128              | 120              | 102              | 123               |
| Union .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Warren .....            | 134              | 145              | 133              | 145              | 141              | 126               |
| Other counties .....    | ---              | ---              | ---              | ---              | 78               | ---               |
| <b>Central District</b> |                  |                  |                  |                  |                  |                   |
| Burlington .....        | 114              | 111              | 105              | 129              | 72               | 103               |
| Mercer .....            | 129              | 141              | 126              | 131              | 82               | 122               |
| Middlesex .....         | ( <sup>2</sup> ) | 173              | 116              | 135              | 82               | 128               |
| Monmouth .....          | 110              | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 133              | ( <sup>2</sup> ) | 125               |
| Ocean .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 105              | ( <sup>2</sup> ) | 88                |
| Other counties .....    | 128              | 107              | 103              | ---              | 69               | ---               |
| <b>South District</b>   |                  |                  |                  |                  |                  |                   |
| Atlantic .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Camden .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Cape May .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Cumberland .....        | 126              | 85               | 120              | 153              | 125              | 130               |
| Gloucester .....        | 123              | 74               | 62               | 144              | 78               | 134               |
| Salem .....             | 142              | 110              | 110              | 164              | 132              | 131               |
| Other counties .....    | 95               | 80               | 33               | 126              | 62               | 67                |
| <b>Total .....</b>      | <b>129</b>       | <b>124</b>       | <b>116</b>       | <b>143</b>       | <b>114</b>       | <b>123</b>        |

<sup>1</sup> Preliminary.

<sup>2</sup> Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

<sup>3</sup> Yields are rounded to nearest whole bushel.

**New Jersey: Corn for Grain, Production, by County, 2006-2011 <sup>3</sup>**

| County                  | 2006             | 2007              | 2008             | 2009              | 2010             | 2011 <sup>1</sup> |
|-------------------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|
| <b>North District</b>   |                  |                   |                  |                   |                  |                   |
| Bergen .....            | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Essex .....             | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Hudson .....            | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Hunterdon .....         | 763,800          | 1,435,200         | 1,247,400        | 1,107,000         | 893,000          | 1,082,000         |
| Morris .....            | 98,000           | 82,200            | 144,000          | 130,000           | ( <sup>2</sup> ) | 128,000           |
| Passaic .....           | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Somerset .....          | 189,200          | 261,600           | 280,800          | 228,000           | ( <sup>2</sup> ) | 146,000           |
| Sussex .....            | 327,600          | 406,100           | 473,600          | 396,000           | 306,000          | 431,000           |
| Union .....             | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Warren .....            | 1,956,400        | 2,407,000         | 2,114,700        | 2,392,500         | 2,453,000        | 2,459,000         |
| Other counties .....    | ---              | ---               | ---              | ---               | 243,000          | ---               |
| <b>Central District</b> |                  |                   |                  |                   |                  |                   |
| Burlington .....        | 741,000          | 932,400           | 714,000          | 928,800           | 511,000          | 846,000           |
| Mercer .....            | 374,100          | 493,500           | 365,400          | 353,700           | 197,000          | 462,000           |
| Middlesex .....         | ( <sup>2</sup> ) | 743,900           | 406,000          | 486,000           | 230,000          | 500,000           |
| Monmouth .....          | 176,000          | ( <sup>2</sup> )  | ( <sup>2</sup> ) | 239,400           | ( <sup>2</sup> ) | 212,000           |
| Ocean .....             | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> ) | 42,000            | ( <sup>2</sup> ) | 44,000            |
| Other counties .....    | 435,200          | 246,500           | 247,000          | ---               | 125,000          | ---               |
| <b>South District</b>   |                  |                   |                  |                   |                  |                   |
| Atlantic .....          | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Camden .....            | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Cape May .....          | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> ) | ( <sup>2</sup> )  | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Cumberland .....        | 516,600          | 603,500           | 600,000          | 673,200           | 589,000          | 598,000           |
| Gloucester .....        | 344,400          | 229,400           | 179,800          | 345,600           | 234,000          | 563,000           |
| Salem .....             | 2,286,200        | 2,255,000         | 1,782,000        | 2,574,800         | 2,257,000        | 2,445,000         |
| Other counties .....    | 47,500           | 71,700            | 29,300           | 113,000           | 56,000           | 47,000            |
| <b>Total .....</b>      | <b>8,256,000</b> | <b>10,168,000</b> | <b>8,584,000</b> | <b>10,010,000</b> | <b>8,094,000</b> | <b>9,963,000</b>  |

<sup>1</sup> Preliminary.

<sup>2</sup> Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

<sup>3</sup> Production reported in bushels.

**New Jersey: Soybeans for Beans, Harvested Acreage, by County, 2006-2011**

| County                  | 2006             | 2007             | 2008             | 2009             | 2010             | 2011             |
|-------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| <b>North District</b>   |                  |                  |                  |                  |                  |                  |
| Bergen .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Essex .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Hudson .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Hunterdon .....         | 5,000            | 4,400            | 4,800            | 4,200            | 5,300            | 4,900            |
| Morris .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Passaic .....           | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Somerset .....          | 1,200            | 1,300            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Sussex .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Union .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Warren .....            | 5,200            | 5,400            | 5,100            | 5,100            | 6,200            | 4,900            |
| Other counties .....    | 200              | 200              | 2,100            | 1,700            | 2,400            | 2,800            |
| <b>Central District</b> |                  |                  |                  |                  |                  |                  |
| Burlington .....        | 20,300           | 18,600           | 21,300           | 19,600           | 22,500           | 20,500           |
| Mercer .....            | 5,500            | 4,000            | 5,300            | 5,000            | 4,900            | 4,950            |
| Middlesex .....         | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Monmouth .....          | 4,400            | 5,100            | 5,300            | 5,400            | 5,600            | 6,000            |
| Ocean .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Other counties .....    | 5,200            | 4,000            | 4,200            | 4,700            | 3,800            | 2,950            |
| <b>South District</b>   |                  |                  |                  |                  |                  |                  |
| Atlantic .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Camden .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Cape May .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Cumberland .....        | 9,600            | 10,600           | 9,200            | 8,200            | 9,600            | 9,500            |
| Gloucester .....        | 7,900            | 5,500            | 7,900            | 8,300            | ( <sup>2</sup> ) | 7,500            |
| Salem .....             | 21,100           | 20,500           | 24,100           | 24,400           | 23,500           | 21,400           |
| Other counties .....    | 400              | 400              | 700              | 400              | 8,200            | 600              |
| <b>Total .....</b>      | <b>86,000</b>    | <b>80,000</b>    | <b>90,000</b>    | <b>87,000</b>    | <b>92,000</b>    | <b>86,000</b>    |

<sup>1</sup> Included in other counties.

<sup>2</sup> Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

**New Jersey: Soybeans for Beans, Yield Per Acre, by County, 2006-2011 <sup>1</sup>**

| County                  | 2006             | 2007             | 2008             | 2009             | 2010             | 2011             |
|-------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| <b>North District</b>   |                  |                  |                  |                  |                  |                  |
| Bergen .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Essex .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Hudson .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Hunterdon .....         | 42               | 37               | 34               | 41               | 30               | 40               |
| Morris .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Passaic .....           | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Somerset .....          | 40               | 43               | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Sussex .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Union .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Warren .....            | 45               | 47               | 42               | 44               | 44               | 45               |
| Other counties .....    | 39               | 46               | 32               | 40               | 19               | 32               |
| <b>Central District</b> |                  |                  |                  |                  |                  |                  |
| Burlington .....        | 36               | 33               | 31               | 39               | 20               | 35               |
| Mercer .....            | 36               | 41               | 29               | 39               | 16               | 36               |
| Middlesex .....         | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Monmouth .....          | 35               | 35               | 27               | 41               | 18               | 40               |
| Ocean .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Other counties .....    | 35               | 41               | 35               | 43               | 17               | 40               |
| <b>South District</b>   |                  |                  |                  |                  |                  |                  |
| Atlantic .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Camden .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Cape May .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Cumberland .....        | 32               | 18               | 22               | 41               | 27               | 38               |
| Gloucester .....        | 29               | 26               | 23               | 46               | ( <sup>2</sup> ) | 36               |
| Salem .....             | 33               | 26               | 31               | 44               | 27               | 36               |
| Other counties .....    | 32               | 28               | 28               | 41               | 18               | 33               |
| <b>Total .....</b>      | <b>35</b>        | <b>31</b>        | <b>30</b>        | <b>42</b>        | <b>24</b>        | <b>38</b>        |

<sup>1</sup> Yields are rounded to nearest whole bushel.

<sup>2</sup> Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

**New Jersey: Soybeans for Beans, Production, by County, 2006-2011 <sup>3</sup>**

| County                  | 2006             | 2007             | 2008             | 2009             | 2010             | 2011 <sup>1</sup> |
|-------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| <b>North District</b>   |                  |                  |                  |                  |                  |                   |
| Bergen .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Essex .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Hudson .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Hunterdon .....         | 210,000          | 162,800          | 163,200          | 172,200          | 159,000          | 195,000           |
| Morris .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Passaic .....           | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Somerset .....          | 48,000           | 55,900           | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Sussex .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Union .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Warren .....            | 234,000          | 253,800          | 214,200          | 224,400          | 270,000          | 220,000           |
| Other counties .....    | 7,800            | 9,200            | 67,100           | 68,000           | 45,000           | 89,000            |
| <b>Central District</b> |                  |                  |                  |                  |                  |                   |
| Burlington .....        | 730,800          | 613,800          | 660,300          | 764,400          | 448,000          | 718,000           |
| Mercer .....            | 198,000          | 164,000          | 153,700          | 195,000          | 78,000           | 179,000           |
| Middlesex .....         | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Monmouth .....          | 154,000          | 178,500          | 143,100          | 221,400          | 101,000          | 240,000           |
| Ocean .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Other counties .....    | 182,000          | 164,000          | 147,600          | 200,900          | 66,000           | 119,000           |
| <b>South District</b>   |                  |                  |                  |                  |                  |                   |
| Atlantic .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Camden .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Cape May .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Cumberland .....        | 307,200          | 190,800          | 202,400          | 336,200          | 259,000          | 361,000           |
| Gloucester .....        | 229,100          | 143,000          | 181,700          | 381,800          | ( <sup>2</sup> ) | 270,000           |
| Salem .....             | 696,300          | 533,000          | 747,100          | 1,073,600        | 634,000          | 771,000           |
| Other counties .....    | 12,800           | 11,200           | 19,600           | 16,100           | 148,000          | 20,000            |
| <b>Total .....</b>      | <b>3,010,000</b> | <b>2,480,000</b> | <b>2,700,000</b> | <b>3,654,000</b> | <b>2,208,000</b> | <b>3,268,000</b>  |

<sup>1</sup> Preliminary.

<sup>2</sup> Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

<sup>3</sup> Production reported in bushels.

### New Jersey: Wheat for Grain, Harvested Acreage, by County, 2006-2011

| County                  | 2006             | 2007             | 2008             | 2009             | 2010             | 2011 <sup>1</sup> |
|-------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| <b>North District</b>   |                  |                  |                  |                  |                  |                   |
| Bergen .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Essex .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Hudson .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Hunterdon .....         | 2,300            | 2,200            | 2,100            | 2,000            | 2,000            | 2,600             |
| Morris .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Passaic .....           | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Somerset .....          | 1,500            | 1,200            | 1,600            | 1,300            | 1,400            | 1,700             |
| Sussex .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Union .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Warren .....            | 1,000            | 1,200            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Other counties .....    | ---              | 100              | 1,600            | 1,500            | 900              | 1,700             |
| <b>Central District</b> |                  |                  |                  |                  |                  |                   |
| Burlington .....        | 2,200            | 3,700            | 4,500            | 3,700            | 2,400            | 4,300             |
| Mercer .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Middlesex .....         | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Monmouth .....          | 800              | 600              | 800              | 1,000            | 800              | 1,400             |
| Ocean .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Other counties .....    | 400              | 600              | 900              | 700              | 500              | 900               |
| <b>South District</b>   |                  |                  |                  |                  |                  |                   |
| Atlantic .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Camden .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Cape May .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Cumberland .....        | 4,900            | 7,800            | 6,900            | 5,700            | 3,700            | 5,100             |
| Gloucester .....        | 2,600            | 2,400            | 4,200            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Salem .....             | 6,000            | 8,100            | 9,900            | 9,200            | 7,500            | 8,700             |
| Other counties .....    | 300              | 100              | 500              | 3,900            | 3,800            | 4,600             |
| <b>Total .....</b>      | <b>22,000</b>    | <b>28,000</b>    | <b>33,000</b>    | <b>29,000</b>    | <b>23,000</b>    | <b>31,000</b>     |

<sup>1</sup> Preliminary.

<sup>2</sup> Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

### New Jersey: Wheat for Grain, Yield Per Acre, by County, 2006-2011 <sup>3</sup>

| County                  | 2006             | 2007             | 2008             | 2009             | 2010             | 2011 <sup>1</sup> |
|-------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| <b>North District</b>   |                  |                  |                  |                  |                  |                   |
| Bergen .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Essex .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Hudson .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Hunterdon .....         | 55               | 56               | 59               | 52               | 46               | 38                |
| Morris .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Passaic .....           | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Somerset .....          | 54               | 44               | 52               | 52               | 40               | 42                |
| Sussex .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Union .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Warren .....            | 56               | 57               | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Other counties .....    | ---              | 53               | 54               | 46               | 59               | 59                |
| <b>Central District</b> |                  |                  |                  |                  |                  |                   |
| Burlington .....        | 64               | 55               | 57               | 55               | 53               | 49                |
| Mercer .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Middlesex .....         | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Monmouth .....          | 55               | 57               | 64               | 56               | 45               | 51                |
| Ocean .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Other counties .....    | 65               | 55               | 58               | 43               | 62               | 51                |
| <b>South District</b>   |                  |                  |                  |                  |                  |                   |
| Atlantic .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Camden .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Cape May .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Cumberland .....        | 61               | 48               | 63               | 46               | 50               | 49                |
| Gloucester .....        | 58               | 48               | 53               | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Salem .....             | 63               | 51               | 68               | 57               | 52               | 54                |
| Other counties .....    | 60               | 49               | 60               | 42               | 41               | 45                |
| <b>Total .....</b>      | <b>60</b>        | <b>51</b>        | <b>61</b>        | <b>51</b>        | <b>49</b>        | <b>49</b>         |

<sup>1</sup> Preliminary.

<sup>2</sup> Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

<sup>3</sup> Yields are rounded to the nearest whole bushel.



**New Jersey: Wheat for Grain, Production, by County, 2006-2011 <sup>3</sup>**

| County                  | 2006             | 2007             | 2008             | 2009             | 2010             | 2011 <sup>1</sup> |
|-------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| <b>North District</b>   |                  |                  |                  |                  |                  |                   |
| Bergen .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Essex .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Hudson .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Hunterdon .....         | 126,500          | 123,200          | 123,900          | 104,000          | 92,000           | 98,000            |
| Morris .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Passaic .....           | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Somerset .....          | 81,000           | 52,800           | 83,200           | 67,600           | 56,000           | 71,100            |
| Sussex .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Union .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Warren .....            | 56,000           | 68,400           | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Other counties .....    | ---              | 5,300            | 85,400           | 69,100           | 53,000           | 99,900            |
| <b>Central District</b> |                  |                  |                  |                  |                  |                   |
| Burlington .....        | 140,800          | 203,500          | 256,500          | 203,500          | 128,000          | 212,000           |
| Mercer .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Middlesex .....         | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Monmouth .....          | 44,000           | 34,200           | 51,200           | 56,000           | 36,000           | 72,000            |
| Ocean .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Other counties .....    | 26,000           | 33,000           | 52,200           | 30,100           | 31,000           | 46,000            |
| <b>South District</b>   |                  |                  |                  |                  |                  |                   |
| Atlantic .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Camden .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Cape May .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Cumberland .....        | 298,900          | 374,400          | 434,700          | 262,200          | 185,000          | 249,000           |
| Gloucester .....        | 150,800          | 115,200          | 222,600          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Salem .....             | 378,000          | 413,100          | 673,200          | 524,400          | 390,000          | 466,000           |
| Other counties .....    | 18,000           | 4,900            | 30,100           | 162,100          | 156,000          | 205,000           |
| <b>Total .....</b>      | <b>1,320,000</b> | <b>1,428,000</b> | <b>2,013,000</b> | <b>1,479,000</b> | <b>1,127,000</b> | <b>1,519,000</b>  |

<sup>1</sup> Preliminary.

<sup>2</sup> Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

<sup>3</sup> Production reported in bushels.

### New Jersey: Alfalfa Hay, Harvested Acreage, by County, 2006-2011

| County                  | 2006             | 2007             | 2008             | 2009             | 2010             | 2011 <sup>1</sup> |
|-------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| <b>North District</b>   |                  |                  |                  |                  |                  |                   |
| Bergen .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Essex .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Hudson .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Hunterdon .....         | 3,200            | 1,500            | 1,500            | ( <sup>2</sup> ) | 1,600            | 1,500             |
| Morris .....            | ( <sup>2</sup> ) | 600              | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 600               |
| Passaic .....           | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Somerset .....          | 1,100            | 1,000            | 1,000            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 1,000             |
| Sussex .....            | 4,400            | 3,200            | 3,200            | 3,700            | ( <sup>2</sup> ) | 2,900             |
| Union .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Warren .....            | 3,500            | 2,800            | 2,800            | ( <sup>2</sup> ) | 2,800            | 3,000             |
| Other counties .....    | 500              | ---              | 500              | 6,800            | 4,300            | ---               |
| <b>Central District</b> |                  |                  |                  |                  |                  |                   |
| Burlington .....        | 1,700            | 900              | 900              | ( <sup>2</sup> ) | 700              | 900               |
| Mercer .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Middlesex .....         | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Monmouth .....          | 1,700            | 1,500            | 1,400            | 1,600            | 1,200            | 2,000             |
| Ocean .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Other counties .....    | 500              | 200              | 500              | 1,800            | 800              | 500               |
| <b>South District</b>   |                  |                  |                  |                  |                  |                   |
| Atlantic .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Camden .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Cape May .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Cumberland .....        | 1,100            | 1,500            | 1,400            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 1,400             |
| Gloucester .....        | 2,000            | 1,600            | 1,600            | ( <sup>2</sup> ) | 1,500            | 1,700             |
| Salem .....             | 4,800            | 4,700            | 4,700            | 6,300            | 4,700            | ( <sup>2</sup> )  |
| Other counties .....    | 500              | 500              | 500              | 4,800            | 2,400            | 4,500             |
| <b>Total .....</b>      | <b>25,000</b>    | <b>20,000</b>    | <b>20,000</b>    | <b>25,000</b>    | <b>20,000</b>    | <b>20,000</b>     |

<sup>1</sup> Preliminary.

<sup>2</sup> Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

### New Jersey: Alfalfa Hay, Yield Per Acre, by County, 2006-2011<sup>3</sup>

| County                  | 2006             | 2007             | 2008             | 2009             | 2010             | 2011 <sup>1</sup> |
|-------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| <b>North District</b>   |                  |                  |                  |                  |                  |                   |
| Bergen .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Essex .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Hudson .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Hunterdon .....         | 3.1              | 2.6              | 2.6              | ( <sup>2</sup> ) | 3.5              | 2.2               |
| Morris .....            | ( <sup>2</sup> ) | 1.9              | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 3.9               |
| Passaic .....           | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Somerset .....          | 2.3              | 3.5              | 3.0              | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 2.2               |
| Sussex .....            | 2.1              | 2.4              | 2.4              | 2.4              | ( <sup>2</sup> ) | 1.9               |
| Union .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Warren .....            | 3.0              | 2.5              | 3.3              | ( <sup>2</sup> ) | 3.5              | 4.1               |
| Other counties .....    | 2.0              | ---              | 2.9              | 2.8              | 3.0              | ---               |
| <b>Central District</b> |                  |                  |                  |                  |                  |                   |
| Burlington .....        | 2.5              | 2.7              | 3.1              | ( <sup>2</sup> ) | 2.2              | 2.9               |
| Mercer .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Middlesex .....         | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Monmouth .....          | 3.0              | 3.4              | 3.4              | 2.5              | 2.2              | 2.5               |
| Ocean .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Other counties .....    | 2.0              | 2.0              | 2.9              | 2.5              | 2.1              | 3.0               |
| <b>South District</b>   |                  |                  |                  |                  |                  |                   |
| Atlantic .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Camden .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Cape May .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Cumberland .....        | 2.2              | 2.8              | 3.0              | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 2.4               |
| Gloucester .....        | 2.2              | 2.4              | 2.6              | ( <sup>2</sup> ) | 2.6              | 5.4               |
| Salem .....             | 2.4              | 2.8              | 3.0              | 3.2              | 3.0              | ( <sup>2</sup> )  |
| Other counties .....    | 2.2              | 3.3              | 2.6              | 2.8              | 2.5              | 3.9               |
| <b>Total .....</b>      | <b>2.5</b>       | <b>2.7</b>       | <b>2.9</b>       | <b>2.8</b>       | <b>2.9</b>       | <b>3.2</b>        |

<sup>1</sup> Preliminary.

<sup>2</sup> Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

<sup>3</sup> Yields are reported in tons.

**New Jersey: Alfalfa Hay, Production, by County, 2006-2011 <sup>3</sup>**

| County                  | 2006             | 2007             | 2008             | 2009             | 2010             | 2011 <sup>1</sup> |
|-------------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| <b>North District</b>   |                  |                  |                  |                  |                  |                   |
| Bergen .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Essex .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Hudson .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Hunterdon .....         | 9,920            | 3,900            | 3,900            | ( <sup>2</sup> ) | 5,600            | 3,300             |
| Morris .....            | ( <sup>2</sup> ) | 1,140            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 2,300             |
| Passaic .....           | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Somerset .....          | 2,530            | 3,500            | 3,000            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 2,200             |
| Sussex .....            | 9,240            | 7,680            | 7,680            | 8,880            | ( <sup>2</sup> ) | 5,300             |
| Union .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Warren .....            | 10,500           | 7,000            | 9,240            | ( <sup>2</sup> ) | 9,800            | 12,100            |
| Other counties .....    | 1,000            | ---              | 1,450            | 19,200           | 12,800           | ---               |
| <b>Central District</b> |                  |                  |                  |                  |                  |                   |
| Burlington .....        | 4,250            | 2,430            | 2,790            | ( <sup>2</sup> ) | 1,540            | 2,600             |
| Mercer .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Middlesex .....         | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Monmouth .....          | 5,100            | 5,100            | 4,760            | 4,000            | 2,640            | 4,900             |
| Ocean .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Other counties .....    | 1,000            | 400              | 1,450            | 4,440            | 1,620            | 1,500             |
| <b>South District</b>   |                  |                  |                  |                  |                  |                   |
| Atlantic .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Camden .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Cape May .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )  |
| Cumberland .....        | 2,420            | 4,200            | 4,200            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | 3,300             |
| Gloucester .....        | 4,400            | 3,840            | 4,160            | ( <sup>2</sup> ) | 3,900            | 9,200             |
| Salem .....             | 11,520           | 13,160           | 14,100           | 20,160           | 14,100           | ( <sup>2</sup> )  |
| Other counties .....    | 1,120            | 1,650            | 1,270            | 13,320           | 6,000            | 17,300            |
| <b>Total .....</b>      | <b>63,000</b>    | <b>54,000</b>    | <b>58,000</b>    | <b>70,000</b>    | <b>58,000</b>    | <b>64,000</b>     |

<sup>1</sup> Preliminary.

<sup>2</sup> Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

<sup>3</sup> Production reported in bushels/ton.

### New Jersey: Other Hay, Harvested Acreage, by County, 2006-2011

| County                  | 2006             | 2007             | 2008             | 2009 <sup>1</sup> | 2010 <sup>1</sup> | 2011 <sup>1</sup> |
|-------------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| <b>North District</b>   |                  |                  |                  |                   |                   |                   |
| Bergen .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Essex .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Hudson .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Hunterdon .....         | 26,400           | 28,200           | 28,600           |                   |                   |                   |
| Morris .....            | 3,500            | 3,300            | ( <sup>2</sup> ) |                   |                   |                   |
| Passaic .....           | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Somerset .....          | 7,700            | 7,300            | 7,200            |                   |                   |                   |
| Sussex .....            | 16,100           | 15,200           | 15,500           |                   |                   |                   |
| Union .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Warren .....            | 9,800            | 9,900            | 9,900            |                   |                   |                   |
| Other counties .....    | 300              | ---              | 3,300            |                   |                   |                   |
| <b>Central District</b> |                  |                  |                  |                   |                   |                   |
| Burlington .....        | 6,200            | 5,300            | 5,500            |                   |                   |                   |
| Mercer .....            | 2,300            | 2,400            | 2,400            |                   |                   |                   |
| Middlesex .....         | 1,100            | 1,100            | ( <sup>2</sup> ) |                   |                   |                   |
| Monmouth .....          | 2,800            | 4,200            | 4,000            |                   |                   |                   |
| Ocean .....             | 500              | 1,000            | ( <sup>2</sup> ) |                   |                   |                   |
| Other counties .....    | ---              | ---              | 2,200            |                   |                   |                   |
| <b>South District</b>   |                  |                  |                  |                   |                   |                   |
| Atlantic .....          | 900              | 1,200            | 1,100            |                   |                   |                   |
| Camden .....            | 700              | ( <sup>2</sup> ) | 800              |                   |                   |                   |
| Cape May .....          | 900              | ( <sup>2</sup> ) | 600              |                   |                   |                   |
| Cumberland .....        | 2,500            | 3,200            | 3,200            |                   |                   |                   |
| Gloucester .....        | 2,300            | 2,400            | 2,600            |                   |                   |                   |
| Salem .....             | 6,000            | 7,800            | 8,100            |                   |                   |                   |
| Other counties .....    | ---              | 2,500            | ---              |                   |                   |                   |
| <b>Total .....</b>      | <b>90,000</b>    | <b>95,000</b>    | <b>95,000</b>    |                   |                   |                   |

<sup>1</sup> Discontinued in 2009.

<sup>2</sup> Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

### New Jersey: Other Hay, Yield Per Acre, by County, 2006-2011<sup>3</sup>

| County                  | 2006             | 2007             | 2008             | 2009 <sup>1</sup> | 2010 <sup>1</sup> | 2011 <sup>1</sup> |
|-------------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| <b>North District</b>   |                  |                  |                  |                   |                   |                   |
| Bergen .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Essex .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Hudson .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Hunterdon .....         | 2.0              | 1.7              | 2.2              |                   |                   |                   |
| Morris .....            | 1.8              | 1.9              | ( <sup>2</sup> ) |                   |                   |                   |
| Passaic .....           | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Somerset .....          | 1.8              | 1.5              | 1.3              |                   |                   |                   |
| Sussex .....            | 1.7              | 1.4              | 1.6              |                   |                   |                   |
| Union .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Warren .....            | 2.1              | 1.8              | 2.1              |                   |                   |                   |
| Other counties .....    | 1.7              | ---              | 2.3              |                   |                   |                   |
| <b>Central District</b> |                  |                  |                  |                   |                   |                   |
| Burlington .....        | 1.9              | 1.9              | 2.0              |                   |                   |                   |
| Mercer .....            | 2.0              | 1.4              | 1.8              |                   |                   |                   |
| Middlesex .....         | 1.9              | 1.8              | ( <sup>2</sup> ) |                   |                   |                   |
| Monmouth .....          | 1.8              | 1.5              | 1.9              |                   |                   |                   |
| Ocean .....             | 2.0              | 1.4              | ( <sup>2</sup> ) |                   |                   |                   |
| Other counties .....    | ---              | ---              | 1.7              |                   |                   |                   |
| <b>South District</b>   |                  |                  |                  |                   |                   |                   |
| Atlantic .....          | 1.4              | 1.0              | 1.2              |                   |                   |                   |
| Camden .....            | 1.7              | ( <sup>2</sup> ) | 1.1              |                   |                   |                   |
| Cape May .....          | 1.8              | ( <sup>2</sup> ) | 1.5              |                   |                   |                   |
| Cumberland .....        | 2.0              | 1.5              | 2.0              |                   |                   |                   |
| Gloucester .....        | 2.0              | 1.3              | 1.9              |                   |                   |                   |
| Salem .....             | 1.9              | 1.7              | 1.8              |                   |                   |                   |
| Other counties .....    | ---              | 0.9              | ---              |                   |                   |                   |
| <b>Total .....</b>      | <b>1.9</b>       | <b>1.6</b>       | <b>1.9</b>       |                   |                   |                   |

<sup>1</sup> Discontinued in 2009.

<sup>2</sup> Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

<sup>3</sup> Yields are reported in tons.



**New Jersey: Other Hay, Production, by County, 2006-2011 <sup>3</sup>**

| County                  | 2006             | 2007             | 2008             | 2009 <sup>1</sup> | 2010 <sup>1</sup> | 2011 <sup>1</sup> |
|-------------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| <b>North District</b>   |                  |                  |                  |                   |                   |                   |
| Bergen .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Essex .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Hudson .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Hunterdon .....         | 52,800           | 47,940           | 62,920           |                   |                   |                   |
| Morris .....            | 6,300            | 6,270            | ( <sup>2</sup> ) |                   |                   |                   |
| Passaic .....           | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Somerset .....          | 13,860           | 10,950           | 9,360            |                   |                   |                   |
| Sussex .....            | 27,370           | 21,280           | 24,800           |                   |                   |                   |
| Union .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Warren .....            | 20,580           | 17,820           | 20,790           |                   |                   |                   |
| Other counties .....    | 510              | ---              | 7,560            |                   |                   |                   |
| <b>Central District</b> |                  |                  |                  |                   |                   |                   |
| Burlington .....        | 11,780           | 10,070           | 11,000           |                   |                   |                   |
| Mercer .....            | 4,600            | 3,360            | 4,320            |                   |                   |                   |
| Middlesex .....         | 2,090            | 1,980            | ( <sup>2</sup> ) |                   |                   |                   |
| Monmouth .....          | 5,040            | 6,300            | 7,600            |                   |                   |                   |
| Ocean .....             | 1,000            | 1,400            | ( <sup>2</sup> ) |                   |                   |                   |
| Other counties .....    | ---              | ---              | 3,630            |                   |                   |                   |
| <b>South District</b>   |                  |                  |                  |                   |                   |                   |
| Atlantic .....          | 1,260            | 1,200            | 1,320            |                   |                   |                   |
| Camden .....            | 1,190            | ( <sup>2</sup> ) | 880              |                   |                   |                   |
| Cape May .....          | 1,620            | ( <sup>2</sup> ) | 900              |                   |                   |                   |
| Cumberland .....        | 5,000            | 4,800            | 6,400            |                   |                   |                   |
| Gloucester .....        | 4,600            | 3,120            | 4,940            |                   |                   |                   |
| Salem .....             | 11,400           | 13,260           | 14,580           |                   |                   |                   |
| Other counties .....    | ---              | 2,250            | ---              |                   |                   |                   |
| <b>Total .....</b>      | <b>171,000</b>   | <b>152,000</b>   | <b>181,000</b>   |                   |                   |                   |

<sup>1</sup> Discontinued in 2009.

<sup>2</sup> Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

<sup>3</sup> Production is reported in bushels/ton.

### New Jersey: All Hay, Harvested Acreage, by County, 2006-2011

| County                  | 2006             | 2007             | 2008             | 2009 <sup>1</sup> | 2010 <sup>1</sup> | 2011 <sup>1</sup> |
|-------------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| <b>North District</b>   |                  |                  |                  |                   |                   |                   |
| Bergen .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Essex .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Hudson .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Hunterdon .....         | 29,600           | 29,700           | 30,100           |                   |                   |                   |
| Morris .....            | 3,500            | 3,900            | ( <sup>2</sup> ) |                   |                   |                   |
| Passaic .....           | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Somerset .....          | 8,800            | 8,300            | 8,200            |                   |                   |                   |
| Sussex .....            | 20,500           | 18,400           | 18,700           |                   |                   |                   |
| Union .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Warren .....            | 13,300           | 12,700           | 12,700           |                   |                   |                   |
| Other counties .....    | 800              | ---              | 3,800            |                   |                   |                   |
| <b>Central District</b> |                  |                  |                  |                   |                   |                   |
| Burlington .....        | 7,900            | 6,200            | 6,400            |                   |                   |                   |
| Mercer .....            | 2,300            | 2,400            | 2,400            |                   |                   |                   |
| Middlesex .....         | 1,100            | 1,100            | ( <sup>2</sup> ) |                   |                   |                   |
| Monmouth .....          | 4,500            | 5,700            | 5,400            |                   |                   |                   |
| Ocean .....             | 500              | 1,000            | ( <sup>2</sup> ) |                   |                   |                   |
| Other counties .....    | 500              | 200              | 2,700            |                   |                   |                   |
| <b>South District</b>   |                  |                  |                  |                   |                   |                   |
| Atlantic .....          | 900              | 1,200            | 1,100            |                   |                   |                   |
| Camden .....            | 700              | ( <sup>2</sup> ) | 800              |                   |                   |                   |
| Cape May .....          | 900              | ( <sup>2</sup> ) | 600              |                   |                   |                   |
| Cumberland .....        | 3,600            | 4,700            | 4,600            |                   |                   |                   |
| Gloucester .....        | 4,300            | 4,000            | 4,200            |                   |                   |                   |
| Salem .....             | 10,800           | 12,500           | 12,800           |                   |                   |                   |
| Other counties .....    | 500              | 3,000            | 500              |                   |                   |                   |
| <b>Total .....</b>      | <b>115,000</b>   | <b>115,000</b>   | <b>115,000</b>   |                   |                   |                   |

<sup>1</sup> Discontinued in 2009.

<sup>2</sup> Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

### New Jersey: All Hay, Yield Per Acre, by County, 2006-2011<sup>3</sup>

| County                  | 2006             | 2007             | 2008             | 2009 <sup>1</sup> | 2010 <sup>1</sup> | 2011 <sup>1</sup> |
|-------------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| <b>North District</b>   |                  |                  |                  |                   |                   |                   |
| Bergen .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Essex .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Hudson .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Hunterdon .....         | 2.1              | 1.7              | 2.2              |                   |                   |                   |
| Morris .....            | 1.8              | 1.9              | ( <sup>2</sup> ) |                   |                   |                   |
| Passaic .....           | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Somerset .....          | 1.9              | 1.7              | 1.5              |                   |                   |                   |
| Sussex .....            | 1.8              | 1.6              | 1.7              |                   |                   |                   |
| Union .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Warren .....            | 2.3              | 2.0              | 2.4              |                   |                   |                   |
| Other counties .....    | 1.9              | ---              | 2.4              |                   |                   |                   |
| <b>Central District</b> |                  |                  |                  |                   |                   |                   |
| Burlington .....        | 2.0              | 2.0              | 2.2              |                   |                   |                   |
| Mercer .....            | 2.0              | 1.4              | 1.8              |                   |                   |                   |
| Middlesex .....         | 1.9              | 1.8              | ( <sup>2</sup> ) |                   |                   |                   |
| Monmouth .....          | 2.3              | 2.0              | 2.3              |                   |                   |                   |
| Ocean .....             | 2.0              | 1.4              | ( <sup>2</sup> ) |                   |                   |                   |
| Other counties .....    | 2.0              | 2.0              | 1.9              |                   |                   |                   |
| <b>South District</b>   |                  |                  |                  |                   |                   |                   |
| Atlantic .....          | 1.4              | 1.0              | 1.2              |                   |                   |                   |
| Camden .....            | 1.7              | ( <sup>2</sup> ) | 1.1              |                   |                   |                   |
| Cape May .....          | 1.8              | ( <sup>2</sup> ) | 1.5              |                   |                   |                   |
| Cumberland .....        | 2.1              | 1.9              | 2.3              |                   |                   |                   |
| Gloucester .....        | 2.1              | 1.7              | 2.2              |                   |                   |                   |
| Salem .....             | 2.1              | 2.1              | 2.2              |                   |                   |                   |
| Other counties .....    | 2.2              | 1.3              | 2.5              |                   |                   |                   |
| <b>Total .....</b>      | <b>2.0</b>       | <b>1.8</b>       | <b>2.1</b>       |                   |                   |                   |

<sup>1</sup> Discontinued in 2009.

<sup>2</sup> Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

<sup>3</sup> Yields are reported in tons.

**New Jersey: All Hay, Production, by County, 2006-2011 <sup>3</sup>**

| County                  | 2006             | 2007             | 2008             | 2009 <sup>1</sup> | 2010 <sup>1</sup> | 2011 <sup>1</sup> |
|-------------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| <b>North District</b>   |                  |                  |                  |                   |                   |                   |
| Bergen .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Essex .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Hudson .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Hunterdon .....         | 62,720           | 51,840           | 66,820           |                   |                   |                   |
| Morris .....            | 6,300            | 7,410            | ( <sup>2</sup> ) |                   |                   |                   |
| Passaic .....           | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Somerset .....          | 16,390           | 14,450           | 12,360           |                   |                   |                   |
| Sussex .....            | 36,610           | 28,960           | 32,480           |                   |                   |                   |
| Union .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Warren .....            | 31,080           | 24,820           | 30,030           |                   |                   |                   |
| Other counties .....    | 1,510            | ---              | 9,010            |                   |                   |                   |
| <b>Central District</b> |                  |                  |                  |                   |                   |                   |
| Burlington .....        | 16,030           | 12,500           | 13,790           |                   |                   |                   |
| Mercer .....            | 4,600            | 3,360            | 4,320            |                   |                   |                   |
| Middlesex .....         | 2,090            | 1,980            | ( <sup>2</sup> ) |                   |                   |                   |
| Monmouth .....          | 10,140           | 11,400           | 12,360           |                   |                   |                   |
| Ocean .....             | 1,000            | 1,400            | ( <sup>2</sup> ) |                   |                   |                   |
| Other counties .....    | 1,000            | 400              | 5,080            |                   |                   |                   |
| <b>South District</b>   |                  |                  |                  |                   |                   |                   |
| Atlantic .....          | 1,260            | 1,200            | 1,320            |                   |                   |                   |
| Camden .....            | 1,190            | ( <sup>2</sup> ) | 880              |                   |                   |                   |
| Cape May .....          | 1,620            | ( <sup>2</sup> ) | 900              |                   |                   |                   |
| Cumberland .....        | 7,420            | 9,000            | 10,600           |                   |                   |                   |
| Gloucester .....        | 9,000            | 6,960            | 9,100            |                   |                   |                   |
| Salem .....             | 22,920           | 26,420           | 28,680           |                   |                   |                   |
| Other counties .....    | 1,120            | 3,900            | 1,270            |                   |                   |                   |
| <b>Total .....</b>      | <b>234,000</b>   | <b>206,000</b>   | <b>239,000</b>   |                   |                   |                   |

<sup>1</sup> Discontinued in 2009.

<sup>2</sup> Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

<sup>3</sup> Production reported in tons.

**New Jersey: Potatoes, Harvested Acreage, by County, 2006-2011**

| County                  | 2006             | 2007             | 2008             | 2009 <sup>1</sup> | 2010 <sup>1</sup> | 2011 <sup>1</sup> |
|-------------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| <b>North District</b>   |                  |                  |                  |                   |                   |                   |
| Bergen .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Essex .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Hudson .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Hunterdon .....         | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Morris .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Passaic .....           | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Somerset .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Sussex .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Union .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Warren .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Other counties .....    | ---              | ---              | ---              |                   |                   |                   |
| <b>Central District</b> |                  |                  |                  |                   |                   |                   |
| Burlington .....        | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Mercer .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Middlesex .....         | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Monmouth .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Ocean .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Other counties .....    | ---              | ---              | ---              |                   |                   |                   |
| <b>South District</b>   |                  |                  |                  |                   |                   |                   |
| Atlantic .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Camden .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Cape May .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Cumberland .....        | 1,000            | 600              | 600              |                   |                   |                   |
| Gloucester .....        | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Salem .....             | 1,200            | 1,300            | 900              |                   |                   |                   |
| Other counties .....    | ---              | ---              | ---              |                   |                   |                   |
| <b>Total .....</b>      | <b>2,500</b>     | <b>2,400</b>     | <b>2,000</b>     |                   |                   |                   |

<sup>1</sup> Discontinued in 2009.

<sup>2</sup> Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

**New Jersey: Potatoes, Yield Per Acre, by County, 2006-2011<sup>3</sup>**

| County                  | 2006             | 2007             | 2008             | 2009 <sup>1</sup> | 2010 <sup>1</sup> | 2011 <sup>1</sup> |
|-------------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| <b>North District</b>   |                  |                  |                  |                   |                   |                   |
| Bergen .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Essex .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Hudson .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Hunterdon .....         | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Morris .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Passaic .....           | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Somerset .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Sussex .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Union .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Warren .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Other counties .....    | ---              | ---              | ---              |                   |                   |                   |
| <b>Central District</b> |                  |                  |                  |                   |                   |                   |
| Burlington .....        | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Mercer .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Middlesex .....         | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Monmouth .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Ocean .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Other counties .....    | ---              | ---              | ---              |                   |                   |                   |
| <b>South District</b>   |                  |                  |                  |                   |                   |                   |
| Atlantic .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Camden .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Cape May .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Cumberland .....        | 225              | 260              | 235              |                   |                   |                   |
| Gloucester .....        | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Salem .....             | 268              | 275              | 245              |                   |                   |                   |
| Other counties .....    | ---              | ---              | ---              |                   |                   |                   |
| <b>Total .....</b>      | <b>240</b>       | <b>265</b>       | <b>230</b>       |                   |                   |                   |

<sup>1</sup> Discontinued in 2009.

<sup>2</sup> Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

<sup>3</sup> Yields are reported in hundredweight.



**New Jersey: Potatoes, Production, by County, 2006-2011 <sup>3</sup>**

| County                  | 2006             | 2007             | 2008             | 2009 <sup>1</sup> | 2010 <sup>1</sup> | 2011 <sup>1</sup> |
|-------------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|
| <b>North District</b>   |                  |                  |                  |                   |                   |                   |
| Bergen .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Essex .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Hudson .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Hunterdon .....         | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Morris .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Passaic .....           | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Somerset .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Sussex .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Union .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Warren .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Other counties .....    | ---              | ---              | ---              |                   |                   |                   |
| <b>Central District</b> |                  |                  |                  |                   |                   |                   |
| Burlington .....        | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Mercer .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Middlesex .....         | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Monmouth .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Ocean .....             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Other counties .....    | ---              | ---              | ---              |                   |                   |                   |
| <b>South District</b>   |                  |                  |                  |                   |                   |                   |
| Atlantic .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Camden .....            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Cape May .....          | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Cumberland .....        | 225,000          | 156,000          | 141,000          |                   |                   |                   |
| Gloucester .....        | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |                   |                   |                   |
| Salem .....             | 321,000          | 357,500          | 220,500          |                   |                   |                   |
| Other counties .....    | ---              | ---              | ---              |                   |                   |                   |
| <b>Total .....</b>      | <b>600,000</b>   | <b>636,000</b>   | <b>460,000</b>   |                   |                   |                   |

<sup>1</sup> Discontinued in 2009.

<sup>2</sup> Counties not listed are not published due to insufficient data or to avoid disclosure of individual operations.

<sup>3</sup> Production reported in hundredweight.

## FLORICULTURE 2011

The following floriculture statistics were compiled from interviews of all known growers of floriculture crops in New Jersey. Growers must have annual gross sales exceeding \$10,000 of all floriculture crops to be included in the state tabulations. Individual crop details, including quantity sold, price, and value, are summarized only from growers whose gross sales of floriculture crops are above \$100,000.

**Value of Production:** New Jersey ranked seventh in the nation in expanded wholesale value of floriculture crops with a value of \$180 million. The total crop wholesale value for all New Jersey growers with \$100,000 or more in sales was estimated at \$169 million up 0.1 percent from \$168 million in 2010. These operations, which comprised 47 percent of all growers, accounted for 94 percent of the total value of floriculture crops. The expanded wholesale value of floriculture crops in the 15 major producing states totaled \$4.08 billion for 2011, compared with \$4.15 billion for 2010.

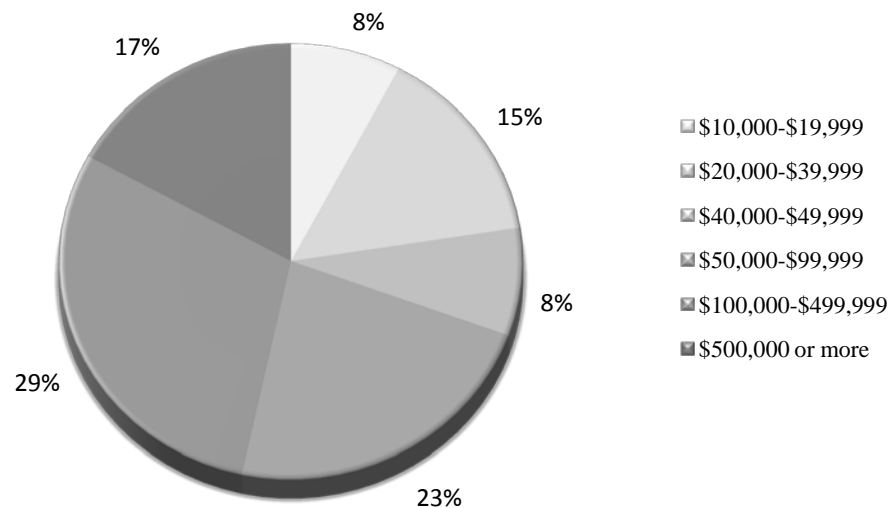
New Jersey's total bedding and garden plants sales, the largest contributor to total value of sales for growers with \$100,000 or more in sales, was \$108 million, a decrease of 2 percent from a year earlier. Potted flowering plants were up 13 percent in value to \$25.7 million. The value of cut flowers increased by 2 percent to \$12.6 million.

**Number of Producers:** The number of producers with sales over \$10,000 in New Jersey totaled 324 in 2011, a decline of 4 percent when compared with 339 in 2010. This followed the national trend of a 7 percent decline. The number of growers in New Jersey with sales of \$100,000 or more decreased from 154 growers in 2010 to 151 growers in 2011.

**Production Area:** Total covered area for floriculture crop production in the Garden State in 2011 was 21.2 million square feet. Greenhouse space in New Jersey accounted for 98 percent of the total covered area with 20.8 million square feet. Film plastic structures totaled 16.2 million square feet, glass greenhouses totaled 4.2 million square feet, fiberglass and other rigid plastic covers totaled 359 thousand square feet, and shade and temporary cover totaled 379 thousand square feet. Open ground usage totaled 2,112 acres.

**Hired Workers:** The 15 major producing states had 5,763 floriculture operations, and 4,382 of these operations hired workers. The average peak number of workers hired during the year was 18.7 workers. Operations with sales of \$100,000 to \$499,999 hired an average peak number of 10.0 workers, while operations with \$500,000 or more sales hired an average of 58.9 workers.

**New Jersey Percent of Floriculture Growers  
by Gross Value of Sales Category, 2011**



### New Jersey Floriculture: Selected Crops and State Totals, 2010-2011

| Growers with Gross Value of Sales <sup>1</sup> | Number of Growers |            | Covered Area             |                          | Expanded Wholesale Value of Sales <sup>2</sup> |                |
|--|-------------------|------------|--------------------------|--------------------------|--|----------------|
|  | 2010              | 2011       | 2010                     | 2011                     | 2010   | 2011           |
|  |                   |            | <i>1,000 square feet</i> | <i>1,000 square feet</i> | <i>\$1,000</i>                                 | <i>\$1,000</i> |
| \$100,000 and over                             | 154               | 151        | 17,431                   | 18,363                   | 167,882  | 169,257        |
| \$10,000 - \$99,999                            | 339               | 324        | 19,807                   | 21,185                   | 177,883  | 179,587        |
| <b>Total</b>                                   | <b>493</b>        | <b>475</b> | <b>37,238</b>            | <b>39,548</b>            | <b>345,765</b>                                 | <b>348,844</b> |

<sup>1</sup> Totals are not comparable between years, see Survey Procedures for detailed explanation.

<sup>2</sup> Wholesale value of sales as reported by growers with \$100,000 or more in sales of floriculture crops plus a calculated wholesale value of sales for growers with sales below \$100,000. The value of sales for growers below the \$100,000 level was estimated by multiplying the number of growers in each size group by the mid-point of each dollar value range.

### New Jersey Growing Area: By Type of Cover, 2010-2011 <sup>1</sup>

| Type of Cover                                | All Operations with \$10,000 + Sales |                          | All Operations with \$100,000 + Sales |                          |
|--|--------------------------------------|--------------------------|---------------------------------------|--------------------------|
|  | 2010                                 | 2011                     | 2010                                  | 2011                     |
|  | <i>1,000 square feet</i>             | <i>1,000 square feet</i> | <i>1,000 square feet</i>              | <i>1,000 square feet</i> |
| <b>Total Greenhouse Cover</b> .....          | 19,577                               | 20,806                   | 17,215                                | 18,042                   |
| Glass Greenhouses .....                      | 4,398                                | 4,248                    | 4,185                                 | 4,039                    |
| Fiberglass and Other Rigid Greenhouses ..... | 827                                  | 359                      | 719                                   | 259                      |
| Film Plastic Greenhouse .....                | 14,332                               | 16,199                   | 12,311                                | 13,744                   |
| <b>Shade and Temporary Cover</b> .....       | 250                                  | 379                      | 216                                   | 321                      |
| <b>Total Covered Area</b> .....              | <b>19,807</b>                        | <b>21,185</b>            | <b>17,431</b>                         | <b>18,363</b>            |

<sup>1</sup> Totals are not comparable between years, see Survey Procedures for detailed explanation.

### New Jersey Floriculture: Selected Crops and State Totals, 2010-2011

| Plant Type and Units for Quantity Sold               | Operations with \$100,000+ Sales |               |                    |                    |                                       |                |
|--|----------------------------------|---------------|--------------------|--------------------|---------------------------------------|----------------|
|  | Growers                          |               | Quantity Sold      |                    | Wholesale Value of Sales <sup>1</sup> |                |
|  | 2010                             | 2011          | 2010               | 2011               | 2010                                  | 2011           |
|  | <i>Number</i>                    | <i>Number</i> | <i>1,000 Units</i> | <i>1,000 Units</i> | <i>\$1,000</i>                        | <i>\$1,000</i> |
| <b>Bedding/Garden Plants, Total /2</b>               | *                                | *             | *                  | *                  | <b>110,398</b>                        | <b>107,704</b> |
| <b>Annuals</b>                                       | *                                | *             | *                  | *                  | 63,501                                | 68,148         |
| Hanging Baskets, Geraniums(Cuttings) .....           | 73                               | 66            | 204                | 194                | 1,656                                 | 1,531          |
| Hanging Baskets, Impatiens .....                     | 46                               | 45            | 165                | 99                 | 960                                   | 542            |
| Hanging Baskets, New Guinea Impatiens .....          | 77                               | 74            | 327                | 321                | 2,479                                 | 2,311          |
| Hanging Baskets, Petunias .....                      | 60                               | 54            | 265                | 253                | 1,815                                 | 1,581          |
| Impatiens .....                                      | 95                               | 92            | 724                | 771                | 5,734                                 | 5,736          |
| Petunias .....                                       | 94                               | 90            | 390                | 539                | 3,296                                 | 3,994          |
| Marigolds .....                                      | 95                               | 88            | 251                | 361                | 1,925                                 | 2,379          |
| Geraniums (Cuttings) .....                           | 98                               | 93            | 2,124              | 2,264              | 4,708                                 | 4,517          |
| New Guinea Impatiens .....                           | 91                               | 87            | 1,270              | 1,191              | 2,066                                 | 2,170          |
| Pansies/Violas .....                                 | 38                               | 42            | 745                | 932                | 1,069                                 | 1,424          |
| <b>Potted Herbaceous Perennials</b>                  | *                                | *             | *                  | *                  | <b>46,897</b>                         | <b>39,556</b>  |
| Hardy/Garden Chrysanthemums .....                    | 90                               | 82            | 4,872              | 4,026              | 12,361                                | 10,431         |
| Hostas .....   | 58                               | 61            | 477                | 529                | 2,080                                 | 2,340          |
| Other Potted Herbaceous Perennials .....             | 70                               | 71            | 7,842              | 6,376              | 32,456                                | 26,785         |
| <b>Flowering Plants, For Indoor Patio Use, Total</b> | *                                | *             | *                  | *                  | <b>22,732</b>                         | <b>25,686</b>  |
| Lilies, Easter .....                                 | 25                               | 28            | 168                | 235                | 822                                   | 1,184          |
| Poinsettias .....                                    | 63                               | 59            | 1,501              | 1,386              | 7,331                                 | 6,694          |
| <b>Foliage for Indoor or Patio Use, Total</b>        | *                                | *             | *                  | *                  | <b>(D)</b>                            | <b>(D)</b>     |
| Hanging Baskets, Foliage .....                       | (D)                              | (D)           | (D)                | (D)                | (D)                                   | (D)            |
| Potted Foliage .....                                 | (D)                              | (D)           | (D)                | (D)                | (D)                                   | (D)            |

\* Data is not collected.

<sup>1</sup> Equivalent wholesale value of all sales.

<sup>2</sup> Includes annual bedding plants and herbaceous perennials.

## VEGETABLES 2011

**2011 Vegetable Season:** During the 2011 growing season, conditions for vegetable development were good to excellent during the spring. Spring and early summer vegetable crops benefited from abundant moisture due to substantial melt from the previous year's snowfall. Dry spells started in early July, and irrigation was needed for most of the vegetable crops. However, in August Hurricane Irene, followed by two tropical storms, dumped more than 20 inches of rain throughout most of the state during just a one month period. As a result, many fields had standing water for more than two weeks. Continued excessive water prevented harvesting of late summer crops. The flooded conditions also caused severe damage to tomatoes, peppers, squash, and pumpkin crops. Much produce rotted in the field as a result. Despite all the damage, this season was rated overall as an above average growing season for New Jersey Vegetables.

Area harvested for the eighteen fresh market, and 5 major processing vegetables, totaled 39,100 acres. This was down 7 percent from 42,000 acres in 2010. Both fresh market and processing vegetable harvested acres declined. Combined production of fresh and processing vegetable was 311,420 tons, 17,900 tons less than 2010. Gross value for all crops was \$204.8 million in 2011, compared with \$183.2 million in 2010, as the results of sharply increasing season average prices.

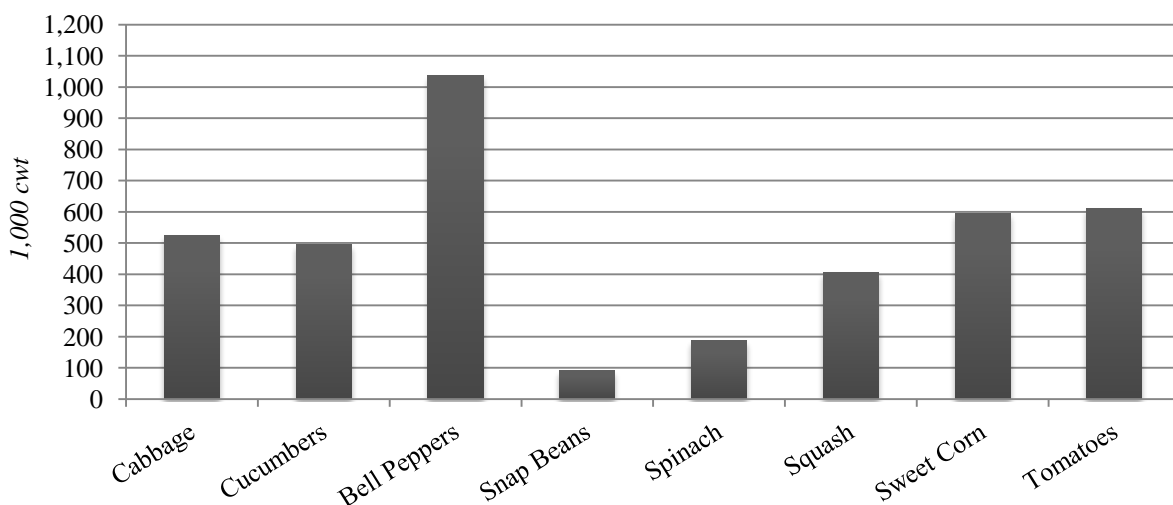
**Vegetables for Fresh Market:** There are 18 fresh market vegetables in the USDA-NASS, New Jersey Field Office estimating program. Area planted for these fresh market vegetables in 2011 totaled 37,800 acres with 33,900 acres harvested. This compares to 37,900 acres planted in 2010 and 35,900 acres harvested. Production amounted to 5.24 million hundredweight, a decrease of 4 percent from the 5.46 million hundredweight produced in 2010. Overall yield in 2011 averaged 155 hundredweight per acre, up 3 hundredweight from the previous year. Season average price was \$37.50 per hundredweight compared with \$32.10 in 2010, an increase of \$5.40 per hundredweight.

Among the fresh market vegetables, asparagus, herbs, bell peppers, and snap beans had increased harvested acres in 2011 versus the previous year. Cabbage, cucumbers, lettuce, parsley, pumpkins, spinach, summer & winter squash, and sweet corn had lower harvested acres in 2011 than in 2010. Collards, eggplant, escarole & endive, kale, and tomato acres remained the same. The total value of fresh market vegetables showed an increase of 12.1 percent from \$175.2 million in 2010 to \$196.4 million in 2011.

Ranking New Jersey's fresh market vegetables by value of production, tomatoes replaced bell peppers as the number one commodity with \$31.5 million of value. Bell peppers were second with \$30.4 million. Sweet corn and cucumbers were third and fourth with \$15.8 million and \$15.6 million, respectively. Herbs replaced lettuce, ranking fifth, with \$15.0 million.

**Vegetables for Processing:** In 2011, harvested acreage of the five major processing vegetables (green peas, snap beans, spinach, sweet corn, and tomatoes) totaled 5,200 acres, compared 6,100 acres in 2010. Harvested acres increased for snap beans. Tomato acreage remained the same. And green peas, spinach, and sweet corn acreage decline. Total production, at 49,320 tons, was a 12 percent decrease from the 56,320 tons in 2010. The season average price was \$171.20 per ton, compared with \$141.70 per ton in 2010, up \$29.50 per ton. The 2011 value of production, at \$8.45 million, was up 6 percent from \$7.98 million the previous year.

**2011 New Jersey Utilized Production  
of Fresh Market Vegetables**



**New Jersey: Vegetable Crops, Acreage, Yield, Production, Price, and Value of Production, 2006-2011**

| Year  | Acres Harvested | Yield Per Acre | Production       | Season Average Price | Value of Production |                |
|---|-----------------|----------------|------------------|----------------------|---------------------|----------------|
|   |                 |                |                  |                      | Total               | Per Acre       |
|   | <i>Acres</i>    | <i>cwt</i>     | <i>1,000 cwt</i> | <i>Dollars/cwt</i>   | <i>\$1,000</i>      | <i>Dollars</i> |
| <b>Asparagus, Jan-June, fresh market <sup>1</sup></b>           |                 |                |                  |                      |                     |                |
| 2006 .....  | 1,000           | 40             | 40               | 95.00                | 3,800               | 3,800          |
| 2007 .....  | 1,000           | 25             | 25               | 115.00               | 2,875               | 2,875          |
| 2008 .....  | 1,000           | 34             | 34               | 130.00               | 4,420               | 4,420          |
| 2009 .....  | 1,000           | 37             | 37               | 97.30                | 3,600               | 3,600          |
| 2010 .....  | 900             | 42             | 38               | 131.70               | 5,005               | 5,561          |
| 2011 .....  | 1,100           | 35             | 39               | 132.00               | 5,148               | 4,680          |
| <b>Cabbage, Jan-Dec, fresh market</b>                           |                 |                |                  |                      |                     |                |
| 2006 .....  | 1,400           | 290            | 406              | 14.80                | 6,009               | 4,292          |
| 2007 .....  | 1,500           | 345            | 518              | 13.80                | 7,148               | 4,765          |
| 2008 .....  | 1,600           | 360            | 576              | 13.50                | 7,776               | 4,860          |
| 2009 .....  | 1,600           | 345            | 552              | 15.90                | 8,777               | 5,486          |
| 2010 .....  | 1,700           | 280            | 476              | 14.50                | 6,902               | 4,060          |
| 2011 .....  | 1,400           | 375            | 525              | 17.60                | 9,240               | 6,600          |
| <b>Collard, Jan-Dec, fresh market <sup>1</sup></b>              |                 |                |                  |                      |                     |                |
| 2006 .....  | 650             | 160            | 104              | 24.80                | 2,579               | 3,968          |
| 2007 .....  | 800             | 145            | 116              | 25.70                | 2,981               | 3,726          |
| 2008 .....  | 800             | 135            | 108              | 24.40                | 2,635               | 3,294          |
| 2009 .....  | 800             | 165            | 132              | 30.90                | 4,079               | 5,099          |
| 2010 .....  | 700             | 140            | 98               | 30.00                | 2,940               | 4,200          |
| 2011 .....  | 700             | 145            | 102              | 34.20                | 3,488               | 4,983          |
| <b>Cucumber, July-Dec, fresh market</b>                         |                 |                |                  |                      |                     |                |
| 2006 .....  | 3,300           | 175            | 578              | 23.10                | 13,352              | 4,046          |
| 2007 .....  | 3,400           | 190            | 646              | 17.80                | 11,499              | 3,382          |
| 2008 .....  | 3,100           | 175            | 543              | 24.10                | 13,086              | 4,221          |
| 2009 .....  | 3,100           | 130            | 403              | 28.00                | 11,284              | 3,640          |
| 2010 .....  | 3,200           | 210            | 672              | 2,340.00             | 15,725              | 4,914          |
| 2011 .....  | 3,100           | 160            | 496              | 31.40                | 16                  | 5,024          |
| <b>Eggplant, July-Dec, fresh market <sup>1</sup></b>            |                 |                |                  |                      |                     |                |
| 2006 .....  | 900             | 230            | 207              | 22.80                | 4,720               | 5,244          |
| 2007 .....  | 900             | 255            | 230              | 21.50                | 4,945               | 5,494          |
| 2008 .....  | 900             | 290            | 261              | 27.30                | 7,125               | 7,917          |
| 2009 .....  | 900             | 320            | 288              | 29.00                | 8,352               | 9,280          |
| 2010 .....  | 900             | 245            | 221              | 28.60                | 6,321               | 7,023          |
| 2011 .....  | 900             | 255            | 230              | 37.70                | 8,671               | 9,634          |
| <b>Escarole&amp; Endive, Jan-Dec, fresh market <sup>1</sup></b> |                 |                |                  |                      |                     |                |
| 2006 .....  | 500             | 170            | 85               | 23.80                | 2,023               | 4,046          |
| 2007 .....  | 500             | 195            | 98               | 25.40                | 2,489               | 4,978          |
| 2008 .....  | 500             | 185            | 93               | 28.30                | 2,632               | 5,264          |
| 2009 .....  | 500             | 185            | 93               | 35.40                | 3,292               | 6,584          |
| 2010 .....  | 500             | 175            | 88               | 29.30                | 2,578               | 5,156          |
| 2011 .....  | 500             | 200            | 100              | 36.30                | 3,630               | 7,260          |

See footnote(s) at end of table.

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**New Jersey: Vegetable Crops, Acreage, Yield, Production, Price, and Value of Production, 2006-2011**

| Year   | Acres Harvested | Yield Per Acre | Production       | Season Average Price | Value of Production |                |
|--|-----------------|----------------|------------------|----------------------|---------------------|----------------|
|  |                 |                |                  |                      | Total               | Per Acre       |
|  | <i>Acres</i>    | <i>cwt</i>     | <i>1,000 cwt</i> | <i>Dollars/cwt</i>   | <i>\$1,000</i>      | <i>Dollars</i> |
| Herbs, Jan-Dec, fresh market <sup>1</sup>          |                 |                |                  |                      |                     |                |
| 2006 .....   | ---             | ---            | ---              | ---                  | ---                 | ---            |
| 2007 .....   | ---             | ---            | ---              | ---                  | ---                 | ---            |
| 2008 .....   | ---             | ---            | ---              | ---                  | ---                 | ---            |
| 2009 .....   | 1,800           | 150            | 270              | 48.70                | 13,149              | 7,305          |
| 2010 .....   | 1,900           | 80             | 152              | 51.00                | 7,752               | 4,080          |
| 2011 .....   | 2,000           | 115            | 230              | 65.40                | 15,042              | 7,521          |
| Kale, Jan-Dec, fresh market <sup>1</sup>           |                 |                |                  |                      |                     |                |
| 2006 .....   | 350             | 180            | 63               | 24.30                | 1,531               | 4,374          |
| 2007 .....   | 300             | 155            | 47               | 24.80                | 1,166               | 3,887          |
| 2008 .....   | 400             | 145            | 58               | 26.30                | 1,525               | 3,812          |
| 2009 .....   | 400             | 120            | 48               | 34.10                | 1,637               | 4,093          |
| 2010 .....   | 400             | 100            | 40               | 33.90                | 1,356               | 3,390          |
| 2011 .....   | 400             | 135            | 54               | 34.80                | 1,879               | 4,698          |
| Lettuce, All, Jan-Dec, fresh market <sup>1</sup>   |                 |                |                  |                      |                     |                |
| 2006 .....   | 1,500           | 163            | 245              | 19.10                | 4,691               | 3,127          |
| 2007 .....   | 1,500           | 177            | 266              | 18.70                | 4,968               | 3,312          |
| 2008 .....   | 1,800           | 195            | 351              | 21.70                | 7,617               | 4,232          |
| 2009 .....   | 1,800           | 200            | 360              | 38.30                | 13,788              | 7,660          |
| 2010 .....   | 1,900           | 210            | 399              | 37.40                | 14,923              | 7,854          |
| 2011 .....   | 1,500           | 185            | 278              | 42.30                | 11,759              | 7,839          |
| Parsley, July-Dec, fresh market <sup>1</sup>       |                 |                |                  |                      |                     |                |
| 2006 .....   | ---             | ---            | ---              | ---                  | ---                 | ---            |
| 2007 .....   | ---             | ---            | ---              | ---                  | ---                 | ---            |
| 2008 .....   | ---             | ---            | ---              | ---                  | ---                 | ---            |
| 2009 .....   | 700             | 145            | 102              | 44.60                | 4,549               | 6,499          |
| 2010 .....   | 800             | 180            | 144              | 37.10                | 5,342               | 6,678          |
| 2011 .....   | 700             | 145            | 102              | 63.90                | 6,518               | 9,311          |
| Peppers, Bell, July-Dec, fresh market <sup>1</sup> |                 |                |                  |                      |                     |                |
| 2006 .....   | 3,200           | 295            | 944              | 29.50                | 27,848              | 8,703          |
| 2007 .....   | 3,100           | 300            | 930              | 31.50                | 29,295              | 9,450          |
| 2008 .....   | 3,100           | 360            | 1,116            | 29.50                | 32,922              | 10,620         |
| 2009 .....   | 3,200           | 290            | 928              | 33.80                | 31,366              | 9,802          |
| 2010 .....   | 3,300           | 325            | 1,073            | 31.50                | 33,800              | 10,242         |
| 2011 .....   | 3,400           | 305            | 1,037            | 29.30                | 30,384              | 8,936          |
| Pumpkins, July-Dec, fresh market <sup>1</sup>      |                 |                |                  |                      |                     |                |
| 2006 .....   | 1,800           | 135            | 243              | 21.40                | 5,200               | 2,889          |
| 2007 .....   | 2,200           | 85             | 187              | 16.20                | 3,029               | 1,377          |
| 2008 .....   | 2,100           | 105            | 221              | 23.80                | 5,260               | 2,505          |
| 2009 .....   | 2,200           | 115            | 253              | 29.20                | 7,388               | 3,358          |
| 2010 .....   | 2,300           | 135            | 311              | 20.50                | 6,376               | 2,772          |
| 2011 .....   | 1,700           | 95             | 162              | 54.40                | 8,813               | 5,184          |

See footnote(s) at end of table.

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**New Jersey: Vegetable Crops, Acreage, Yield, Production, Price, and Value of Production, 2006-2011**

| Year   | Acres Harvested | Yield Per Acre | Production       | Season Average Price | Value of Production |                |
|--|-----------------|----------------|------------------|----------------------|---------------------|----------------|
|  |                 |                |                  |                      | Total               | Per Acre       |
|  | <i>Acres</i>    | <i>cwt</i>     | <i>1,000 cwt</i> | <i>Dollars/cwt</i>   | <i>\$1,000</i>      | <i>Dollars</i> |
| <b>Snap Beans, Jan-Dec, fresh market</b>                   |                 |                |                  |                      |                     |                |
| 2006 .....   | 2,800           | 25             | 70               | 48.50                | 3,395               | 1,213          |
| 2007 .....   | 2,700           | 30             | 81               | 47.00                | 3,807               | 1,410          |
| 2008 .....   | 2,500           | 38             | 95               | 45.00                | 4,275               | 1,710          |
| 2009 .....   | 2,800           | 27             | 76               | 67.40                | 5,122               | 1,829          |
| 2010 .....   | 2,600           | 30             | 78               | 35.40                | 2,761               | 1,062          |
| 2011 .....   | 2,700           | 34             | 92               | 55.00                | 5,060               | 1,874          |
| <b>Spinach, July-Dec, fresh market</b>                     |                 |                |                  |                      |                     |                |
| 2006 .....   | 1,700           | 175            | 298              | 33.70                | 10,043              | 5,908          |
| 2007 .....   | 1,600           | 100            | 160              | 42.60                | 6,816               | 4,260          |
| 2008 .....   | 1,600           | 175            | 280              | 37.20                | 10,416              | 6,510          |
| 2009 .....   | 1,500           | 135            | 203              | 43.20                | 8,770               | 5,847          |
| 2010 .....   | 1,400           | 85             | 119              | 45.90                | 5,462               | 3,901          |
| 2011 .....   | 1,200           | 155            | 186              | 45.00                | 8,370               | 6,975          |
| <b>Squash, Summer, July-Dec, fresh market <sup>1</sup></b> |                 |                |                  |                      |                     |                |
| 2006 .....   | 1,900           | 100            | 190              | 32.60                | 6,190               | 3,258          |
| 2007 .....   | 2,000           | 120            | 240              | 27.60                | 6,624               | 3,312          |
| 2008 .....   | 2,000           | 140            | 280              | 37.40                | 10,472              | 5,326          |
| 2009 .....   | 1,900           | 135            | 257              | 33.40                | 8,584               | 4,518          |
| 2010 .....   | 2,100           | 120            | 252              | 29.70                | 7,484               | 3,564          |
| 2011 .....   | 1,800           | 170            | 306              | 41.50                | 12,699              | 7,055          |
| <b>Squash, Winter, Jan-Dec, fresh market <sup>1</sup></b>  |                 |                |                  |                      |                     |                |
| 2006 .....   | 700             | 85             | 60               | 23.50                | 1,410               | 2,014          |
| 2007 .....   | 1,000           | 105            | 105              | 20.70                | 2,174               | 2,174          |
| 2008 .....   | 1,000           | 80             | 80               | 25.70                | 2,056               | 2,056          |
| 2009 .....   | 900             | 75             | 68               | 26.70                | 1,816               | 2,018          |
| 2010 .....   | 1,000           | 120            | 120              | 23.50                | 2,820               | 2,820          |
| 2011 .....   | 900             | 110            | 99               | 28.00                | 2,772               | 3,080          |
| <b>Sweet Corn, July-Dec, fresh market <sup>1</sup></b>     |                 |                |                  |                      |                     |                |
| 2006 .....   | 7,000           | 110            | 770              | 24.70                | 19,019              | 2,717          |
| 2007 .....   | 7,100           | 95             | 675              | 22.30                | 15,053              | 2,120          |
| 2008 .....   | 7,100           | 75             | 533              | 29.10                | 15,510              | 2,185          |
| 2009 .....   | 7,100           | 110            | 781              | 29.20                | 22,805              | 3,212          |
| 2010 .....   | 7,400           | 75             | 555              | 27.50                | 15,263              | 2,063          |
| 2011 .....   | 7,000           | 85             | 595              | 26.60                | 15,827              | 2,261          |
| <b>Tomatoes, All, July-Dec, fresh market</b>               |                 |                |                  |                      |                     |                |
| 2006 .....   | 2,900           | 180            | 522              | 37.60                | 19,627              | 6,768          |
| 2007 .....   | 2,900           | 205            | 595              | 39.70                | 23,622              | 8,146          |
| 2008 .....   | 2,900           | 215            | 624              | 42.70                | 26,645              | 9,188          |
| 2009 .....   | 2,900           | 220            | 638              | 53.20                | 33,942              | 11,704         |
| 2010 .....   | 2,900           | 215            | 624              | 51.90                | 32,386              | 11,168         |
| 2011 .....   | 2,900           | 210            | 609              | 51.70                | 31,485              | 10,857         |

<sup>1</sup> State estimate only.

## New Jersey: Total Principal Vegetable Crop Acreage, Production, and Value of Production, 2006-2011

| Year | Acres Harvested           |                         |              | Production                |                         |                    | Value of Production       |                         |                |
|------|---------------------------|-------------------------|--------------|---------------------------|-------------------------|--------------------|---------------------------|-------------------------|----------------|
|      | Fresh Market <sup>1</sup> | Processing <sup>2</sup> | Total        | Fresh Market <sup>1</sup> | Processing <sup>2</sup> | Total <sup>3</sup> | Fresh Market <sup>1</sup> | Processing <sup>2</sup> | Total          |
|      | <i>Acres</i>              | <i>Acres</i>            | <i>Acres</i> | <i>1,000 Tons</i>         | <i>1,000 Tons</i>       | <i>1,000 Tons</i>  | <i>\$1,000</i>            | <i>\$1,000</i>          | <i>\$1,000</i> |
| 2006 | 31,200                    | 7,500                   | 38,700       | 238.6                     | 56.0                    | 294.6              | 131,473                   | 8,489                   | 139,926        |
| 2007 | 32,500                    | 6,000                   | 38,500       | 246.0                     | 54.3                    | 300.3              | 128,491                   | 9,617                   | 138,108        |
| 2008 | 32,400                    | 6,000                   | 38,400       | 262.7                     | 58.7                    | 321.4              | 154,372                   | 11,279                  | 165,651        |
| 2009 | 35,100                    | 5,300                   | 40,400       | 274.5                     | 50.8                    | 325.2              | 192,300                   | 8,366                   | 200,666        |
| 2010 | 35,900                    | 6,100                   | 42,000       | 273.0                     | 56.3                    | 329.3              | 175,196                   | 7,983                   | 183,179        |
| 2011 | 33,900                    | 5,200                   | 39,100       | 262.1                     | 49.3                    | 311.4              | 196,359                   | 8,445                   | 204,804        |

<sup>1</sup> Fresh market vegetable crops include asparagus, cabbage, collards, cucumbers, eggplant, escarole & endive, kale, lettuce, bell peppers, pumpkins, snap beans, spinach, squash, sweet corn, and tomatoes for 2005-2008. Fresh market vegetable crops include asparagus, cabbage, collards, cucumbers, eggplant, escarole & endive, herbs, kale, lettuce, bell peppers, parsley, pumpkins, snap beans, spinach, summer and winter squash, sweet corn, and tomatoes for 2009-2011.

<sup>2</sup> Processing vegetables include tomatoes, snap beans, green peas, cucumbers, carrots, sweet corn, and spinach for 2005-2008. Processing vegetables include tomatoes, snap beans, green peas, sweet corn, and spinach for 2009-2011.

<sup>3</sup> Not equal to sum of fresh market and processing due to rounding.

## New Jersey: Vegetables, Usual Planting and Harvesting Dates

| Crop                      | Usual Planting Dates |             |        | Usual Harvesting Dates |                  |        |
|---------------------------|----------------------|-------------|--------|------------------------|------------------|--------|
|                           | Begin                | Most Active | End    | Begin                  | Most Active      | End    |
| Asparagus .....           | Mar 25               | (NA)        | May 5  | May 5                  | May 15 - Jun 15" | Jul 10 |
| Broccoli .....            | Jun 15               | (NA)        | Jul 20 | Aug 5                  | Sep 30 - Nov 10  | Nov 30 |
| Cabbage (Spring) .....    | Mar 25               | (NA)        | Jun 20 | May 15                 | Jun 10 - Aug 15  | Aug 31 |
| Cabbage (Fall) .....      | Jun 20               | (NA)        | Aug 10 | Oct 1                  | Oct 5 - Nov 10   | Dec 5  |
| Cantaloupes .....         | May 5                | (NA)        | Jun 20 | Jul 20                 | Aug 1 - Aug 31   | Sep 15 |
| Carrots .....             | Apr 10               | (NA)        | Jul 15 | Jul 15                 | Sep 10 - Oct 5   | Oct 25 |
| Cauliflower .....         | Mar 15               | (NA)        | Apr 20 | May 25                 | Jun 1 - July 10  | Jul 15 |
| Cucumber .....            | May 5                | (NA)        | Jun 15 | Jun 20                 | Jul 5 - Aug 15   | Oct 10 |
| Eggplant .....            | Apr 10               | (NA)        | May 25 | Jul 15                 | Jul 20 - Oct 15  | Nov 10 |
| Escarole .....            | Mar 20               | (NA)        | May 25 | May 25                 | Jun 10 - Oct 20  | Nov 20 |
| Lettuce (Spring) .....    | Mar 20               | (NA)        | May 15 | May 15                 | May 20 - Jul 31  | Aug 15 |
| Lettuce (Fall) .....      | Jul 20               | (NA)        | Aug 10 | Oct 1                  | Oct 10 - Nov 5   | Nov 30 |
| Lima Beans .....          | May 20               | (NA)        | Jul 15 | Aug 5                  | Aug 25 - Sep 30  | Oct 31 |
| Onions .....              | Mar 1                | (NA)        | Apr 15 | Jun 20                 | Jun 30 - Jul 31  | Oct 1  |
| Peas, Green .....         | Mar 5                | (NA)        | Apr 30 | Jun 1                  | Jun 10 - Jun 25  | Jun 30 |
| Peppers, Bell .....       | Mar 25               | (NA)        | May 31 | Jul 1                  | Jul 15 - Aug 31  | Oct 10 |
| Pumpkins .....            | May 31               | (NA)        | Jul 4  | Sep 15                 | Oct 5 - Oct 31   | Nov 20 |
| Snap Beans (Spring) ..... | Apr 10               | (NA)        | Jun 5  | Jun 10                 | Jun 20 - Jul 10  | Jul 15 |
| Snap Beans (Fall) .....   | Jun 5                | (NA)        | Aug 10 | Jul 10                 | Jul 20 - Oct 15  | Oct 31 |
| Spinach (Spring) .....    | Mar 1                | (NA)        | May 15 | Apr 15                 | May 5 - Jun 25   | Jun 30 |
| Squash (Summer) .....     | Apr 15               | (NA)        | Aug 15 | May 25                 | Jun 1 - Oct 15   | Oct 31 |
| Squash (Winter) .....     | Jun 5                | (NA)        | Jul 15 | Jul 20                 | Jul 25 - Nov 20  | Dec 10 |
| Sweet Corn .....          | Mar 25               | (NA)        | Jul 10 | Jun 20                 | Jul 5 - Aug 31   | Oct 15 |
| Tomatoes .....            | Apr 10               | (NA)        | May 25 | Jul 1                  | Jul 15 - Sep 20  | Oct 20 |

(NA) Not available.

## FRUIT 2011

The four major fruit and berry crops grown in New Jersey are apples, blueberries, cranberries, and peaches. During 2011, mild spring temperatures and adequate moisture were beneficial for fruit development. Dry weather throughout the growing season reduced the threat of disease. High temperatures during the summer months and milder weather with timely rains near the fall all had a different impact on this year's fruit crops. As the season concluded blueberries had higher production, while apples, cranberries, and peaches had lower production.

Total production of the four fruit and berry crops during 2011 amounted to 213.0 million pounds, down from 2010's production of 220.2 million pounds. Value of utilized production of these crops totaled \$180.8 million, a 25 percent increase from the 2010 total of \$144.2 million.

During 2011, among all major fruit and berry producing states in the nation, New Jersey ranked third in cranberry production, fourth in blueberry and peach production, and sixteenth in apple production. Ranking crops by value of production within the state, blueberries ranked first with \$94.7 million, peaches ranked second with \$36.6 million, while cranberries ranked third with \$26.0 million. Apples ranked fourth with \$23.5 million.

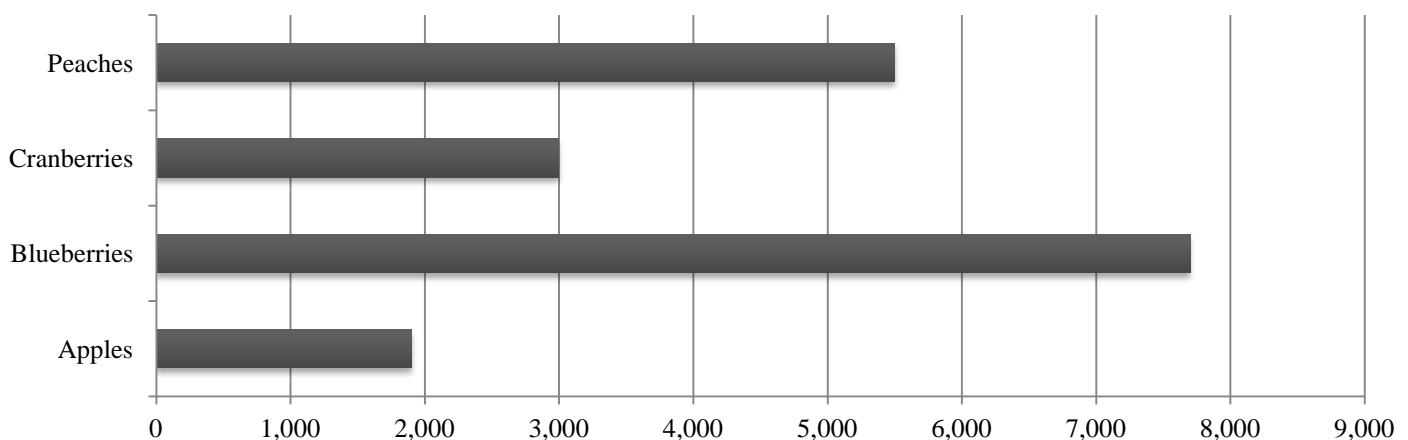
**Peaches:** Mild spring temperatures and adequate moisture provided favorable growing conditions for peaches. Bloom and fruit sets were adequate to produce a sufficient crop. Early-season peaches were large and quality was good as a result. As the season concluded, overall production was 32,000 tons with utilized production totaling 30,000 tons. Season average price, at \$1,220 per ton (61.0 cents per pound), was \$300.00 higher than 2010's price. Value of utilized production was \$36.6 million in 2011, 17 percent more than the previous year.

**Apples:** Apples started under normal growing conditions. Spring rainfall hindered pollination during bloom. Fruit sets were light as a result. Overall quality was good. Total apple production, at 36 million pounds, was down 7 million pounds from 2010. The season average price, at 67.2 cents per pound, was 19.2 cents more than in 2010. Value of utilized production was \$23.5 million in 2011 compared with \$20.2 million in 2010.

**Blueberries:** The blueberry crop's bloom and set of fruit were reported to be heavy. Blueberry production totaled 62 million pounds, an increase of 27 percent from last year. The season average price, at \$1.53 per pound, was up 25 cents from last year. The value of utilized production for the 2011 blueberry crop was \$94.7 million, an increase of 51 percent from 2010. Atlantic and Burlington counties were the leading blueberry producing areas.

**Cranberries:** Cranberry total production was 510,000 barrels, down 9 percent from the 562,000 barrels produced in 2010. The season average price was \$51.00 per barrel, down \$2.70 from last year. The value of production for the 2011 cranberry crop was \$26.0 million compared to \$30.2 million in 2010. The cranberry crop bloom, set of fruit, and fruit size were average. Burlington county was the major cranberry producing area in the Garden State.

2011 New Jersey Fruit Bearing/Harvested Acres



## New Jersey: Fruit and Berry Production, Utilization, Price, and Value of Utilized Production, 2006-2011

| Year               | Production <sup>1 2</sup> |                         | Utilization <sup>2</sup> |                         | Season Average Price Per Unit <sup>4</sup> | Value of Utilized Production |
|--------------------|---------------------------|-------------------------|--------------------------|-------------------------|--|------------------------------|
|                    | Total                     | Utilized                | Fresh <sup>3</sup>       | Processed               |  |                              |
| <b>Apples</b>      |                           |                         |                          |                         |  |                              |
|                    | <i>Million Pounds</i>     | <i>Million Pounds</i>   | <i>Million Pounds</i>    | <i>Million Pounds</i>   | <i>Cents/Pound</i>                         | <i>\$1,000</i>               |
| 2006 .....         | 45                        | 44                      | 33                       | 11                      | 41.0                                       | 18,060                       |
| 2007 .....         | 42                        | 42                      | 26                       | 16                      | 22.9                                       | 9,609                        |
| 2008 .....         | 43                        | 39                      | 25                       | 14                      | 38.1                                       | 14,841                       |
| 2009 .....         | 43                        | 42                      | 31                       | 11                      | 49.9                                       | 20,951                       |
| 2010 .....         | 43                        | 42                      | 30                       | 12                      | 48.0                                       | 20,180                       |
| 2011 .....         | 36                        | 35                      | 25                       | 10                      | 67.2                                       | 23,505                       |
| <b>Blueberries</b> |                           |                         |                          |                         |  |                              |
|                    | <i>Million Pounds</i>     | <i>Million Pounds</i>   | <i>Million Pounds</i>    | <i>Million Pounds</i>   | <i>Cents/Pound</i>                         | <i>\$1,000</i>               |
| 2006 .....         | 52                        | 52                      | 40                       | 12                      | 161  | 83,720                       |
| 2007 .....         | 54                        | 54                      | 41                       | 13                      | 167  | 90,240                       |
| 2008 .....         | 59                        | 59                      | 46                       | 13                      | 139  | 81,990                       |
| 2009 .....         | 53                        | 53                      | 45                       | 8                       | 123  | 65,260                       |
| 2010 .....         | 49                        | 49                      | 42                       | 7                       | 128  | 62,510                       |
| 2011 .....         | 62                        | 62                      | 47                       | 15                      | 153  | 94,700                       |
| <b>Cranberries</b> |                           |                         |                          |                         |  |                              |
|                    | <i>Thousand Barrels</i>   | <i>Thousand Barrels</i> | <i>Thousand Barrels</i>  | <i>Thousand Barrels</i> | <i>Dollars/Barrel</i>                      | <i>\$1,000</i>               |
| 2006 .....         | 485                       | 480                     | ( <sup>5</sup> )         | 480                     | 39.20                                      | 18,816                       |
| 2007 .....         | 531                       | 531                     | ( <sup>5</sup> )         | 531                     | 46.10                                      | 24,479                       |
| 2008 .....         | 512                       | 512                     | ( <sup>5</sup> )         | 512                     | 53.60                                      | 27,443                       |
| 2009 .....         | 555                       | 555                     | ( <sup>5</sup> )         | 555                     | 54.50                                      | 30,248                       |
| 2010 .....         | 562                       | 562                     | ( <sup>5</sup> )         | 562                     | 53.30                                      | 29,955                       |
| 2011 .....         | 510                       | 510                     | ( <sup>5</sup> )         | 510                     | 51.00                                      | 26,010                       |
| <b>Peaches</b>     |                           |                         |                          |                         |  |                              |
|                    | <i>Tons</i>               | <i>Tons</i>             | <i>Tons</i>              | <i>Tons</i>             | <i>Dollars/Ton</i>                         | <i>\$1,000</i>               |
| 2006 .....         | 34,000                    | 34,000                  | 34,000                   | ( <sup>6</sup> )        | 1,050                                      | 35,700                       |
| 2007 .....         | 32,000                    | 28,800                  | 28,800                   | ( <sup>6</sup> )        | 1,140                                      | 32,832                       |
| 2008 .....         | 34,000                    | 26,000                  | 26,000                   | ( <sup>6</sup> )        | 920  | 23,920                       |
| 2009 .....         | 35,000                    | 33,000                  | 33,000                   | ( <sup>6</sup> )        | 1,020                                      | 33,660                       |
| 2010 .....         | 36,000                    | 34,000                  | 34,000                   | ( <sup>6</sup> )        | 920  | 31,280                       |
| 2011 .....         | 32,000                    | 30,000                  | 30,000                   | ( <sup>6</sup> )        | 1,220                                      | 36,600                       |

<sup>1</sup> Difference between total production and that having utilized value is economic abandonment and/or excess cullage of mature fruit. For cranberries, differences also include the quantity set aside under the Cranberry Marketing Order.

<sup>2</sup> Production and utilization for apples and blueberries are in million pounds, for cranberries in thousand barrels, and for peaches in tons.

<sup>3</sup> Includes quantities used in farm household or given away.

<sup>4</sup> Price for apples and blueberries is in cents per pound. Price for cranberries is in dollars per barrel. Price for peaches is in tons.

<sup>5</sup> Included in processed utilization.

<sup>6</sup> Included in fresh utilization.

## New Jersey: Fruits and Berries, Usual Full Bloom and Harvesting Dates

| Crop               | Usual Planting Dates |             |        | Usual Harvesting Dates |                 |        |
|--------------------|----------------------|-------------|--------|------------------------|-----------------|--------|
|                    | Begin                | Most Active | End    | Begin                  | Most Active     | End    |
| Apples .....       | Apr 12               | (NA)        | Apr 20 | Jul 15                 | Sep 1 - Oct 25  | Oct 31 |
| Blueberries .....  | Apr 15               | (NA)        | May 15 | Jun 15                 | Jun 27 - Jul 11 | Aug 15 |
| Cranberries .....  | Jun 1                | (NA)        | Jul 15 | Sep 10                 | Oct 5 - Nov 5   | Nov 18 |
| Grapes .....       | May 20               | (NA)        | Jun 10 | Aug 20                 | Sep 10 - Sep20  | Oct 10 |
| Peaches .....      | Apr7                 | (NA)        | Apr 15 | Jul 5                  | Jul 20 - Aug 31 | Sep 15 |
| Strawberries ..... | May 1                | (NA)        | May 10 | May 20                 | Jun 1 - Jun 31  | Jul 10 |

(NA) Not available.

### New Jersey: Apple, Harvested Acreage, by State, 2006-2011

| State                   | 2006             | 2007           | 2008           | 2009           | 2010           | 2011 <sup>1</sup> |
|-------------------------|------------------|----------------|----------------|----------------|----------------|-------------------|
|                         | <b>Harvested</b> |                |                |                |                |                   |
|                         | <i>Acres</i>     | <i>Acres</i>   | <i>Acres</i>   | <i>Acres</i>   | <i>Acres</i>   | <i>Acres</i>      |
| <b>New Jersey .....</b> | <b>2,200</b>     | <b>2,100</b>   | <b>2,000</b>   | <b>2,000</b>   | <b>2,000</b>   | <b>1,900</b>      |
| Maryland .....          | 2,400            | 2,400          | 1,900          | 1,900          | 1,850          | 1,750             |
| New York .....          | 45,000           | 42,000         | 42,000         | 42,000         | 42,000         | 42,000            |
| Pennsylvania .....      | 21,000           | 21,500         | 21,000         | 21,000         | 21,000         | 34,000            |
| Virginia .....          | 12,000           | 12,000         | 12,000         | 11,800         | 11,800         | 11,800            |
| <b>U.S. Total .....</b> | <b>369,990</b>   | <b>363,440</b> | <b>350,590</b> | <b>347,800</b> | <b>341,950</b> | <b>330,600</b>    |

<sup>1</sup> Preliminary.

### New Jersey: Apple, Yield, by State, 2006-2011

| State                   | 2006                      | 2007          | 2008          | 2009          | 2010          | 2011 <sup>1</sup> |
|-------------------------|---------------------------|---------------|---------------|---------------|---------------|-------------------|
|                         | <b>Yield <sup>2</sup></b> |               |               |               |               |                   |
|                         | <i>Pounds</i>             | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i>     |
| <b>New Jersey .....</b> | <b>20,500</b>             | <b>20,000</b> | <b>21,500</b> | <b>21,500</b> | <b>21,500</b> | <b>18,900</b>     |
| Maryland .....          | 14,200                    | 13,800        | 21,800        | 24,500        | 23,000        | 22,900            |
| New York .....          | 28,000                    | 31,200        | 30,200        | 32,600        | 30,200        | 29,000            |
| Pennsylvania .....      | 22,400                    | 21,900        | 21,000        | 24,300        | 23,400        | 21,800            |
| Virginia .....          | 18,300                    | 17,900        | 18,800        | 20,800        | 16,900        | 18,600            |
| <b>U.S. Total .....</b> | <b>27,300</b>             | <b>25,900</b> | <b>27,500</b> | <b>27,900</b> | <b>27,100</b> | <b>28,500</b>     |

<sup>1</sup> Preliminary.

<sup>2</sup> Yield is based on total production, which includes unharvested production and fruit harvested but not sold due to market conditions.

### New Jersey: Apple, Production, by State, 2006-2011

| State                   | 2006                  | 2007                  | 2008                  | 2009                  | 2010                  | 2011 <sup>1</sup>     |
|-------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                         | <b>Production</b>     |                       |                       |                       |                       |                       |
|                         | <i>Million Pounds</i> | <i>Million Pounds</i> | <i>Million Pounds</i> | <i>Million Pounds</i> | <i>Million Pounds</i> | <i>Million Pounds</i> |
| <b>New Jersey .....</b> | <b>45.0</b>           | <b>42.0</b>           | <b>43.0</b>           | <b>43.0</b>           | <b>43.0</b>           | <b>36.0</b>           |
| Maryland .....          | 34.0                  | 33.0                  | 41.5                  | 46.5                  | 42.5                  | 40.0                  |
| New York .....          | 1,260.0               | 1,310.0               | 1,270.0               | 1,370.0               | 1,270.0               | 1,220.0               |
| Pennsylvania .....      | 470.0                 | 470.0                 | 440.0                 | 510.0                 | 492.0                 | 458.0                 |
| Virginia .....          | 220.0                 | 215.0                 | 226.0                 | 245.0                 | 200.0                 | 220.0                 |
| <b>U.S. Total .....</b> | <b>9,823.4</b>        | <b>9,089.4</b>        | <b>9,633.3</b>        | <b>9,704.9</b>        | <b>9,281.6</b>        | <b>9,420.0</b>        |

<sup>1</sup> Preliminary.

### New Jersey: Peach, Harvested Acreage, by State, 2006-2011

| State                         | 2006             | 2007         | 2008         | 2009         | 2010         | 2011         |
|-------------------------------|------------------|--------------|--------------|--------------|--------------|--------------|
|                               | <b>Harvested</b> |              |              |              |              |              |
|                               | <i>Acres</i>     | <i>Acres</i> | <i>Acres</i> | <i>Acres</i> | <i>Acres</i> | <i>Acres</i> |
| <b>New Jersey</b> .....       | <b>6,600</b>     | <b>6,300</b> | <b>6,200</b> | <b>6,200</b> | <b>6,100</b> | <b>5,500</b> |
| California <sup>1</sup> ..... | 32,000           | 31,000       | 31,000       | 28,000       | 27,000       | 25,000       |
| Georgia .....                 | 10,000           | 9,500        | 9,500        | 10,500       | 10,800       | 10,200       |
| South Carolina .....          | 14,000           | 14,000       | 14,000       | 14,000       | 15,500       | 15,500       |
| Pennsylvania .....            | 4,300            | 4,300        | 4,400        | 4,400        | 4,400        | 4,400        |
| U.S. Total .....              | 129,130          | 125,310      | 124,000      | 118,830      | 117,630      | 112,480      |

<sup>1</sup> Freestone variety.

### New Jersey: Peach, Yield, by State, 2006-2011

| State                         | 2006         | 2007        | 2008        | 2009        | 2010        | 2011        |
|-------------------------------|--------------|-------------|-------------|-------------|-------------|-------------|
|                               | <b>Yield</b> |             |             |             |             |             |
|                               | <i>Tons</i>  | <i>Tons</i> | <i>Tons</i> | <i>Tons</i> | <i>Tons</i> | <i>Tons</i> |
| <b>New Jersey</b> .....       | <b>5.15</b>  | <b>5.08</b> | <b>5.48</b> | <b>5.65</b> | <b>5.90</b> | <b>5.82</b> |
| California <sup>1</sup> ..... | 11.00        | 14.40       | 14.00       | 12.50       | 14.30       | 15.20       |
| Georgia .....                 | 4.10         | 1.37        | 2.95        | 3.05        | 3.70        | 3.53        |
| South Carolina .....          | 4.29         | 0.89        | 4.29        | 5.36        | 7.10        | 6.13        |
| Pennsylvania .....            | 5.02         | 4.41        | 4.82        | 6.34        | 4.82        | 4.02        |
| U.S. Total .....              | 7.82         | 8.99        | 9.16        | 9.29        | 9.78        | 9.53        |

<sup>1</sup> Freestone variety.

### New Jersey: Peach, Production, by State, 2006-2011

| State                         | 2006              | 2007          | 2008          | 2009          | 2010          | 2011          |
|-------------------------------|-------------------|---------------|---------------|---------------|---------------|---------------|
|                               | <b>Production</b> |               |               |               |               |               |
|                               | <i>Tons</i>       | <i>Tons</i>   | <i>Tons</i>   | <i>Tons</i>   | <i>Tons</i>   | <i>Tons</i>   |
| <b>New Jersey</b> .....       | <b>34,000</b>     | <b>32,000</b> | <b>34,000</b> | <b>35,000</b> | <b>36,000</b> | <b>32,000</b> |
| California <sup>1</sup> ..... | 353,000           | 430,000       | 433,000       | 350,000       | 385,000       | 380,000       |
| Georgia .....                 | 41,000            | 13,000        | 28,000        | 32,000        | 40,000        | 36,000        |
| South Carolina .....          | 60,000            | 12,500        | 60,000        | 75,000        | 110,000       | 95,000        |
| Pennsylvania .....            | 21,600            | 19,400        | 21,200        | 27,900        | 21,200        | 17,690        |
| U.S. Total .....              | 1,010,280         | 1,127,150     | 1,135,310     | 1,103,770     | 1,150,300     | 1,071,790     |

<sup>1</sup> Freestone variety.



**New Jersey: Blueberries, Harvested Acreage, by County, 2006-2011 <sup>1</sup>**

| County                            | 2006         | 2007         | 2008         | 2009         | 2010         | 2011         |
|-----------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                                   | <i>Acres</i> | <i>Acres</i> | <i>Acres</i> | <i>Acres</i> | <i>Acres</i> | <i>Acres</i> |
| <b>Central District</b>           |              |              |              |              |              |              |
| Burlington .....                  | 1,200        | 1,100        | 1,100        | 1,200        | 1,000        | 1,200        |
| <b>South District</b>             |              |              |              |              |              |              |
| Atlantic .....                    | 6,100        | 6,100        | 6,100        | 6,100        | 6,100        | 6,100        |
| Other Counties <sup>2</sup> ..... | 300          | 400          | 400          | 400          | 400          | 400          |
| <b>Total .....</b>                | <b>7,600</b> | <b>7,600</b> | <b>7,600</b> | <b>7,700</b> | <b>7,500</b> | <b>7,700</b> |

<sup>1</sup> Preliminary.

<sup>2</sup> The other counties could come from any district.

**New Jersey: Blueberries, Yield Per Acre, by County, 2006-2011 <sup>1</sup>**

| County                            | 2006          | 2007          | 2008          | 2009          | 2010          | 2011          |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                                   | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> | <i>Pounds</i> |
| <b>Central District</b>           |               |               |               |               |               |               |
| Burlington .....                  | 5,420         | 5,090         | 5,500         | 4,580         | 5,300         | 5,830         |
| <b>South District</b>             |               |               |               |               |               |               |
| Atlantic .....                    | 7,360         | 7,800         | 8,510         | 7,640         | 6,980         | 8,770         |
| Other Counties <sup>2</sup> ..... | 2,000         | 2,000         | 2,500         | 2,250         | 2,750         | 3,750         |
| <b>Total .....</b>                | <b>6,840</b>  | <b>7,110</b>  | <b>7,760</b>  | <b>6,880</b>  | <b>6,530</b>  | <b>8,050</b>  |

<sup>1</sup> Preliminary.

<sup>2</sup> The other counties could come from any district.

**New Jersey: Blueberries, Utilized Production, by County, 2006-2011 <sup>1</sup>**

| County                            | 2006                | 2007                | 2008                | 2009                | 2010                | 2011                |
|-----------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                                   | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> | <i>1,000 Pounds</i> |
| <b>Central District</b>           |                     |                     |                     |                     |                     |                     |
| Burlington .....                  | 6,500               | 5,600               | 6,100               | 5,500               | 5,300               | 7,000               |
| <b>South District</b>             |                     |                     |                     |                     |                     |                     |
| Atlantic .....                    | 44,900              | 47,600              | 51,900              | 46,600              | 42,600              | 53,500              |
| Other Counties <sup>2</sup> ..... | 600                 | 800                 | 1,000               | 900                 | 1,100               | 1,500               |
| <b>Total .....</b>                | <b>52,000</b>       | <b>54,000</b>       | <b>59,000</b>       | <b>53,000</b>       | <b>49,000</b>       | <b>62,000</b>       |

<sup>1</sup> Preliminary.

<sup>2</sup> The other counties could come from any district.

### New Jersey: Cranberries, Harvested Acreage, by State, 2006-2011

| State                   | 2006             | 2007         | 2008         | 2009         | 2010         | 2011         |
|-------------------------|------------------|--------------|--------------|--------------|--------------|--------------|
|                         | <b>Harvested</b> |              |              |              |              |              |
|                         | <i>Acres</i>     | <i>Acres</i> | <i>Acres</i> | <i>Acres</i> | <i>Acres</i> | <i>Acres</i> |
| <b>New Jersey .....</b> | <b>3,100</b>     | <b>3,100</b> | <b>3,100</b> | <b>3,100</b> | <b>3,100</b> | <b>3,000</b> |
| Massachusetts .....     | 13,500           | 13,000       | 13,000       | 13,000       | 13,000       | 1,300        |
| Oregon .....            | 2,700            | 2,700        | 2,700        | 2,700        | 2,700        | 2,800        |
| Washington .....        | 1,700            | 1,700        | 1,700        | 1,700        | 1,700        | 1,700        |
| Wisconsin .....         | 17,500           | 17,600       | 17,700       | 18,000       | 18,000       | 1,800        |
| U.S. Total .....        | 38,500           | 38,100       | 38,200       | 38,500       | 38,500       | 38,500       |

<sup>1</sup> Preliminary.

### New Jersey: Cranberries, Yield Per Acre, by State, 2006-2011<sup>1</sup>

| State                   | 2006                  | 2007           | 2008           | 2009           | 2010           | 2011           |
|-------------------------|-----------------------|----------------|----------------|----------------|----------------|----------------|
|                         | <b>Yield Per Acre</b> |                |                |                |                |                |
|                         | <i>Barrels</i>        | <i>Barrels</i> | <i>Barrels</i> | <i>Barrels</i> | <i>Barrels</i> | <i>Barrels</i> |
| <b>New Jersey .....</b> | <b>156.5</b>          | <b>171.3</b>   | <b>165.2</b>   | <b>179.0</b>   | <b>181.3</b>   | <b>170.0</b>   |
| Massachusetts .....     | 139.7                 | 117.1          | 182.6          | 139.8          | 145.5          | 180.8          |
| Oregon .....            | 172.2                 | 183.3          | 148.1          | 159.3          | 106.3          | 128.9          |
| Washington .....        | 67.1                  | 103.5          | 64.1           | 94.7           | 63.6           | 68.1           |
| Wisconsin .....         | 225.1                 | 217.6          | 252.5          | 219.4          | 220.0          | 245.0          |
| U.S. Total .....        | 179.0                 | 172.0          | 205.9          | 179.6          | 176.9          | 201.1          |

<sup>1</sup> Preliminary.

### New Jersey: Cranberries, Total Production, by State, 2006-2011<sup>1</sup>

| State                   | 2006                    | 2007           | 2008           | 2009           | 2010           | 2011           |
|-------------------------|-------------------------|----------------|----------------|----------------|----------------|----------------|
|                         | <b>Total Production</b> |                |                |                |                |                |
|                         | <i>Barrels</i>          | <i>Barrels</i> | <i>Barrels</i> | <i>Barrels</i> | <i>Barrels</i> | <i>Barrels</i> |
| <b>New Jersey .....</b> | <b>485,000</b>          | <b>531,000</b> | <b>512,000</b> | <b>555,000</b> | <b>562,000</b> | <b>510,000</b> |
| Massachusetts .....     | 1,886,000               | 1,522,000      | 2,374,000      | 1,817,000      | 1,891,000      | 2,350,000      |
| Oregon .....            | 465,000                 | 495,000        | 400,000        | 430,000        | 290,000        | 358,000        |
| Washington .....        | 114,000                 | 176,000        | 109,000        | 161,000        | 108,200        | 115,700        |
| Wisconsin .....         | 3,940,000               | 3,830,000      | 4,470,000      | 3,950,000      | 3,960,000      | 4,410,000      |
| U.S. Total .....        | 6,890,000               | 6,554,000      | 7,865,000      | 6,913,000      | 6,808,200      | 7,711,700      |

<sup>1</sup> Preliminary.

# Agricultural Chemical Usage

## 2011 Fruit Summary

### Overview

The National Agricultural Statistics Service (NASS) Agricultural Chemical Use program is the U.S. Department of Agriculture's official source of statistics about on-farm and post-harvest fertilizer and pesticide use and pest management practices. In the fall of 2011, NASS collected data about chemical use and pest management practices for 23 fruit crops in 12 states. In New Jersey, blueberry and peaches were covered by the 2011 Fruit Chemical Usage Survey.

### Pest Management Practice

Fruit producers reported using several management practices to aid in the deterrence of pests through prevention, monitoring, and suppression. In New Jersey, producers practiced prevention, monitoring, and suppression to effectively control pests of fruit crops.

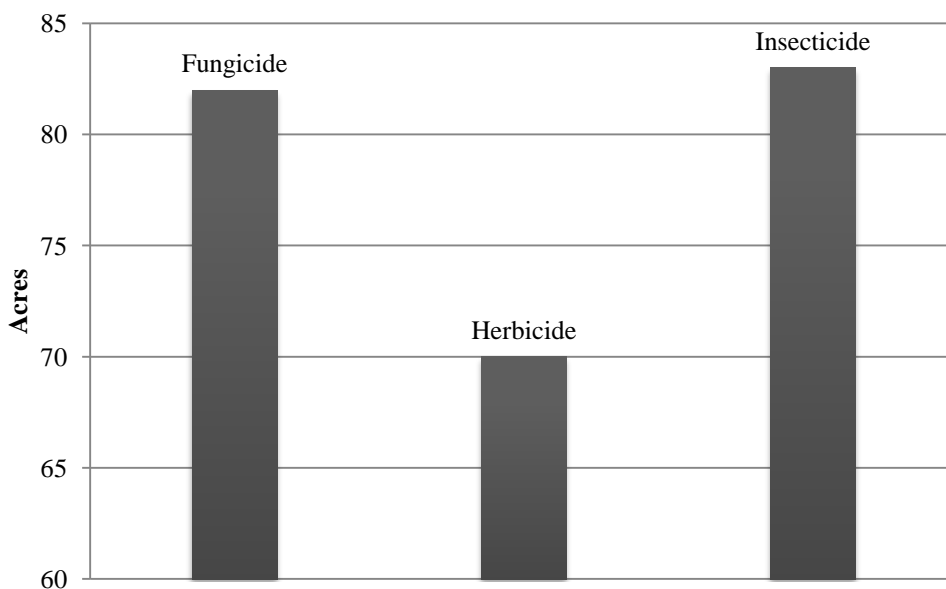
| <b>Pest Management Practices in New Jersey</b>   | % of Acres Planted | % of All Fruit Operations |
|--|--------------------|---------------------------|
| <b>Practice, Prevention</b>  |                    |                           |
| Equipment & Implements Cleaned After Field Work To Reduce Spread Of Pests.....                                     | 88                 | 60                        |
| Crop Acres Irrigated.....  | 86                 | 55                        |
| Field Edges, Ditches, Or Fence Lines Were Chopped, Sprayed, Mowed, Plowed, Or Burned.....                          | 86                 | 67                        |
| Crop Acres Cultivated For Weed Control.....  | 53                 | 59                        |
| Crop Residues Removed Or Burned Down.....  | 30                 | 42                        |
| Water Mgmt Practices Used.....   | 29                 | 8                         |
| <b>Practice, Monitoring</b>  |                    |                           |
| Scouted For Insects & Mites.....   | 96                 | 88                        |
| Scouted For Diseases.....  | 95                 | 87                        |
| Scouted For Weeds.....   | 86                 | 85                        |
| Scouted - For Pests Or Beneficial Organisms By Deliberately Going To The Crop Acres Or Growing Areas.....          | 85                 | 53                        |
| Weather Data Used To Assist Decisions.....   | 77                 | 44                        |
| Scouted For Weeds - By Operator, Partner, Or Family Member.....  | 75                 | 91                        |
| Written Or Electronic Records Kept To Track The Activity Of Pests.....   | 67                 | 26                        |
| Scouted - For Pests Due To A Pest Advisory Warning.....  | 62                 | 22                        |
| Scouted - For Pests Due To A Pest Development Model.....   | 62                 | 20                        |
| Scouted For Diseases - By Operator, Partner, Or Family Member.....   | 54                 | 82                        |
| Scouted For Insects & Mites - By Operator, Partner, Or Family Member.....  | 54                 | 82                        |
| Scouted - Established Process Used.....  | 47                 | 23                        |
| Diagnostic Laboratory Services Used For Pest Detection Via Soil Or Plant Tissue Analysis.....                      | 45                 | 17                        |
| Scouted For Diseases - By Independent Crop Consultant Or Commercial Scout.....                                     | 36                 | 14                        |
| Field Mapping Data Used To Assist Decisions.....   | 32                 | 13                        |
| Scouted For Insects & Mites - By Independent Crop Consultant Or Commercial Scout.....                              | 30                 | 14                        |
| Scouted - For Pests Or Beneficial Organisms By Conducting General Observations While Performing Routine Tasks..... | 13                 | 43                        |
| Scouted For Insects & Mites - By Employee.....   | 12                 | 2                         |
| Scouted For Weeds - By Independent Crop Consultant Or Commercial Scout.....  | 12                 | 5                         |
| Scouted For Diseases - By Farm Supply Company Or Chemical Dealer.....  | 9                  | 3                         |
| Scouted For Weeds - By Employee.....   | 8                  | 1                         |
| Scouted For Insects & Mites - By Farm Supply Company Or Chemical Dealer.....                                       | 4                  | 3                         |
| Scouted For Weeds - By Farm Supply Company Or Chemical Dealer.....   | 4                  | 3                         |
| Scouted - For Pests Or Beneficial Organisms - Not Scouted.....   | 2                  | 4                         |
| Scouted For Diseases - By Employee.....  | 1                  | 1                         |
| <b>Practice, Suppression</b>   |                    |                           |
| Biological Pesticides Applied.....   | 9                  | 6                         |
| Beneficial Organisms Applied Or Released.....  | 11                 | 7                         |
| Floral Lures, Attractants, Repellants, Pheromone Traps, Or Biological Pest Controls Used.....                      | 36                 | 24                        |
| Ground Covers, Mulches, Or Other Physical Barriers Maintained.....   | 41                 | 29                        |
| Pesticides With Different Mechanisms Of Action Used To Keep Pest From Becoming Resistant To Pesticides.....        | 70                 | 31                        |
| Scouting Data Compared To Published Information To Assist Decisions.....   | 70                 | 37                        |

## Blueberries: New Jersey, 2011 <sup>1</sup>

| Active Ingredient         | Total Applied | Rate Per Application | Application Rate Per Crop Year | Number of Applications | Area Treated   |
|---------------------------|---------------|----------------------|--------------------------------|------------------------|----------------|
|                           | <i>pounds</i> | <i>pounds</i>        | <i>pounds</i>                  | <i>number</i>          | <i>percent</i> |
| <b>Fungicide</b>          |               |                      |                                |                        |                |
| Azoxystrobin .....        | 1,800         | 0.188                | 0.422                          | 2.2                    | 54             |
| Boscalid .....            | 300           | 0.301                | 0.346                          | 1.2                    | 10             |
| Calcium Polysulfide ..... | 5,000         | 12.942               | 13.150                         | 1.0                    | 5              |
| Captan .....              | 13,700        | 2.099                | 4.129                          | 2.0                    | 43             |
| Fenbuconazole .....       | 600           | 0.153                | 0.228                          | 1.5                    | 34             |
| Mono-Potassium Salt ..... | 3,600         | 1.848                | 3.824                          | 2.1                    | 12             |
| Ziram .....               | 30,000        | 2.918                | 5.419                          | 1.9                    | 72             |
| <b>Herbicide</b>          |               |                      |                                |                        |                |
| Diuron .....              | 4,700         | 1.412                | 1.580                          | 1.1                    | 39             |
| Flumioxazin .....         | 600           | 0.256                | 0.264                          | 1.0                    | 28             |
| Norflurazon .....         | 6,200         | 2.663                | 2.958                          | 1.1                    | 27             |
| Oryzalin .....            | 7,500         | 3.438                | 3.646                          | 1.1                    | 27             |
| Paraquat .....            | 1,000         | 0.585                | 0.707                          | 1.2                    | 18             |
| Terbacil .....            | 1,100         | 0.594                | 0.665                          | 1.1                    | 22             |
| <b>Insecticide</b>        |               |                      |                                |                        |                |
| Acetamiprid .....         | 200           | 0.081                | 0.108                          | 1.3                    | 22             |
| Carbaryl .....            | 800           | 1.733                | 2.679                          | 1.5                    | 4              |
| Diazinon .....            | 900           | 0.567                | 0.627                          | 1.1                    | 19             |
| Esfenvalerate .....       | 100           | 0.033                | 0.062                          | 1.9                    | 14             |
| Imidacloprid .....        | 100           | 0.073                | 0.086                          | 1.2                    | 20             |
| Malathion .....           | 600           | 1.065                | 1.982                          | 1.9                    | 4              |
| Methomyl .....            | 2,100         | 0.676                | 0.971                          | 1.4                    | 29             |
| Phosmet .....             | 6,600         | 1.000                | 2.000                          | 1.9                    | 51             |

<sup>1</sup> Does not include active ingredients not published in order to avoid disclosure. For full table of ingredients used go to NASS, USDA, Quick Stats. <http://quickstats.nass.usda.gov>

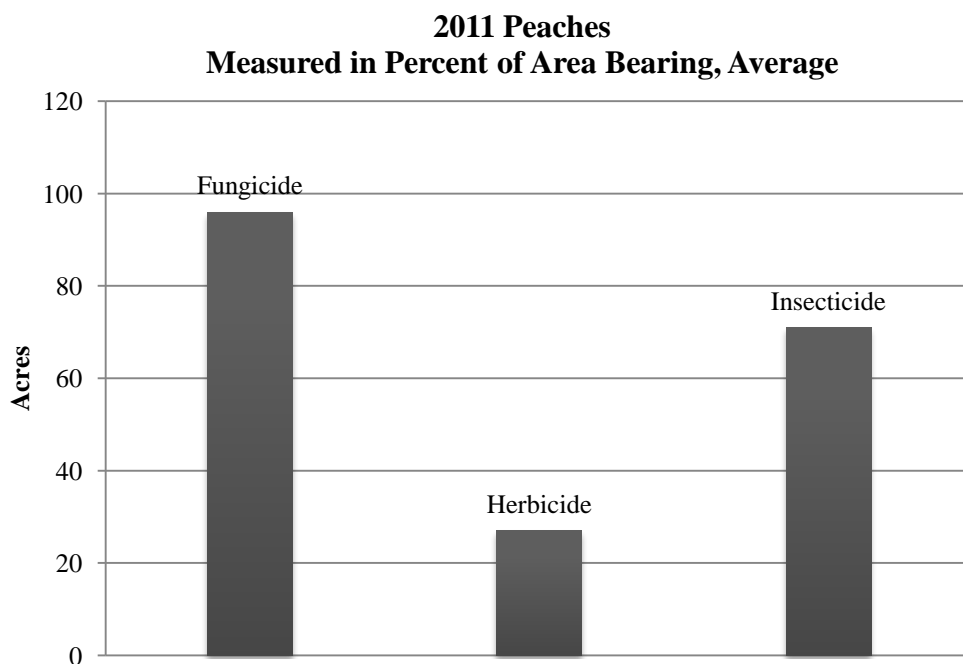
### 2011 Blueberries Measured in Percent of Area Bearing, Average



## Peaches: New Jersey, 2011 <sup>1</sup>

| Active Ingredient          | Total Applied | Rate Per Application | Application Rate Per Crop Year | Number of Applications | Area Treated   |
|----------------------------|---------------|----------------------|--------------------------------|------------------------|----------------|
|                            | <i>pounds</i> | <i>pounds</i>        | <i>pounds</i>                  | <i>number</i>          | <i>percent</i> |
| <b>Fungicide</b>           |               |                      |                                |                        |                |
| Boscalid .....             | 100           | 0.172                | 0.315                          | 1.8                    | 3              |
| Captan .....               | 10,100        | 1.509                | 4.420                          | 2.9                    | 41             |
| Chlorothonil .....         | 6,700         | 1.981                | 3.839                          | 1.9                    | 32             |
| Copper Hydroxide .....     | 800           | 0.096                | 0.661                          | 6.9                    | 22             |
| Fenbuconazole .....        | 200           | 0.242                | 0.756                          | 3.1                    | 4              |
| Oxytetracycline Calc ..... | 900           | 0.224                | 0.961                          | 4.3                    | 17             |
| Propiconazole .....        | 1,000         | 0.113                | 0.670                          | 5.9                    | 28             |
| Pyraclostobin .....        | (Z)           | 0.087                | 0.160                          | 1.8                    | 3              |
| Sulfur .....               | 135,500       | 9.005                | 52.850                         | 5.9                    | 47             |
| Thiophanate-Methyl .....   | 1,200         | 0.517                | 1.467                          | 2.8                    | 15             |
| Trifloxystrobin .....      | 700           | 0.082                | 0.326                          | 4.0                    | 38             |
| <b>Herbicide</b>           |               |                      |                                |                        |                |
| Paraquat .....             | 300           | 0.273                | 0.274                          | 1.0                    | 21             |
| Simazine .....             | 1,900         | 1.719                | 1.770                          | 1.0                    | 19             |
| <b>Insecticide</b>         |               |                      |                                |                        |                |
| Chlorpyrifos .....         | 300           | 1.729                | 1.749                          | 1.0                    | 3              |
| Cyfluthrin .....           | (Z)           | 0.024                | 0.041                          | 1.7                    | 20             |
| Esfenvalerate .....        | 100           | 0.049                | 0.120                          | 2.4                    | 23             |
| Permethrin .....           | 2,400         | 0.232                | 1.167                          | 5.0                    | 37             |
| Phosmet .....              | 2,600         | 0.950                | 3.115                          | 3.3                    | 15             |
| Thiamethoxam .....         | 1,100         | 0.085                | 0.451                          | 5.3                    | 44             |

<sup>1</sup> Does not include active ingredients not published in order to avoid disclosure. For full table of ingredients used go to NASS, USDA, Quick Stats. <http://quickstats.nass.usda.gov>



**Blueberries: Applications, Measured in Lbs, Program States, 2011**

| State                   | Bearing Acreage | Fungicide     | Herbicide     | Insecticide   | Other      |
|-------------------------|-----------------|---------------|---------------|---------------|------------|
| Georgia .....           | 12,000          | 39,100        | 21,200        | 33,900        | 1,100      |
| Michigan .....          | 18,700          | 106,400       | 23,900        | 45,500        | 4,800      |
| <b>New Jersey .....</b> | <b>7,700</b>    | <b>56,000</b> | <b>22,800</b> | <b>12,900</b> | <b>400</b> |
| North Carolina .        | 5,800           | 12,900        | 11,900        | 24,800        | 1,500      |
| Oregon .....            | 7,800           | 34,700        | 23,700        | 15,600        | 11,100     |
| Washington .....        | 7,000           | 74,000        | 23,900        | 16,500        | 8,200      |

**Blueberries: Treated, Measured in Percent of Area Planted, Average, Program States, 2011**

| State                   | Bearing Acreage | Fungicide | Herbicide | Insecticide | Other    |
|-------------------------|-----------------|-----------|-----------|-------------|----------|
| Georgia .....           | 12,000          | 80        | 67        | 72          | 22       |
| Michigan .....          | 18,700          | 94        | 51        | 96          | 24       |
| <b>New Jersey .....</b> | <b>7,700</b>    | <b>82</b> | <b>70</b> | <b>83</b>   | <b>8</b> |
| North Carolina .        | 5,800           | 88        | 80        | 93          | 8        |
| Oregon .....            | 7,800           | 82        | 67        | 68          | 33       |
| Washington .....        | 7,000           | 88        | 72        | 82          | 43       |

**Peaches: Applications, Measured in Lbs, Program States, 2011**

| State                   | Bearing Acreage | Fungicide      | Herbicide    | Insecticide  | Other      |
|-------------------------|-----------------|----------------|--------------|--------------|------------|
| California .....        | 47,500          | 660,300        | 50,100       | 14,100       | 631,700    |
| Georgia .....           | 10,200          | 360,100        | 1,200        | 8,600        | (D)        |
| Michigan .....          | 3,700           | 104,800        | 3,000        | 12,800       | 1,300      |
| <b>New Jersey .....</b> | <b>5,500</b>    | <b>168,800</b> | <b>6,700</b> | <b>9,600</b> | <b>(D)</b> |
| Pennsylvania ....       | 4,400           | 66,900         | 4,100        | 10,500       | 8,200      |
| South Carolina .        | 15,500          | 1,194,600      | 4,200        | 73,100       | 24,400     |
| Texas .....             | 4,300           | 12,300         | 4,900        | 4,400        | 1,500      |

**Peaches: Treated, Measured in Percent of Area Planted, Average, Program States, 2011**

| State                   | Bearing Acreage | Fungicide | Herbicide | Insecticide | Other      |
|-------------------------|-----------------|-----------|-----------|-------------|------------|
| California .....        | 47,500          | 72        | 42        | 49          | 57         |
| Georgia .....           | 10,200          | 95        | 8         | 95          | (D)        |
| Michigan .....          | 3,700           | 94        | 32        | 92          | 16         |
| <b>New Jersey .....</b> | <b>5,500</b>    | <b>96</b> | <b>27</b> | <b>71</b>   | <b>(D)</b> |
| Pennsylvania ....       | 4,400           | 71        | 28        | 69          | 20         |
| South Carolina .        | 15,500          | 99        | 20        | 65          | 11         |
| Texas .....             | 4,300           | 56        | 40        | 58          | 11         |

## LIVESTOCK AND LIVESTOCK PRODUCTS 2011

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All cattle and calves on farms January 1, 2012, in New Jersey totaled 31,000 head, down 1,000 head from the previous year. Value per head increased \$80 from the previous year to \$1,080. The 2012 inventory value was estimated at \$33.5 million, \$1.5 million more than the total from a year ago.

**Cattle:** The total number of milk cows and beef cows on January 1, 2012, was 7,500 head and 8,000 head, respectively, with milk cows unchanged and beef cows down 1,000 head from the previous year. Of the total cattle and calf inventory, cows that have calved accounted for 50.0 percent. Heifers weighing 500 pounds or more totaled 7,500 head, 24 percent of total inventory. Of these, 4,000 were milk cow replacements, 2,000 were beef cow replacements, and 1,500 were intended for slaughter. There were 2,000 steers weighing 500 pounds and over, 6.5 percent of all cattle and calves. Bulls at 500 pounds and over numbered 1,000 head or 3 percent of the total inventory. Calves less than 500 pounds accounted for the remaining 5,000 animals, 16 percent of all cattle and calves on January 1, 2012. The 2011 calf crop totaled 11,000 head, down 1,000 head from the previous year.

**Milk:** Milk production in the Garden State totaled 136 million pounds, down 1.4 percent from the 138 million pounds produced in 2010. The average number of milk cows was 8,000 head, unchanged from last year. Milk per cow averaged 17,000 pounds in 2011 compared to 17,500 a year earlier. Value of production of milk totaled \$27.9 million during 2011, compared to \$23.5 million in 2010.

**Hogs and Pigs:** All hogs and pigs on New Jersey farms December 1, 2011 totaled 9,000 head, up 1,000 head from the previous year. Value per head averaged \$140, an increase of \$20 from 2010. The total value of the hog and pig inventory amounted to \$1,260,000, up \$300,000 from the previous year. Of the total hogs and pigs on farm in the state, 8 percent were kept for breeding and 92 percent were market hogs. The New Jersey pig crop totaled 5,200, down 13 percent from 2010.

**Honey:** Honey production in 2011 from producers with five or more colonies totaled 451,000 pounds, down 1 percent from the 455,000 pounds produced the year before. Beekeepers received an average price of 376 cents per pound in 2011, up 98 percent from the previous year. The value of production increased from the 2010 level of \$865,000 to \$1,696,000 in 2011.



**New Jersey: Number of Livestock on Farms and Value, by Group, January 1, 2007-2012<sup>1</sup>**

| Item and Unit                                      | Number of Value |              |              |              |              |              |
|--|-----------------|--------------|--------------|--------------|--------------|--------------|
|  | 2007            | 2008         | 2009         | 2010         | 2011         | 2012         |
|  | <i>1,000</i>    | <i>1,000</i> | <i>1,000</i> | <i>1,000</i> | <i>1,000</i> | <i>1,000</i> |
| <b>All cattle and calves</b> .....No.              | 38              | 38           | 38           | 36           | 32           | 31           |
| Total Value ..... \$                               | 45,600          | 47,500       | 45,600       | 37,080       | 32,000       | 33,480       |
| <b>Cows and heifers that have calved</b> .....     |                 |              |              |              |              |              |
| Beef cows .....No.                                 | 8.5             | 9.0          | 10.0         | 9.5          | 9.0          | 8.0          |
| Milk cows .....No.                                 | 10.5            | 10.0         | 9.5          | 8.5          | 7.5          | 7.5          |
| <b>Heifers:</b>                                    |                 |              |              |              |              |              |
| Beef cows replacement .....No.                     | 2.0             | 2.0          | 2.5          | 2.2          | 2.0          | 2.0          |
| Milk cow replacement .....No.                      | 5.0             | 5.0          | 5.0          | 4.8          | 4.0          | 4.0          |
| Other .....No.                                     | 2.0             | 2.0          | 2.0          | 2.0          | 1.5          | 1.5          |
| <b>Steers, bulls and heifers:</b> .....            |                 |              |              |              |              |              |
| Steers, 500 lbs and over .....No.                  | 2.0             | 3.0          | 2.0          | 2.0          | 2.0          | 2.0          |
| Bulls, 500 lbs and over .....No.                   | 1.0             | 1.0          | 1.0          | 1.0          | 1.0          | 1.0          |
| Steers, heifers & bulls,<br>under 500 lbs .....No. | 7.0             | 6.0          | 6.0          | 6.0          | 5.0          | 5.0          |
| <b>All hogs and pigs</b> <sup>2</sup> .....No.     | 9.0             | 9.0          | 8.0          | 8.0          | 8.0          | 9.0          |
| Total value <sup>2</sup> ..... \$                  | 900             | 738          | 800          | 752          | 960          | 1,260        |
| <b>Hogs and pigs</b> .....                         |                 |              |              |              |              |              |
| Breeding <sup>2</sup> .....No.                     | 1.0             | 1.0          | 1.0          | 1.0          | 0.7          | 0.7          |
| Marketing <sup>2</sup> .....No.                    | 8.0             | 8.0          | 7.0          | 7.0          | 7.3          | 8.3          |

<sup>1</sup> Preliminary.

<sup>2</sup> Estimates are for December 1, preceding year.

**New Jersey: All Cattle and Calves, Number of Head, by County, 2007-2012<sup>1</sup>**

| County                            | 2007                  | 2008                  | 2009                  | 2010                  | 2011                  | 2012                  |
|-----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
|                                   | <i>Number of Head</i> | <i>Number of Head</i> | <i>Number of Head</i> | <i>Number of Head</i> | <i>Number of Head</i> | <i>Number of Head</i> |
| <b>North District</b>             |                       |                       |                       |                       |                       |                       |
| Hunterdon .....                   | 5,300                 | 5,300                 | 5,300                 | 5,000                 | 4,500                 | 4,300                 |
| Somerset .....                    | 1,900                 | 1,900                 | 1,900                 | 1,800                 | 1,600                 | 1,600                 |
| Sussex .....                      | 6,200                 | 6,200                 | 6,200                 | 5,900                 | 5,300                 | 5,100                 |
| Warren .....                      | 8,000                 | 8,000                 | 8,000                 | 7,500                 | 6,700                 | 6,500                 |
| <b>Central District</b>           |                       |                       |                       |                       |                       |                       |
| Burlington .....                  | 2,100                 | 2,000                 | 2,000                 | 1,900                 | 1,700                 | 1,600                 |
| Mercer .....                      | ---                   | 600                   | 600                   | 500                   | 500                   | 500                   |
| Monmouth .....                    | ---                   | 700                   | 700                   | 700                   | 600                   | 600                   |
| Ocean .....                       | ---                   | 500                   | 500                   | 500                   | ---                   | ---                   |
| <b>South District</b>             |                       |                       |                       |                       |                       |                       |
| Cumberland .....                  | 1,300                 | 1,300                 | 1,300                 | 1,200                 | 1,100                 | 1,100                 |
| Gloucester .....                  | 2,500                 | 2,500                 | 2,500                 | 2,400                 | 2,100                 | 2,000                 |
| Salem .....                       | 8,000                 | 8,000                 | 8,000                 | 7,600                 | 6,700                 | 6,500                 |
| Other counties <sup>2</sup> ..... |                       |                       |                       |                       |                       |                       |
| Total .....                       | 38,000                | 38,000                | 38,000                | 36,000                | 32,000                | 31,000                |

<sup>1</sup> Preliminary.

<sup>2</sup> The other counties could come from any district.

## New Jersey: All Cattle and Calves and Hogs and Pigs Production, Disposition, and Income, 2006-2011 <sup>1</sup>

| Item                               | 2006           | 2007          | 2008          | 2009          | 2010          | 2011             |
|------------------------------------|----------------|---------------|---------------|---------------|---------------|------------------|
| <b>Cattle and Calves</b>           |                |               |               |               |               |                  |
| Calf Crop .....                    | 14,000         | 14,000        | 14,000        | 13,500        | 12,000        | 11,000           |
| Inshipments .....                  | 1,100          | 400           | 500           | 500           | 1,300         | 1,800            |
| Marketings <sup>2</sup>            |                |               |               |               |               |                  |
| Cattle .....                       | 8,000          | 4,500         | 4,900         | 6,200         | 7,500         | 5,500            |
| Calves .....                       | 8,600          | 7,400         | 7,600         | 7,900         | 8,100         | 6,600            |
| Price per hundredweight            |                |               |               |               |               |                  |
| Cattle .....                       | \$ 53.00       | \$ 52.00      | \$ 55.00      | \$ 47.00      | \$ 55.00      | ( <sup>5</sup> ) |
| Calves .....                       | \$ 140.00      | \$ 94.00      | \$ 82.00      | \$ 78.00      | \$ 83.00      | ( <sup>5</sup> ) |
| Cash Receipts <sup>3</sup> .....   | \$1,000 9,782  | \$1,000 5,327 | \$1,000 5,187 | \$1,000 5,549 | \$1,000 7,070 | \$1,000 8,898    |
| Gross Income .....                 | \$1,000 10,707 | \$1,000 6,070 | \$1,000 5,960 | \$1,000 6,225 | \$1,000 7,836 | \$1,000 10,269   |
| <b>Hogs and Pigs</b>               |                |               |               |               |               |                  |
| Pig Crops .....                    | 5,700          | 7,000         | 6,900         | 8,800         | 6,000         | 5,200            |
| Inshipments .....                  | 19,000         | 19,000        | 19,000        | 19,000        | 19,000        | 19,000           |
| Marketing <sup>2</sup> .....       | 24,100         | 24,500        | 26,400        | 27,300        | 24,500        | 22,700           |
| Price per hundredweight .....      | \$ 37.60       | \$ 40.40      | \$ 38.60      | \$ 33.00      | \$ 49.00      | ( <sup>5</sup> ) |
| Cash Receipts <sup>3 4</sup> ..... | \$1,000 858    | \$1,000 929   | \$1,000 940   | \$1,000 832   | \$1,000 1,150 | \$1,000 1,434    |
| Gross Income .....                 | \$1,000 953    | \$1,000 1,036 | \$1,000 1,041 | \$1,000 923   | \$1,000 1,287 | \$1,000 1,592    |

<sup>1</sup> Preliminary.

<sup>2</sup> Includes custom slaughter for farm use on farms where produced and state outshipments, but excludes interfarm sales within the state.

<sup>3</sup> Receipts from marketings and sales of farm slaughter.

<sup>4</sup> Includes allowance for higher average price of state inshipments and outshipments of feeder pigs.

<sup>5</sup> Not available.

## New Jersey: Cattle Slaughtered in Commercial Plants, by Month, 2010 and 2011 <sup>1</sup>

| Month                    | Cattle Slaughtered |                  |              |                  |
|--------------------------|--------------------|------------------|--------------|------------------|
|                          | 2010               |                  | 2011         |                  |
|                          | Head               | Total Liveweight | Head         | Total Liveweight |
|                          | <i>1,000</i>       | <i>1,000lbs</i>  | <i>1,000</i> | <i>1,000lbs</i>  |
| January .....            | 2.8                | 3,147            | 3.3          | 3,693            |
| February .....           | 2.6                | 3,011            | 3.2          | 3,566            |
| March .....              | 3.3                | 3,798            | 3.6          | 4,036            |
| April .....              | 3.4                | 3,819            | 3.2          | 3,566            |
| May .....                | 3.1                | 3,493            | 3.4          | 3,841            |
| June .....               | 3.5                | 3,936            | 3.6          | 4,022            |
| July .....               | 3.3                | 3,682            | 3.4          | 3,855            |
| August .....             | 3.7                | 4,236            | 4.0          | 4,550            |
| September .....          | 3.3                | 3,736            | 3.5          | 4,069            |
| October .....            | 3.4                | 3,895            | 3.4          | 3,881            |
| November .....           | 3.6                | 4,080            | 3.3          | 3,670            |
| December .....           | 3.4                | 3,866            | 3.1          | 3,489            |
| Total <sup>2</sup> ..... | 39.5               | 44,698           | 41.0         | 46,238           |

<sup>1</sup> Includes slaughter in federally inspected and other slaughter plants, but excludes animals slaughtered on farms.

<sup>2</sup> May not add due to rounding.

**New Jersey: Pasture Condition as a Percent of Normal, 2006-2011**

| Year       | May 1          | June 1         | July 1         | August 1       | September 1    | October 1      | November 1     |
|------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|            | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| 2006 ..... | 65             | 80             | 85             | 75             | 75             | 85             | 80             |
| 2007 ..... | 80             | 75             | 80             | 75             | 85             | 70             | 70             |
| 2008 ..... | 75             | 80             | 80             | 80             | 70             | 75             | 75             |
| 2009 ..... | 80             | 85             | 85             | 90             | 85             | 85             | 85             |
| 2010 ..... | 90             | 90             | 75             | 75             | 70             | 75             | 80             |
| 2011 ..... | 95             | 95             | 95             | 85             | 95             | 95             | 95             |

<sup>1</sup> Conditions as a percent of normal for the first of the month as reported on weekly surveys.

**New Jersey: Number of Honey Producing Colonies  
Yield, Production, Price, and Value of Production, 2006 - 2011<sup>3</sup>**

| Year       | Number of Honey Producing Colonies <sup>1</sup> | Yield of Honey per Colony | Total Honey Production | Average Price per Pound <sup>2</sup> | Value of Production |
|------------|---|---------------------------|------------------------|--------------------------------------|---------------------|
|            | <i>1,000</i>                                    | <i>pounds</i>             | <i>1,000 lbs</i>       | <i>cents</i>                         | <i>\$1,000</i>      |
| 2006 ..... | 9   | 36                        | 324                    | 114                                  | 369                 |
| 2007 ..... | 9   | 57                        | 513                    | 196                                  | 1,005               |
| 2008 ..... | 9   | 40                        | 360                    | 162                                  | 583                 |
| 2009 ..... | 11  | 32                        | 352                    | 236                                  | 831                 |
| 2010 ..... | 13  | 35                        | 455                    | 190                                  | 865                 |
| 2011 ..... | 11  | 41                        | 451                    | 376                                  | 1,696               |

<sup>1</sup> Includes producers with five or more colonies. Colonies which produced honey in more than one state were counted in each state.

<sup>2</sup> All color class included and weighted by sale.

<sup>3</sup> Preliminary.

**New Jersey: Milk Production, by Quarter, 2006-2011<sup>1</sup>**

| Item and Unit                            | 2006   | 2007   | 2008   | 2009  | 2010  | 2011  |
|--|--------|--------|--------|-------|-------|-------|
| <b>January - March</b>                   |        |        |        |       |       |       |
| Average number of milk cows ..... Number | 11,500 | 10,500 | 10,000 | 9,500 | 8,500 | 8,000 |
| Total milk production ..... Million lbs  | 48     | 43     | 44     | 43    | 37    | 35    |
| <b>April - June</b>                      |        |        |        |       |       |       |
| Average number of milk cows ..... Number | 11,000 | 10,000 | 10,000 | 9,000 | 8,000 | 8,000 |
| Total milk production ..... Million lbs  | 47     | 43     | 45     | 42    | 36    | 36    |
| <b>July - September</b>                  |        |        |        |       |       |       |
| Average number of milk cows ..... Number | 10,500 | 10,000 | 9,500  | 9,000 | 7,500 | 7,500 |
| Total milk production ..... Million lbs  | 42     | 41     | 40     | 40    | 34    | 33    |
| <b>October - December</b>                |        |        |        |       |       |       |
| Average number of milk cows ..... Number | 10,500 | 10,000 | 9,500  | 8,500 | 7,500 | 7,500 |
| Total milk production ..... Million lbs  | 41     | 41     | 40     | 36    | 33    | 32    |

<sup>1</sup> Preliminary.

**New Jersey: Milk Production, Disposition and Income, 2006-11<sup>1</sup>**

| Item and Unit  | 2006   | 2007   | 2008   | 2009   | 2010   | 2011   |
|--|--------|--------|--------|--------|--------|--------|
| Average number of milk cows ..... Number                     | 11,000 | 10,000 | 10,000 | 9,000  | 8,000  | 8,000  |
| Milk per cow ..... Pound                                     | 16,182 | 16,800 | 16,900 | 17,889 | 17,500 | 17,000 |
| Total milk production <sup>2</sup> ..... Million lbs         | 178    | 168    | 169    | 161    | 140    | 136    |
| Disposition of milk produced:                                |        |        |        |        |        |        |
| Used on farm ..... Million lbs                               | 3      | 3      | 3      | 2      | 2      | 2      |
| Sold to plants ..... Million lbs                             | 189    | 175    | 165    | 159    | 138    | 134    |
| Prices received for milk by farmers <sup>3</sup> .....\$/cwt | 13.40  | 19.60  | 18.50  | 12.80  | 16.80  | 20.50  |

<sup>1</sup> Preliminary.

<sup>2</sup> Includes milk produced by institutional herds.

<sup>3</sup> Cash receipts from marketings of milk and cream plus value of milk used for home consumption.

**New Jersey: Milk Production, Disposition and Income, Cash Receipts 2006-2011<sup>1</sup>**

| Item and Unit   | 2006   | 2007   | 2008   | 2009   | 2010   | 2011   |
|---|--------|--------|--------|--------|--------|--------|
| Totals sold to plants and dealers .....\$1,000                          | 23,450 | 32,340 | 30,895 | 20,352 | 23,184 | 27,470 |
| Gross Income<br>(including home use) <sup>2</sup> .....\$1,000          | 23,584 | 32,536 | 30,988 | 20,416 | 23,268 | 27,573 |
| Total value <sup>3</sup><br>(including milk fed to calves) .....\$1,000 | 23,852 | 32,928 | 31,265 | 20,608 | 23,520 | 27,880 |

<sup>1</sup> Preliminary.

<sup>2</sup> Cash receipts from marketings of milk and cream plus value of milk used for home consumption.

<sup>3</sup> Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.

## INCOME AND EXPENSE 2011

**Cash Receipts:** New Jersey commodity cash receipts from farm marketings totaled \$1.12 billion for the 2011 calendar year. This was \$77.3 million (7 percent) above the 2010 cash receipts of \$1.04 billion. Cash Receipts increased across all categories in 2011, from .1 percent for the combined greenhouse, nursery, Christmas trees and sod categories to 31 percent for the field crops category.

**Field Crops:** Receipts for field crops in 2011 totaled \$112.2 million, up \$26.8 million from the previous year. Wheat cash receipts showed the largest percentage increase from last year, at 85 percent, but all field crops except potatoes showed increase in cash receipts from 2010. Corn cash receipts increased 47 percent over last year, sweet potato cash receipts increased by 22 percent, soybean cash receipts increased 19 percent, hay cash receipts increased 14 percent and other field crops cash receipts increased 24 percent from 2010. Potato cash receipts were down 22 percent from last year.

**Vegetables:** All vegetable cash receipts, at \$236.7 million, were up 6 percent from the previous year's level of \$223.9 million. Snap beans increased by 83 percent to \$5.1 million from \$2.8 million in 2010, followed by escarole \$3.6 million, an increase of 41 percent over last year. Kale showed a 39 percent increase over last year, at \$1.9 million, while pumpkins increased by 38 percent to \$8.8 million. Eggplant, at \$8.7 million, increased by 37 percent over last year, cabbage rose by 34 percent to \$9.2 million, while sweet corn, at \$15.8 million increased 4 percent from 2010. Asparagus, at \$5.1 million increased 3 percent over last year. All lettuce cash receipts came in at \$11.8 million, 21 percent below last year, while green peppers declined by 10 percent to \$30.4 million. Fresh market tomatoes cash receipts, at \$31.5 million, fell by 3 percent from 2010 and cucumbers decreased by .1 percent to 15.6 million. Cash receipts for miscellaneous vegetables (crops not published separately) remained unchanged at \$57.6 million.

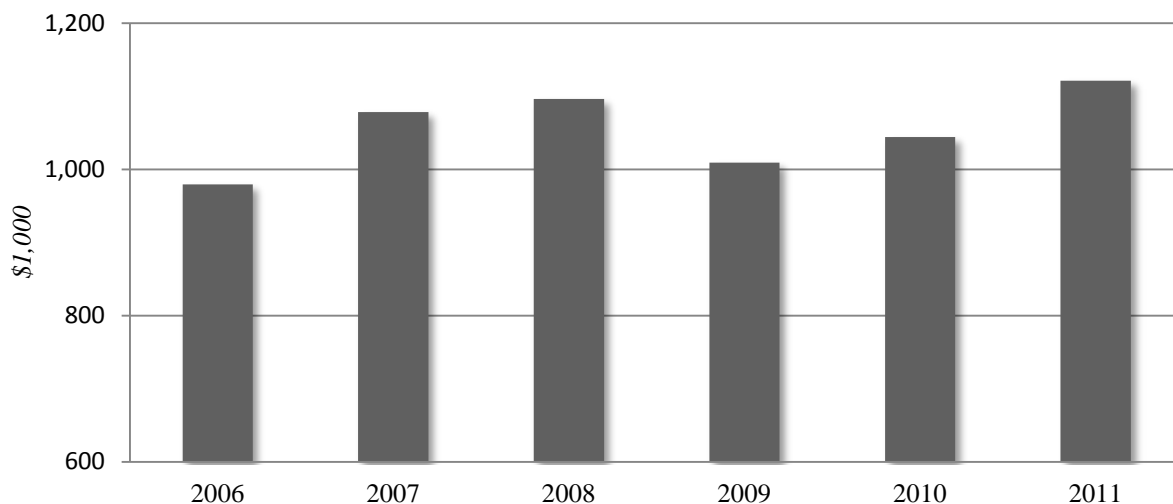
**Fruit:** All fruit cash receipts totaled \$192.1 million in 2011 compared to \$157.1 million in 2010, an increase of 22 percent. Blueberry cash receipts rose 51 percent from last year, totaling \$94.7 million. Cranberry cash receipts were \$26.0 million, down 14 percent from 2010. Apple cash receipts increased 4 percent above 2010, to \$21.5 million. Peach cash receipts totaled \$36.6 million, up 17 percent from last year.

**Livestock:** Livestock and livestock products cash receipts totaled \$126.7 million in 2011, up .1 percent from the 2010 level of \$126.6 million. The largest component of the livestock and livestock products cash receipts total was from the equine industry, which excludes purse and stake payments. Equine cash receipts totaled \$46 million in 2011 compared to \$59 million in 2010, a decrease of 22 percent. Meat animal cash receipts, at \$10.3 million, were up 26 percent from the 2010 level of \$8.2 million.

Poultry and eggs rose 23 percent from last year to \$30.7 million. Dairy products cash receipts totaled \$27.5 million in 2011, up 18 percent from the previous year. Other livestock cash receipts increased by .2 percent to \$10.0 million.

**Real Estate Values:** New Jersey farm real estate values, a measurement of the value of all land and buildings on farms, averaged \$12,200 per acre as of January 1, 2012, a decrease of 3.9 percent from last year. The Garden State ranked first among all states in farm real estate value per acre. Rhode Island's farm real estate value was ranked second, at \$12,000 per acre. Connecticut farm real estate value was ranked third, \$11,100 per acre, followed by Massachusetts at \$10,500 per acre. Delaware's farm real estate value ranked fifth, at \$8,100 per acre followed by Maryland's ranking of sixth, at \$7,200 per acre.

### NEW JERSEY CASH RECEIPTS 2006-2011



### Cash Receipts from New Jersey Farm Marketings, Commodity Totals, 2006-2011<sup>1</sup>

| Commodity  | 2006           | 2007           | 2008           | 2009           | 2010           | 2011           |
|--|----------------|----------------|----------------|----------------|----------------|----------------|
|  | <i>\$1,000</i> | <i>\$1,000</i> | <i>\$1,000</i> | <i>\$1,000</i> | <i>\$1,000</i> | <i>\$1,000</i> |
| All Commodities .....                                  | 978,888        | 1,078,158      | 1,096,193      | 1,009,912      | 1,044,055      | 1,121,396      |
| Livestock and Products .....                           | 148,073        | 171,362        | 170,544        | 134,363        | 126,636        | 126,791        |
| All Crops <sup>2</sup> .....                           | 830,815        | 906,797        | 925,649        | 875,549        | 917,419        | 994,605        |
| Greenhouse, Nursery,<br>Christmas Trees, and Sod ..... | 436,265        | 478,413        | 456,636        | 385,005        | 451,108        | 456,362        |

<sup>1</sup> Preliminary.

<sup>2</sup> All Crops is a total of field crops, vegetables, and fruits and berries.

### Cash Receipts from New Jersey Farm Marketings, Livestock and Products, 2006-2011<sup>1</sup>

| Commodity                           | 2006           | 2007           | 2008           | 2009           | 2010           | 2011           |
|-------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                                     | <i>\$1,000</i> | <i>\$1,000</i> | <i>\$1,000</i> | <i>\$1,000</i> | <i>\$1,000</i> | <i>\$1,000</i> |
| <b>Livestock and Products .....</b> | <b>148,073</b> | <b>171,362</b> | <b>170,544</b> | <b>134,363</b> | <b>126,636</b> | <b>126,791</b> |
| All Poultry and Eggs .....          | 24,484         | 37,837         | 45,746         | 30,316         | 24,903         | 30,730         |
| Chicken Eggs .....                  | 20,816         | 33,373         | ---            | ---            | ---            | ---            |
| Other Poultry/Farm Chickens .....   | 2,901          | 3,216          | ---            | ---            | ---            | ---            |
| Turkeys .....                       | 767            | 1,248          | ---            | ---            | ---            | ---            |
| Dairy Products .....                | 23,450         | 32,340         | 30,895         | 20,352         | 23,184         | 27,470         |
| Horses <sup>2</sup> .....           | 81,000         | 85,000         | 78,000         | 66,000         | 59,000         | 46,000         |
| Meat Animals .....                  | 10,641         | 6,256          | 6,127          | 6,381          | 8,220          | 10,332         |
| Cattle and Calves .....             | 9,783          | 5,327          | 5,187          | 5,549          | 7,070          | 8,898          |
| Hogs .....                          | 858            | 929            | 940            | 832            | 1,150          | 1,434          |
| Other Livestock .....               | 8,498          | 9,929          | 9,776          | 10,010         | 9,985          | 10,005         |

<sup>1</sup> Preliminary.

<sup>2</sup> Excludes purse and stake payments.

### Cash Receipts from New Jersey Farm Marketings, All Field Crops, 2006-2011<sup>1</sup>

| Commodity                    | 2006           | 2007           | 2008           | 2009           | 2010           | 2011           |
|------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                              | <i>\$1,000</i> | <i>\$1,000</i> | <i>\$1,000</i> | <i>\$1,000</i> | <i>\$1,000</i> | <i>\$1,000</i> |
| <b>All Field Crops .....</b> | <b>57,065</b>  | <b>73,354</b>  | <b>98,604</b>  | <b>89,176</b>  | <b>85,345</b>  | <b>112,183</b> |
| Corn .....                   | 13,719         | 25,496         | 37,311         | 28,631         | 30,077         | 44,385         |
| Hay .....                    | 8,810          | 6,890          | 7,344          | 7,102          | 6,417          | 7,332          |
| Potatoes .....               | 5,029          | 4,419          | 5,905          | 4,689          | 4,595          | 3,585          |
| Soybeans .....               | 15,717         | 20,937         | 25,830         | 30,109         | 27,193         | 32,536         |
| Sweet Potatoes .....         | 4,343          | 3,854          | 3,682          | 3,926          | 4,268          | 5,217          |
| Wheat .....                  | 4,967          | 7,515          | 13,971         | 8,078          | 5,447          | 10,075         |
| Other Field Crops .....      | 4,215          | 3,816          | 3,971          | 6,430          | 7,248          | 8,954          |

<sup>1</sup> Preliminary.

### Cash Receipts from New Jersey Farm Marketings, Fresh Market Vegetables, 2006-2011<sup>1</sup>

| Commodity                              | 2006           | 2007           | 2008           | 2009           | 2010           | 2011           |
|--|----------------|----------------|----------------|----------------|----------------|----------------|
|  | <i>\$1,000</i> | <i>\$1,000</i> | <i>\$1,000</i> | <i>\$1,000</i> | <i>\$1,000</i> | <i>\$1,000</i> |
| <b>Vegetables, Fresh Market: .....</b> | <b>131,437</b> | <b>128,491</b> | <b>154,372</b> | <b>174,602</b> | <b>162,102</b> | <b>174,799</b> |
| Asparagus .....                        | 3,800          | 2,875          | 4,420          | 3,600          | 5,005          | 5,148          |
| Cabbage .....                          | 6,009          | 7,148          | 7,776          | 8,777          | 6,902          | 9,240          |
| Collards .....                         | 2,579          | 2,981          | 2,635          | 4,079          | 2,940          | 3,488          |
| Cucumbers .....                        | 13,352         | 11,499         | 13,086         | 11,284         | 15,725         | 15,574         |
| Eggplant .....                         | 4,720          | 4,945          | 7,125          | 8,352          | 6,321          | 8,671          |
| Escarole .....                         | 2,023          | 2,489          | 2,632          | 3,292          | 2,578          | 3,630          |
| Kale .....                             | 1,531          | 1,166          | 1,525          | 1,637          | 1,356          | 1,879          |
| Lettuce, All .....                     | 4,691          | 4,968          | 7,617          | 13,788         | 14,923         | 11,759         |
| Peppers, Bell .....                    | 27,848         | 29,295         | 32,922         | 31,366         | 33,800         | 30,384         |
| Pumpkins .....                         | 5,200          | 3,029          | 5,260          | 7,388          | 6,376          | 8,813          |
| Snap Beans .....                       | 3,395          | 3,807          | 4,275          | 5,122          | 2,761          | 5,060          |
| Spinach .....                          | 10,043         | 6,816          | 10,416         | 8,770          | 5,462          | 8,370          |
| Squash .....                           | 7,600          | 8,798          | 12,528         | 10,400         | 10,304         | 15,471         |
| Sweet Corn .....                       | 19,019         | 15,053         | 15,510         | 22,805         | 15,263         | 15,827         |
| Tomatoes .....                         | 19,627         | 23,622         | 26,645         | 33,942         | 32,386         | 31,485         |
| <b>Vegetables, Processing .....</b>    | <b>3,188</b>   | <b>2,441</b>   | <b>4,711</b>   | <b>4,885</b>   | <b>4,147</b>   | <b>4,330</b>   |
| <b>Vegetables, Miscellaneous .....</b> | <b>38,222</b>  | <b>50,180</b>  | <b>52,100</b>  | <b>63,110</b>  | <b>57,608</b>  | <b>57,607</b>  |

<sup>1</sup> Preliminary.

### Cash Receipts from New Jersey Farm Marketings, All Fruits and Berries, 2006-2011<sup>1</sup>

| Commodity                           | 2006           | 2007           | 2008           | 2009           | 2010           | 2011           |
|-------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                                     | <i>\$1,000</i> | <i>\$1,000</i> | <i>\$1,000</i> | <i>\$1,000</i> | <i>\$1,000</i> | <i>\$1,000</i> |
| <b>All Fruits and Berries .....</b> | <b>164,637</b> | <b>173,918</b> | <b>157,227</b> | <b>158,770</b> | <b>157,109</b> | <b>192,054</b> |
| Apples .....                        | 15,416         | 14,577         | 11,929         | 17,182         | 20,635         | 21,539         |
| Blueberries .....                   | 83,720         | 90,240         | 81,990         | 65,260         | 62,510         | 94,700         |
| Cranberries .....                   | 18,816         | 24,479         | 27,443         | 31,136         | 31,247         | 26,010         |
| Peaches .....                       | 35,700         | 32,832         | 23,920         | 33,660         | 31,280         | 36,600         |
| Strawberries <sup>2</sup> .....     | 3,200          | 3,010          |                |                |                |                |
| Other Fruits and Berries .....      | 7,785          | 8,780          | 11,945         | 12,425         | 12,110         | 13,20          |

<sup>1</sup> Preliminary.

<sup>2</sup> Included with other fruits and berries after 2007.



**New Jersey: Value Added to the U.S. Economy by the Agricultural Sector  
Via the Production of Goods and Services, 2006-2011<sup>1</sup>**

| Item  | 2006                 | 2007                 | 2008                 | 2009                 | 2010                 | 2011                 |
|---|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
|   | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> | <i>1,000 dollars</i> |
| Value of crop production .....                          | 833,465              | 907,913              | 926,410              | 883,622              | 906,206              | 1,007,636            |
| Food grains .....                                       | 4,967                | 7,515                | 13,791               | 8,078                | 5,564                | 10,075               |
| Feed crops .....  | 22,714               | 32,712               | 45,144               | 35,770               | 35,776               | 51,716               |
| Oil crops .....   | 15,717               | 20,937               | 25,830               | 30,109               | 27,396               | 32,536               |
| Fruits and tree nuts .....                              | 164,637              | 173,918              | 15,727               | 159,663              | 157,782              | 192,054              |
| Vegetables .....  | 182,219              | 189,385              | 220,770              | 251,212              | 231,892              | 245,538              |
| All other crops .....                                   | 440,561              | 482,329              | 462,707              | 391,535              | 458,403              | 462,686              |
| Home consumption .....                                  | 706                  | 506                  | 649                  | 601                  | 746                  | 552                  |
| Value of inventory adjustment <sup>2</sup> .....        | 1,944                | 611                  | 112                  | 6,654                | (11,353)             | 12,479               |
| Value of livestock production .....                     | 144,328              | 173,010              | 169,942              | 132,319              | 122,744              | 127,224              |
| Meat animals .....                                      | 10,641               | 6,256                | 6,127                | 6,381                | 8,220                | 10,332               |
| Dairy products .....                                    | 23,450               | 32,340               | 30,895               | 20,352               | 23,184               | 27,470               |
| Poultry and eggs .....                                  | 24,484               | 37,837               | 45,746               | 30,316               | 24,952               | 30,730               |
| Miscellaneous livestock .....                           | 89,498               | 94,929               | 87,776               | 76,039               | 68,984               | 58,259               |
| Home consumption .....                                  | 1,362                | 1,312                | 1,474                | 1,466                | 1,486                | 1,341                |
| Value of inventory adjustment <sup>2</sup> .....        | (5,107)              | 336                  | (2,076)              | (2,235)              | (4,082)              | (908)                |
| Revenues from services and forestry .....               | 202,666              | 209,229              | 206,639              | 214,379              | 155,881              | 175,718              |
| Machine hire and custom work .....                      | 5,212                | 5,374                | 4,683                | 8,839                | 14,927               | 8,354                |
| Forest products sold .....                              | 1,320                | 1,405                | 1,405                | 1,405                | 1,405                | 1,405                |
| Other farm income .....                                 | 55,534               | 81,213               | 88,600               | 82,679               | 21,718               | 43,301               |
| Gross imputed rental<br>value of farm dwellings .....   | 140,600              | 121,237              | 111,951              | 121,456              | 117,831              | 122,658              |
| Value of agricultural sector production .....           | 1,180,459            | 1,290,152            | 1,302,991            | 1,230,320            | 1,184,831            | 1,310,578            |
| less: Purchased Inputs .....                            | 418,329              | 505,097              | 519,952              | 494,645              | 479,388              | 504,973              |
| Farm origin .....                                       | 109,469              | 131,658              | 144,167              | 136,424              | 135,414              | 144,820              |
| Feed purchased .....                                    | 26,830               | 29,894               | 33,439               | 29,025               | 32,153               | 35,743               |
| Livestock and poultry purchased .....                   | 1,243                | 1,099                | 1,134                | 1,052                | 1,785                | 2,730                |
| Seed purchased .....                                    | 81,396               | 100,665              | 109,594              | 106,347              | 101,476              | 106,347              |
| Manufactured inputs .....                               | 120,389              | 141,847              | 159,279              | 138,491              | 138,557              | 154,713              |
| Fertilizers and lime .....                              | 35,139               | 37,137               | 51,711               | 39,115               | 42,940               | 45,991               |
| Pesticides .....  | 25,639               | 30,499               | 28,828               | 32,588               | 28,410               | 33,424               |
| Petroleum fuels and oils .....                          | 45,446               | 56,598               | 61,424               | 49,368               | 51,440               | 59,735               |
| Electricity .....                                       | 14,165               | 17,613               | 17,316               | 17,420               | 15,767               | 15,563               |
| Other purchased inputs .....                            | 188,471              | 231,592              | 216,506              | 219,730              | 205,417              | 205,440              |
| Repairs and maintenance<br>of capital items .....       | 58,927               | 64,094               | 61,028               | 56,406               | 53,635               | 67,244               |
| Machine hire and custom work .....                      | 8,431                | 7,925                | 7,826                | 10,022               | 8,020                | 9,293                |
| Marketing, storage,<br>and transportation exp. ....     | 30,385               | 36,142               | 31,569               | 37,307               | 35,414               | 35,515               |
| Contract labor .....                                    | 17,726               | 22,386               | 15,643               | 19,641               | 16,231               | 15,987               |
| Miscellaneous expenses .....                            | 73,002               | 101,045              | 100,440              | 96,354               | 92,117               | 77,401               |
| plus: Net government transaction .....                  | (44,957)             | (64,267)             | (63,551)             | (53,892)             | (49,583)             | (65,727)             |
| + Direct Government payments .....                      | 17,868               | 10,563               | 17,220               | 17,490               | 22,054               | 17,143               |
| - Motor vehicle registration<br>and licensing fee ..... | 1,869                | 2,747                | 1,798                | 1,949                | 1,674                | 1,777                |
| - Property taxes .....                                  | 60,956               | 72,083               | 78,973               | 69,433               | 69,963               | 81,093               |
| Gross value added .....                                 | 717,174              | 720,789              | 719,488              | 681,783              | 655,860              | 739,878              |
| less: Capital consumption .....                         | 116,010              | 120,942              | 130,534              | 136,745              | 139,691              | 146,597              |
| Net value added .....                                   | 601,164              | 599,847              | 588,954              | 540,038              | 516,169              | 593,281              |
| less: Payments to stockholders .....                    | 226,784              | 274,574              | 254,079              | 255,448              | 250,870              | 205,831              |
| Employee compensation<br>(total hired labor) .....      | 211,992              | 256,739              | 245,122              | 236,001              | 227,652              | 186,717              |
| Net rent received<br>by nonoperator landlords .....     | (24,277)             | (23,034)             | (33,047)             | (21,975)             | (16,412)             | (19,408)             |
| Real estate<br>and nonreal estate interest .....        | 39,069               | 40,869               | 42,004               | 41,422               | 39,630               | 38,522               |
| Net farm income .....                                   | 374,380              | 325,273              | 334,875              | 289,590              | 265,299              | 387,450              |

<sup>1</sup> Value of agricultural sector production is the gross value of the commodities and services produced within a year. Net value-added is the sector's contribution to the national economy and is the sum of the income from production earned by all factors of production, regardless of ownership. Net farm income is the farm operator's share of income from the sector's production activities. The concept presented is consistent with that employed by the Organization for Economic Cooperation and Development.

<sup>2</sup> A positive value of inventory change represents current-year production not sold by December 31. A negative value ( ) is an offset to production from prior years included in current-year sales.

Source: Economic Research Service, Farm Income and Balance Sheet

### Agricultural Exports: New Jersey

|  | 2007                   | 2008                   | 2009                   | 2010                   | 2011                   |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|
|  | <i>million dollars</i> | <i>million dollars</i> | <i>million dollars</i> | <i>million dollars</i> | <i>million dollars</i> |
| Beef and veal.....                     | 0.3                    | 0.3                    | 0.4                    | 0.6                    | 0.8                    |
| Pork.....                              | 0.2                    | 0.3                    | 0.2                    | 0.3                    | 0.4                    |
| Hides and skins.....                   | 0.2                    | 0.2                    | 0.2                    | 0.3                    | 0.4                    |
| Dairy products.....                    | 2.7                    | 3.3                    | 1.9                    | 2.7                    | 3.3                    |
| Chicken meat.....                      | 0.0                    | 0.0                    | 0.0                    | 0.0                    | 0.0                    |
| Vegetables, fresh.....                 | 17.8                   | 21.9                   | 23.8                   | 24.4                   | 26.2                   |
| Vegetables, processed.....             | 24.4                   | 35.5                   | 38.3                   | 38.0                   | 42.5                   |
| Fruits, fresh.....                     | 42.3                   | 40.5                   | 41.8                   | 43.7                   | 54.9                   |
| Fruits, processed.....                 | 28.0                   | 26.5                   | 26.8                   | 27.1                   | 35.0                   |
| Tree nuts.....                         | 0.0                    | 0.0                    | 0.0                    | 0.0                    | 0.0                    |
| Wheat.....                             | 5.5                    | 10.2                   | 3.7                    | 3.3                    | 7.7                    |
| Rice.....                              | 0.0                    | 0.0                    | 0.0                    | 0.0                    | 0.0                    |
| Corn.....                              | 7.3                    | 10.4                   | 5.9                    | 6.3                    | 9.5                    |
| Grain products.....                    | 2.5                    | 3.1                    | 2.9                    | 3.2                    | 3.8                    |
| Feeds and fodder.....                  | 1.2                    | 1.2                    | 0.7                    | 0.8                    | 1.0                    |
| Soybeans.....                          | 9.1                    | 15.1                   | 14.7                   | 14.6                   | 15.2                   |
| Oilcake and meal.....                  | 1.8                    | 2.9                    | 3.0                    | 2.7                    | 2.6                    |
| Vegetable oils.....                    | 2.1                    | 3.4                    | 2.6                    | 2.8                    | 3.2                    |
| Sugar and products.....                | 0.0                    | 0.0                    | 0.0                    | 0.0                    | 0.0                    |
| Cotton.....                            | 0.0                    | 0.0                    | 0.0                    | 0.0                    | 0.0                    |
| Tobacco, unmanufactured.....           | 0.0                    | 0.0                    | 0.0                    | 0.0                    | 0.0                    |
| Planting seeds.....                    | 0.1                    | 0.1                    | 0.1                    | 0.1                    | 0.1                    |
| Other products <sup>1</sup> .....      | 208.5                  | 228.1                  | 199.4                  | 251.2                  | 261.1                  |
| <b>Total agricultural exports.....</b> | <b>353.9</b>           | <b>403.1</b>           | <b>366.3</b>           | <b>422.1</b>           | <b>467.8</b>           |

<sup>1</sup> Includes live animals, other meats, animal parts, eggs, wine, beer, other beverages, coffee, cocoa, hops, nursery crops, inedible materials, and prepared foods.  
Data sources: USDA Economic Research Service; USDA Foreign Agricultural Service (Global Agricultural Trade System).

### Agricultural Exports: United States

|  | 2007                   | 2008                   | 2009                   | 2010                   | 2011                   |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|
|  | <i>million dollars</i> | <i>million dollars</i> | <i>million dollars</i> | <i>million dollars</i> | <i>million dollars</i> |
| Beef and veal.....                     | 2,623.6                | 3,195.7                | 3,081.5                | 4,079.2                | 5,419.9                |
| Pork.....                              | 3,155.5                | 4,795.9                | 4,284.2                | 4,780.9                | 6,107.8                |
| Hides and skins.....                   | 2,165.9                | 2,064.1                | 1,464.9                | 2,283.8                | 2,661.5                |
| Dairy products.....                    | 2,978.2                | 3,752.7                | 2,235.1                | 3,690.4                | 4,779.8                |
| Chicken meat.....                      | 2,738.2                | 3,514.3                | 3,293.0                | 3,125.5                | 3,646.0                |
| Vegetables, fresh.....                 | 1,815.4                | 1,955.1                | 1,917.9                | 2,102.2                | 2,220.8                |
| Vegetables, processed.....             | 2,491.5                | 3,168.7                | 3,090.3                | 3,273.5                | 3,601.7                |
| Fruits, fresh.....                     | 3,140.0                | 3,622.3                | 3,513.2                | 3,982.6                | 4,497.8                |
| Fruits, processed.....                 | 2,078.6                | 2,373.0                | 2,248.1                | 2,470.2                | 2,869.1                |
| Tree nuts.....                         | 3,151.0                | 3,483.6                | 3,802.4                | 4,528.4                | 5,416.9                |
| Wheat.....                             | 8,364.7                | 11,290.3               | 5,375.5                | 6,762.2                | 11,146.8               |
| Rice.....                              | 1,392.4                | 2,205.2                | 2,175.9                | 2,339.8                | 2,110.2                |
| Corn.....                              | 9,762.6                | 13,431.0               | 8,746.0                | 9,808.4                | 13,671.9               |
| Grain products.....                    | 3,335.0                | 3,479.1                | 3,527.8                | 3,691.3                | 4,097.6                |
| Feeds and fodder.....                  | 3,191.0                | 4,161.8                | 4,162.6                | 5,139.6                | 5,744.5                |
| Soybeans.....                          | 9,992.1                | 15,430.9               | 16,423.2               | 18,564.1               | 17,563.2               |
| Oilcake and meal.....                  | 2,212.0                | 3,271.1                | 3,582.1                | 3,653.7                | 3,290.0                |
| Vegetable oils.....                    | 2,502.8                | 3,899.9                | 3,091.7                | 3,903.1                | 4,016.5                |
| Sugar and products.....                | 1,143.4                | 1,188.2                | 1,132.1                | 1,537.1                | 1,804.9                |
| Cotton.....                            | 4,588.7                | 4,811.9                | 3,365.5                | 5,895.9                | 8,467.5                |
| Tobacco, unmanufactured.....           | 1,207.9                | 1,238.0                | 1,159.0                | 1,167.3                | 1,149.0                |
| Planting seeds.....                    | 1,019.7                | 1,277.3                | 1,150.4                | 1,252.2                | 1,410.3                |
| Other products <sup>1</sup> .....      | 14,941.6               | 17,151.4               | 15,631.8               | 17,788.2               | 20,680.6               |
| <b>Total agricultural exports.....</b> | <b>89,991.8</b>        | <b>114,761.4</b>       | <b>98,453.9</b>        | <b>115,819.7</b>       | <b>136,374.4</b>       |

<sup>1</sup> Includes live animals, other meats, animal parts, eggs, wine, beer, other beverages, coffee, cocoa, hops, nursery crops, inedible materials, and prepared foods.  
Data sources: USDA Economic Research Service; USDA Foreign Agricultural Service (Global Agricultural Trade System).

**New Jersey: Number of Certified Nurseries and Acres in Nursery Stock, 2008-2011**

| County                  | Number of Certified Nurseries |              |              |              | Acreage in Nursery Stock |                 |                 |                 |
|-------------------------|-------------------------------|--------------|--------------|--------------|--------------------------|-----------------|-----------------|-----------------|
|                         | 2008                          | 2009         | 2010         | 2011         | 2008                     | 2009            | 2010            | 2011            |
| <b>North District</b>   |                               |              |              |              | <i>acres</i>             | <i>acres</i>    | <i>acres</i>    | <i>acres</i>    |
| Bergen                  | 31                            | 31           | 31           | 31           | 90.9                     | 92.3            | 90.5            | 104.4           |
| Essex                   | 6                             | 6            | 6            | 5            | 12.8                     | 13.6            | 14.6            | 14.8            |
| Hudson                  | 1                             | 1            | 1            | 1            | 0.5                      | 1.0             | 1.0             | 1.0             |
| Hunterdon               | 87                            | 88           | 86           | 86           | 1,035.0                  | 1,071.0         | 1,118.9         | 1,103.2         |
| Morris                  | 43                            | 42           | 41           | 41           | 291.7                    | 246.7           | 242.1           | 262.2           |
| Passaic                 | 6                             | 6            | 6            | 6            | 11.7                     | 11.7            | 11.2            | 16.2            |
| Somerset                | 36                            | 40           | 37           | 39           | 285.7                    | 292.2           | 314.8           | 305.8           |
| Sussex                  | 24                            | 22           | 22           | 19           | 142.0                    | 144.4           | 135.2           | 143.5           |
| Union                   | 11                            | 12           | 12           | 11           | 27.2                     | 27.2            | 27.3            | 37.5            |
| Warren                  | 21                            | 22           | 24           | 25           | 98.9                     | 70.2            | 71.4            | 115.9           |
| <b>Central District</b> |                               |              |              |              |                          |                 |                 |                 |
| Burlington              | 113                           | 108          | 109          | 104          | 1,944.8                  | 1,842.3         | 1,795.8         | 1,754.3         |
| Mercer                  | 57                            | 58           | 60           | 59           | 661.2                    | 759.8           | 777.8           | 748.2           |
| Middlesex               | 73                            | 72           | 70           | 67           | 718.0                    | 796.2           | 769.2           | 737.5           |
| Monmouth                | 189                           | 191          | 182          | 161          | 3,687.7                  | 3,315.9         | 3,320.1         | 2,773.7         |
| Ocean                   | 30                            | 27           | 27           | 26           | 133.4                    | 131.6           | 129.3           | 135.7           |
| <b>South District</b>   |                               |              |              |              |                          |                 |                 |                 |
| Atlantic                | 56                            | 56           | 57           | 55           | 326.2                    | 316.4           | 307.7           | 297.6           |
| Camden                  | 22                            | 21           | 22           | 19           | 72.7                     | 75.9            | 70.8            | 74.5            |
| Cape May                | 31                            | 31           | 29           | 28           | 390.3                    | 394.9           | 476.4           | 481.2           |
| Cumberland              | 258                           | 261          | 263          | 244          | 7,184.0                  | 7,108.3         | 7,326.8         | 6,839.6         |
| Gloucester              | 109                           | 105          | 99           | 94           | 1,263.6                  | 1,242.4         | 1,195.6         | 1,120.2         |
| Salem                   | 80                            | 79           | 74           | 70           | 1,046.3                  | 1,107.2         | 1,106.1         | 1,090.2         |
| <b>Total</b>            | <b>1,284</b>                  | <b>1,279</b> | <b>1,259</b> | <b>1,193</b> | <b>19,424.2</b>          | <b>19,061.2</b> | <b>19,299.5</b> | <b>18,157.1</b> |

SOURCE: Division of Plant Industry, New Jersey Department of Agriculture.

## New Jersey: Number of Farms, Land in Farms<sup>1 2</sup>, and Average Size of Farms, 1958-2011

| Year       | Number of Farms |               | Land in Farms      |                    | Average Size of Farm |               |
|------------|-----------------|---------------|--------------------|--------------------|----------------------|---------------|
|            | New Jersey      | United States | New Jersey         | United States      | New Jersey           | United States |
|            | <i>number</i>   | <i>number</i> | <i>1,000 acres</i> | <i>1,000 acres</i> | <i>acres</i>         | <i>acres</i>  |
| 1958 ..... | 18,000          | 4,232,900     | 1,530              | 1,184,944          | 85                   | 280           |
| 1959 ..... | 17,000          | 4,104,520     | 1,500              | 1,182,563          | 88                   | 288           |
| 1960 ..... | 15,800          | 3,962,520     | 1,460              | 1,175,646          | 92                   | 297           |
| 1961 ..... | 15,200          | 3,825,410     | 1,440              | 1,167,699          | 95                   | 305           |
| 1962 ..... | 14,600          | 3,692,410     | 1,410              | 1,159,383          | 97                   | 314           |
| 1963 ..... | 13,300          | 3,572,200     | 1,370              | 1,151,572          | 103                  | 322           |
| 1964 ..... | 12,000          | 3,456,690     | 1,300              | 1,146,106          | 108                  | 332           |
| 1965 ..... | 11,000          | 3,356,170     | 1,220              | 1,139,597          | 111                  | 340           |
| 1966 ..... | 10,000          | 3,257,040     | 1,160              | 1,131,844          | 116                  | 348           |
| 1967 ..... | 9,500           | 3,161,730     | 1,120              | 1,123,456          | 118                  | 355           |
| 1968 ..... | 9,100           | 3,070,860     | 1,080              | 1,115,231          | 119                  | 363           |
| 1969 ..... | 8,900           | 3,000,180     | 1,080              | 1,107,811          | 121                  | 369           |
| 1970 ..... | 8,600           | 2,949,140     | 1,060              | 1,102,371          | 123                  | 374           |
| 1971 ..... | 8,500           | 2,902,310     | 1,050              | 1,096,863          | 124                  | 378           |
| 1972 ..... | 8,500           | 2,859,880     | 1,045              | 1,092,065          | 123                  | 382           |
| 1973 ..... | 8,500           | 2,823,260     | 1,035              | 1,087,923          | 122                  | 385           |
| 1974 ..... | 8,400           | 2,795,460     | 1,030              | 1,084,433          | 123                  | 388           |
| 1975 ..... | 8,600           | 2,521,420     | 1,035              | 1,059,420          | 120                  | 420           |
| 1976 ..... | 8,900           | 2,497,270     | 1,020              | 1,054,075          | 115                  | 422           |
| 1977 ..... | 8,600           | 2,455,830     | 1,000              | 1,047,785          | 116                  | 427           |
| 1978 ..... | 9,000           | 2,436,250     | 1,040              | 1,044,790          | 116                  | 429           |
| 1979 ..... | 9,600           | 2,437,300     | 1,030              | 1,042,015          | 107                  | 428           |
| 1980 ..... | 9,400           | 2,439,510     | 1,020              | 1,038,885          | 109                  | 426           |
| 1981 ..... | 9,500           | 2,439,920     | 1,030              | 1,034,190          | 108                  | 424           |
| 1982 ..... | 9,500           | 2,406,550     | 1,020              | 1,027,795          | 107                  | 427           |
| 1983 ..... | 9,500           | 2,378,620     | 1,000              | 1,023,425          | 105                  | 430           |
| 1984 ..... | 9,300           | 2,333,810     | 980                | 1,017,803          | 105                  | 436           |
| 1985 ..... | 9,100           | 2,292,530     | 960                | 1,012,073          | 105                  | 441           |
| 1986 ..... | 8,800           | 2,249,820     | 920                | 1,005,333          | 105                  | 447           |
| 1987 ..... | 8,500           | 2,212,960     | 900                | 998,923            | 106                  | 451           |
| 1988 ..... | 8,300           | 2,200,940     | 880                | 994,423            | 106                  | 452           |
| 1989 ..... | 8,300           | 2,174,520     | 880                | 990,723            | 106                  | 456           |
| 1990 ..... | 8,100           | 2,145,820     | 870                | 986,850            | 107                  | 460           |
| 1991 ..... | 8,500           | 2,116,760     | 880                | 981,736            | 104                  | 464           |
| 1992 ..... | 9,000           | 2,107,840     | 880                | 978,503            | 98                   | 464           |
| 1993 ..... | 9,400           | 2,201,590     | 870                | 968,845            | 93                   | 440           |
| 1994 ..... | 9,400           | 2,197,690     | 860                | 965,935            | 91                   | 440           |
| 1995 ..... | 9,500           | 2,196,400     | 850                | 962,515            | 89                   | 438           |
| 1996 ..... | 9,500           | 2,190,500     | 840                | 958,675            | 88                   | 438           |
| 1997 ..... | 9,600           | 2,190,510     | 830                | 956,010            | 86                   | 436           |
| 1998 ..... | 9,600           | 2,192,330     | 830                | 952,080            | 86                   | 434           |
| 1999 ..... | 9,600           | 2,187,280     | 830                | 948,460            | 86                   | 434           |
| 2000 ..... | 9,700           | 2,166,780     | 830                | 945,080            | 86                   | 436           |
| 2001 ..... | 9,800           | 2,148,630     | 830                | 942,070            | 85                   | 438           |
| 2002 ..... | 9,900           | 2,135,360     | 820                | 940,300            | 83                   | 440           |
| 2003 ..... | 9,900           | 2,126,860     | 810                | 936,750            | 82                   | 440           |
| 2004 ..... | 9,900           | 2,112,970     | 790                | 932,260            | 80                   | 441           |
| 2005 ..... | 9,800           | 2,098,690     | 760                | 927,940            | 78                   | 442           |
| 2006 ..... | 9,800           | 2,088,790     | 740                | 925,790            | 76                   | 443           |
| 2007 ..... | 10,300          | 2,204,950     | 730                | 921,460            | 71                   | 418           |
| 2008 ..... | 10,300          | 2,200,100     | 730                | 919,910            | 71                   | 418           |
| 2009 ..... | 10,300          | 2,200,210     | 730                | 919,890            | 71                   | 418           |
| 2010 ..... | 10,300          | 2,200,930     | 730                | 918,840            | 71                   | 419           |
| 2011 ..... | 10,300          | 2,181,000     | 730                | 916,990            | 71                   | 420           |

<sup>1</sup> The definition of a farm has undergone several changes during this century. The definitions of a farm as used in this table follow: 1975 - Current - A farm is an establishment that sold or would normally have sold \$1,000 of agricultural products during the year. 1957-1974 - A farm is a place of 10 or more acres that had annual sales of \$50 or more of agricultural products, or any place of less than 10 acres that had annual sales of \$250 or more.

<sup>2</sup> Starting in 1991, Christmas tree farms are included.

**Mixed Fertilizer, Fiscal Year Ending December 31, 2011 <sup>1</sup>**

| Grade    | Final<br>Jan-June 2011 | Preliminary<br>July-Dec 2011 | Year Ending<br>Dec 2011 | Grade               | Final<br>Jan-June 2011 | Preliminary<br>July-Dec 2011 | Year Ending<br>Dec 2011 |
|----------|------------------------|------------------------------|-------------------------|---------------------|------------------------|------------------------------|-------------------------|
|          | <i>Tons</i>            | <i>Tons</i>                  | <i>Tons</i>             |                     | <i>Tons</i>            | <i>Tons</i>                  | <i>Tons</i>             |
| 5-5-0    | 12                     | 30                           | 42                      | 16-8-8              | 774                    | 687                          | 1,461                   |
| 5-10-5   | 125                    | 40                           | 165                     | 18-3-6              | 505                    | 696                          | 1,201                   |
| 5-10-10  | 63                     | 24                           | 87                      | 18-5-9              | 9                      | 10                           | 19                      |
| 9-5-9    | 913                    | 894                          | 1,807                   | 18-24-12            | 178                    | 263                          | 441                     |
| 9-9-9    | 679                    | 88                           | 767                     | 19-3-6              | 50                     | 12                           | 62                      |
| 10-5-10  | 714                    | 199                          | 913                     | 24-10-10            | 5                      | 11                           | 16                      |
| 10-6-4   | 478                    | 287                          | 765                     | 20-8-8              | 114                    | 114                          | 228                     |
| 10-10-10 | 3,000                  | 946                          | 3,946                   | 20-10-10            | 175                    | 205                          | 380                     |
| 10-20-10 | 147                    | 106                          | 253                     | 22-3-14             | 0                      | 0                            | 0                       |
| 10-20-20 | 134                    | 140                          | 274                     | 24-5-11             | 74                     | 101                          | 175                     |
| 12-6-6   | 216                    | 181                          | 397                     | 26-3-12             | 0                      | 0                            | 0                       |
| 14-7-14  | 1,716                  | 902                          | 2,618                   | 32-5-7              | 36                     | 64                           | 100                     |
| 14-14-14 | 240                    | 93                           | 333                     | Others <sup>2</sup> | 80,408                 | 64,753                       | 145,161                 |
| 16-4-8   | 49                     | 479                          | 528                     | <b>Totals</b>       | 90,814                 | 71,325                       | 162,139                 |

**Mixed Fertilizer, Fiscal Year Ending December 31, 2011 <sup>1</sup>**

| KNOWN MATERIALS                                      | Final<br>Jan-June 2011         | Preliminary<br>July-Dec 2011         | Year Ending<br>Dec 2011         |
|--|--------------------------------|--------------------------------------|---------------------------------|
|  | <i>Tons</i>                    | <i>Tons</i>                          | <i>Tons</i>                     |
| <b>CHEMICAL NITROGEN MATERIALS</b>                   |                                |                                      |                                 |
| Ammonium Sulfate                                     | 478                            | 3,607                                | 4,085                           |
| Ammonium Nitrate                                     | 88                             | 56                                   | 144                             |
| Nitrogen Solutions                                   | 8,193                          | 1,831                                | 10,024                          |
| Calcium Nitrate                                      | 327                            | 161                                  | 488                             |
| Urea   | 1,148                          | 653                                  | 1,801                           |
| Others   | 6,637                          | 2,259                                | 8,896                           |
| <b>TOTAL NITROGEN MATERIALS</b>                      | 16,871                         | 8,567                                | 25,438                          |
| <b>PHOSPHATE MATERIALS</b>                           |                                |                                      |                                 |
| Super phosphate                                      | 19                             | 0                                    | 19                              |
| Others   | 2,631                          | 76                                   | 2,707                           |
| <b>TOTAL PHOSPHATES</b>                              | 2,650                          | 76                                   | 2,726                           |
| <b>POTASH MATERIALS</b>                              |                                |                                      |                                 |
| Potassium Sulfate                                    | 197                            | 440                                  | 637                             |
| Muriate of Potash                                    | 2,891                          | 427                                  | 3,318                           |
| Others   | 1,125                          | 1,108                                | 2,233                           |
| <b>TOTAL POTASH MATERIALS</b>                        | 4,213                          | 1,975                                | 6,188                           |
| <b>ORGANIC MATERIALS</b>                             |                                |                                      |                                 |
| Dried Manure   | 195                            | 7                                    | 202                             |
| Sewage, Compost, Others                              | 6,181                          | 3,792                                | 9,973                           |
| <b>TOTAL ORGANIC MATERIALS</b>                       | 6,376                          | 3,799                                | 10,175                          |
| <b>SOIL CONDITIONERS <sup>3</sup></b>                | 1,134                          | 0                                    | 1,134                           |
| <b>SECONDARY MATERIALS</b>                           | 7,377                          | 5,697                                | 13,074                          |
| <b>MISCELLANEOUS</b>                                 | 24,464                         | 3,188                                | 27,652                          |
| <b>TOTAL KNOWN MATERIAL</b>                          | 63,085                         | 23,302                               | 86,387                          |
| <b>GRAND TOTAL-MIXED FERTILIZERS &amp; MATERIALS</b> | 153,899                        | 94,627                               | 248,526                         |
| <b>FARM UTILIZATIONS</b>                             | 76,362                         | 55,772                               | 130,134                         |
| <b>NON-FARM UTILIZATION</b>                          | 77,159                         | 17,553                               | 94,712                          |
| <b>ACTUAL PLANT NUTRIENTS</b>                        | <b>Final<br/>Jan-June 2011</b> | <b>Preliminary<br/>July-Dec 2011</b> | <b>Year Ending<br/>Dec 2011</b> |
| <b>NITROGEN</b> .....                                | 9,513                          | 6,524                                | 16,037                          |
| .....Mixed   |                                |                                      |                                 |
| .....Single  | 4,637                          | 2,232                                | 6,869                           |
| .....All Fertilizer <sup>4</sup>                     | 14,149                         | 8,806                                | 22,955                          |
| <b>PHOSPHATE</b> .....                               | 2,696                          | 1,894                                | 4,589                           |
| .....Mixed   |                                |                                      |                                 |
| .....Single  | 10                             | 5                                    | 14                              |
| .....All Fertilizer <sup>4</sup>                     | 2,705                          | 1,942                                | 4,647                           |
| <b>POTASH</b> .....                                  | 4,591                          | 3,418                                | 8,009                           |
| .....Mixed   |                                |                                      |                                 |
| .....Single  | 1,938                          | 582                                  | 2,520                           |
| .....All Fertilizer <sup>4</sup>                     | 6,528                          | 4,025                                | 10,553                          |

<sup>1</sup> Compiled by the New Jersey Agricultural Statistics Service, USDA.

<sup>2</sup> Total production of all other mixtures with less than three reports or tonnage items.

<sup>3</sup> Soil conditioners include gypsum and exclude lime.

<sup>4</sup> May not add due to rounding.

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# Index

## A

### **apples**

cash receipts, fruits 62  
crop summary tables 18-20  
fruit annual summary 46  
NJ ranking, by county 14  
production, utilization, price & value of utilized production 47  
record highs & lows, by production 17  
unit of sale & average weight 13  
usual full bloom & harvesting dates 46

### **asparagus**

acreage, yield, production, price & value of production 41  
cash receipts, vegetables 62  
crop summary tables 18-20  
record highs & lows, by acreage, yield and production 16  
unit of sale & average weight 13  
usual planting & harvesting dates 44  
vegetable annual summary 40

## B

### **bees & honey**

number of colonies, yield, production, price & value of production 58  
livestock annual summary 55

### **beets**

unit of sale & average weight 13

### **blueberries**

acreage, yield & utilized production, by county 49  
cash receipts, berries 62  
crop summary tables 18-20  
fruit annual summary 45  
NJ ranking, by county and the nation 14  
production, utilization, price & value of utilized production 49  
record highs & lows, by production 17  
unit of sale & average weight 13  
usual full bloom & harvesting dates 46

### **broccoli**

unit of sale & average weight 13  
usual planting & harvesting dates 44

### **bulls**

livestock annual summary 55  
number on farms 56

## C

### **cabbage**

acreage, yield, production, price & value of production 41  
cash receipts, vegetables 62  
crop summary tables 18-20  
record highs & lows, by acreage, yield & production 16  
unit of sale & average weight 13  
usual planting & harvesting dates 44  
vegetable annual summary 40

### **cantaloupe**

usual planting & harvesting dates 44

### **carrots**

unit of sale & average weight 13  
usual planting & harvesting dates 44

### **cattle & calves**

avg number of milk cows, by county 63  
cash receipts, livestock 61  
livestock annual summary 55  
NJ ranking, by county 14  
number of head, by county 56  
number on farms & value 56  
production, disposition & income 57  
record highs & lows, by head 17  
slaughter, cattle, by month 57

### **cauliflower**

unit of sale & average weight 13  
usual planting & harvesting dates 44

### **celery**

unit of sale & average weight 13

### **chemical usage**

overview 51  
blueberries 52  
peaches 53  
program states 54

### **chickens**

cash receipts, poultry 61  
record highs & lows, by head 17

### **christmas trees**

cash receipts 61

### **collards**

acreage, yield, production, price & value of production 41  
crop summary tables 18-20  
vegetable annual summary 40

### **corn for grain**

acreage, yield & prod, by county 25  
acreage, yield, production, price & value of production 22  
cash receipts, crops 61  
crop summary tables 18-20  
crops annual summary 21  
NJ ranking, by county 14  
record highs & lows, by acreage, yield & production 15  
usual planting & harvesting dates 15  
weights & measures 13

### **corn for silage**

acreage, yield, production, price & value of production 22  
crop summary tables 18-20  
crops annual summary 21  
record highs & lows, by acreage, yield & production 15  
usual planting & harvesting dates 15

### **cows**

avg number of milk cows, by quarter & annual 59  
livestock annual summary 55  
number of head, by county 56  
number on farms & value 56  
NJ ranking, by county 14  
record highs & lows, by milk cow head 17

### **cranberries**

acreage, yield & production by state 50  
cash receipts, berries 62  
crop summary tables 18-20  
fruit annual summary 45  
NJ ranking, by county and the nation 14  
production, utilization, price & value of utilized production 46  
record highs & lows, by prod 17  
unit of sale & average weight 13  
usual full bloom & harvesting dates 46

### **cucumbers**

acreage, yield, production, price & value of production 41  
cash receipts, vegetables 62  
crop summary tables 18-20  
record highs & lows, by acreage, yield & production 16  
unit of sale & average weight 13  
usual planting & harvesting dates 44  
vegetable annual summary 40

## E

### **eggplant**

acreage, yield, production, price & value of production 41  
cash receipts, vegetables 62  
crop summary tables 18-20  
record highs & lows, by acreage, yield & production 16  
unit of sale & average weight 13  
usual planting & harvesting dates 44  
vegetable annual summary 40

### **eggs**

cash receipts 61  
record highs & lows, by unit 17

### **escarole/endive**

acreage, yield, production, price & value of production 41  
cash receipts, vegetables 62  
crop summary tables 18-20  
record highs & lows, by acreage, yield & production 16  
unit of sale & average weight 13  
usual planting & harvesting dates 44  
vegetable annual summary 40

### **exports**

value, by commodity group 64

## F

### **farms**

average farm size 66  
land in farms 66  
net farm income table 63  
number of farms 66

### **fertilizer**

mixed fertilizer summary 67

### **field crops**

acreage, yield & prod, by county 24-37  
acreage, yield, production, price & value of production 22,23  
cash receipts, crops 61  
crop annual summary 21  
crop summary tables 18-20  
NJ ranking, by county 14

record highs & lows, by acreage, yield & production 15  
usual planting & harvesting dates 15  
weights & measures 13

### **floriculture**

floriculture annual summary 38  
floriculture, selected crops 39  
growing area, by type of cover 39

### **fruits and berries**

cash receipts 62  
chemical use 51-54  
crop summary tables 18-20  
fruit annual summary 45  
NJ ranking, by county and the nation 14  
production, utilization, price & value of utilized production 46  
record highs & lows, by production 17  
unit of sale & average weight 13  
usual full bloom & harvesting dates 46

## G

### **grapes**

usual full bloom & harvesting dates 46

### **greenhouse**

cash receipts 62, 63

## H

### **hay, alfalfa**

acreage, yield & prod, by cnty 30, 31  
acreage, yield, production, price & value of production 22  
crop summary tables 18-20  
crops annual summary 21  
record highs & lows, by acreage, yield & production 15  
usual planting & harvesting dates 15  
weights & measures 13

### **hay, all**

acreage, yield & prod, by cnty 34, 35  
acreage, yield, production, price & value of production 22  
cash receipts, crops 61  
crop summary tables 18-20  
crops annual summary 21  
NJ ranking, by county 14  
record highs & lows, by acreage, yield & production 15  
usual planting & harvesting dates 15  
weights and measures 13

### **hay, other**

acreage, yield & prod, by cnty 32, 33  
acreage, yield, production, price & value of production 22  
crop summary tables 18-20  
crops annual summary 21  
usual planting & harvesting dates 15  
weights & measures 13

### **heifers**

livestock annual summary 55  
number on farms 59

### **hogs & pigs**

cash receipts, livestock 61  
livestock annual summary 55  
number on farms & value 56  
production, disposition & income 57  
record highs & lows, by head 17

### **horses**

cash receipts 61, 64



# Index

## I

### **income & expenses**

income and expenses annual  
summary 60  
cash receipts 61, 62  
net farm income table 63

## K

### **kale**

acreage, yield, production, price  
& value of production 42  
crop summary tables 18-20  
vegetable annual summary 40

## L

### **land in farms**

NJ & US 66

### **lettuce, All**

acreage, yield, production, price  
& value of production 42  
cash receipts, vegetables 62  
crop summary tables 18-20  
unit of sale & average weight 13  
usual planting & harvesting dates 44  
vegetable annual summary 40

### **lima beans**

usual planting & harvesting dates 44

### **livestock & products**

cash receipts, livestock 61  
livestock annual summary 55  
livestock production 56-59  
NJ ranking, by county 14  
record highs & lows, by head  
or unit 17

## M

### **milk production**

cash receipts, dairy 64,61  
disposition & income 59  
livestock annual summary 55  
NJ ranking, by county 14  
production, by quarter & annual 59  
record highs & lows by unit 17

## N

### **nurseries**

cash receipts 61  
NJ certified nurseries, by county 65  
NJ ranking, by county 14

## O

### **oats**

record highs & lows, by acreage,  
& production 15  
weight & measures 13

### **onions, dry**

unit of sale & average weight 13  
usual planting & harvesting dates 44

## P

### **pasture**

condition as percent of normal 58

### **peaches**

cash receipts, fruits 62  
crop summary tables 18-20  
fruit annual summary 45  
NJ ranking, by county and the  
nation 14  
prices received, by month 68  
production, by county 48  
production, utilization, price & value  
of utilized production 46  
record highs & lows by prod 17  
unit of sale & average weight 13  
usual full bloom & harvesting dates 46

### **peas, green**

usual planting & harvesting dates 44

### **peppers, bell**

acreage, yield, prod, price & value  
of prod 42

cash receipts, vegetables 62  
crop summary tables 18-20  
NJ ranking, by the nation 14  
record highs & lows, by acreage,  
yield & production 16  
unit of sale & average weight 13  
usual planting & harvesting dates 44  
vegetable annual summary 40

### **potatoes**

acreage, yield & prod, by county 36,37  
acreage, yield, production, price  
& value of production 23  
cash receipts, crops 61  
crop summary tables 18-20  
crops annual summary 21  
NJ ranking, by county 14  
record highs & lows, by acreage,  
yield & production 15  
usual planting & harvesting dates 15  
weights & measures 13

### **processed vegetables**

cash receipts, vegetables 62  
crop summary tables 18-20

### **pumpkins**

acreage, yield, production, price  
& value of production 42  
crop summary tables 18-20  
record highs & lows, by acreage,  
yield & production 16  
usual planting & harvesting dates 44  
vegetable annual summary 41

## R

### **rye**

record highs & lows, by acreage, yield  
& production 15  
weights & measures 13

## S

### **sheep**

record highs & lows, by head 17

### **snap beans**

acreage, yield, production, price  
& value of production 43

cash receipts, vegetables 62  
crop summary tables 18-20  
record highs & lows, by acreage,  
yield & production 16  
unit of sale & average weight 13  
usual planting & harvesting dates 44  
vegetable annual summary 40

### **sod**

cash receipts 61

### **soybeans**

acreage, yield & prod, by county 26,27  
acreage, yield, production, price  
& value of production 23  
cash receipts, crops 61  
crop summary tables 18-20  
crops annual summary 21  
NJ ranking, by county 14  
record highs & lows, by acreage,  
yield & production 15  
usual planting & harvesting dates 15  
weights & measures 13

### **spinach**

acreage, yield, production, price  
& value of production 43  
cash receipts, vegetables 62  
crop summary tables 18-20  
record highs & lows, by acreage,  
yield & production 16  
unit of sale & average weight 13  
usual planting & harvesting dates 44  
vegetable annual summary 40

### **squash, summer**

acreage, yield, production, price  
& value of production 43  
crop summary tables 18-20  
usual planting & harvesting dates 44  
vegetable annual summary 40

### **squash, winter**

acreage, yield, production, price  
& value of production 43  
crop summary tables 18-20  
usual planting & harvesting dates 44  
vegetable annual summary 40

### **steers**

livestock annual summary 55  
number on farms 56

### **sweet corn**

acreage, yield, production, price  
& value of production 43  
cash receipts, vegetables 62  
crop summary tables 18-20  
NJ ranking, by county 14  
record highs & lows, by acreage  
yield & production 16  
unit of sale & average weight 13  
usual planting & harvesting dates 44  
vegetable annual summary 40

### **sweet potatoes**

acreage, yield, production, price  
& value of production 23  
cash receipts, crops 61  
crop summary tables 18-20  
crops annual summary 21  
NJ ranking, by county 14  
record highs & lows, by acreage,  
yield & production 15  
usual planting & harvesting dates 15  
weights & measures 13

## T

### **tomatoes**

acreage, yield, production, price  
& value of production 43  
cash receipts, vegetables 62  
crop summary tables 18-20  
record highs & lows, by acreage,  
yield & production 16  
unit of sale & average weight 13  
usual planting & harvesting dates 44  
vegetable annual summary 40

## V

### **vegetables**

acreage, yield, production, price  
& value of production 41-43  
cash receipts, vegetables 62  
crop summary tables 18-20  
principal vegetable acreage, production  
& value of production 44  
record highs & lows, by acreage,  
yield & production 16  
unit of sale & average weight 13  
usual planting & harvesting dates 44  
vegetable annual summary 40

## W

### **weights & measures**

field crops 13  
fruits & berries 13  
vegetables 13

### **wheat, winter**

acreage, yield & prod, by county 28,29  
acreage, yield, production, price  
& value of production 23  
cash receipts, crops 61  
crop summary tables 18-20  
crops annual summary 21  
NJ ranking, by county 14  
record highs & lows, by acreage,  
yield & production 15  
usual planting & harvesting dates 15  
weights & measures 13

### **wool**

record highs & lows, by unit 17



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