Crops

FIELD CROPS

Grain Corn
New York production was estimated at 79.7 million bushels, down 13 percent from last year. Area for harvest totaled 595,000 acres, up 7 percent from a year ago. Yield per acre was a record high 134 bushels per acre down 10 bushels from last year. Production was valued at $315 million, down 21 percent from 2008.

Silage Corn
Corn cut for silage totaled 8.46 million tons, a decrease of 5 percent from last year. Area for harvest increased 6 percent to 470,000 acres. Yields were estimated at 18.0 tons per acre. Production was valued at $290 million, down 18 percent from 2008.

Soybeans
The 2009 soybean crop was estimated at a record high 10.9 million bushels, 5 percent above last year's production. Area harvested, a record high at 254,000 acres, was up 12 percent from a year ago. Yields decreased by 3 bushels per acre from the 2008 crop to average 43 bushels per acre. The value of the 2009 soybean crop was set at $97.8 million, down 9 percent from the previous year.

Wheat
Production totaled 6.83 million bushel, down 18 percent from the previous year. Harvested acreage, at 105,000 acres, was down 14 percent from 2008. Winter wheat yields averaged 63 bushels per acre, up 10 bushels from a year ago. Winter wheat was valued at $32.1 million, down 32 percent from a year ago.

Oats
Production, at 4.62 million bushels, was up 9 percent from the previous year. Area harvested, at 60,000 acres was down 6 percent from last year. The average yield, at 77 bushels per acre, was up 11 bushels from a year ago and ties the record set in 1985. Oat production was valued at $9.7 million, down 25 percent from 2008.

Barley
Production of barley in New York totaled 530,000 bushels up 13 percent from a year earlier. Acreage harvested for grain totaled 10,000 acres, up 1,000 acres from 2008. The average yield per acre, at 53 bushels, was up 1 bushel from last year. Barley production was valued at $1.86 million, down 17 percent from the 2008 value.

All Dry Hay
Production was 2.47 million tons, down 8 percent from last year's 2.69 million tons. Acreage harvested for dry hay during 2009 increased 3 percent to 1.36 million acres. Yield, at 1.82 tons per acre, was 11 percent below a year ago. Value of production, at $310 million, was down 10 percent from a year ago.

Alfalfa Dry Hay
New York production of alfalfa dry hay was estimated at 805 thousand tons, down 15 percent from last year's crop of 945 thousand tons. Area harvested, at 350,000 acres was the same as last year. Yields averaged 2.30 tons per acre, down 15 percent from last year. Alfalfa dry hay production was valued at $115 million, down 32 percent from the 2008 value of $170 million.

Forage
Forage production is the sum of all dry hay and haylage/ greenchop production after converting the haylage/ greenchop to a dry equivalent basis. New York's acres harvested at 1,830 was the same as last year's. The average yield at 2.60 tons per acre was down from the previous year's 2.73 tons. Production at 4.76 million tons was down 5 percent from a year ago.

Potatoes
Production totaled 4.95 million hundredweight (cwt.), down 13 percent from the 5.70 million cwt. produced in 2008. Harvested acreage totaled a record low 16,500 down 1,300 acres from last year. Yields averaged a record high 300 cwt. per acre, down 20cwt. from a year ago. The value of potatoes, at $61.9 million, was down 33 percent from 2008.

Dry Beans
Production totaled 193,000 cwt., down 40 percent from 2008. Acres harvested totaled 15,600 acres, down 1,200 acres from a year earlier. The average yield, at 1,240 pounds per acre was down 690 lbs. from last year. Dry beans were valued at $8.88 million, down 51 percent from the 2008 value of $18.1 million.

2009 CROP SUMMARY

April

Dry, warm spring weather accelerated planting activities. Field preparation and manure spreading was underway. Half of the oats were planted and corn was beginning to be sewn by month's end. Vegetable planting began earlier than usual.

May

Cool, wet weather conditions slowed planting process at the end of May. Frost from the mid-month affected fruit trees, grapes, and strawberries. Corn, oats, potatoes, and soybean planting all finished the month ahead of the five year average. By the end of the month some dry hay was beginning to be cut. Vegetables began to emerge.

June

After a week of near perfect weather, the state endured a series of both cold fronts and wet conditions. This limited field work. Storm systems allowed several rounds of showers, hindering haying activities. In the last week of the month, severe thunderstorms crossed western and central New York producing wind damage and hail across eastern and southern parts of the state.

July

Scattered showers and lower than normal temperatures continued to obstruct crop development. Warmer weather moved into the region, but farmers were still hindered by scattered showers in their planting and haying efforts. On average, less than 4 days were suitable for fieldwork each week. Dry bean plantings were finished.

August

Temperatures averaged above normal across the state. Warmer weather was a boon for corn development, soybean flowering, and soybean pod fill. Severe weather and flash flooding occurred later in the month as Hurricane Bill remained off the east coast.

September

Warm, dry weather promoted crop maturity and allowed dry hay harvest to continue. Fieldwork and harvesting activities progressed under near perfect weather conditions. By the end of the month, oat harvest had finished and potatoes were about two-thirds harvested. Silage corn harvest passed the one-third mark. Apples were two-thirds picked and grapes one-quarter harvested.

October

Damaging, non-thunderstorm wind gusts were observed across the Empire State. Scattered showers slowed silage chopping and hindered dry hay harvest. The third cutting of alfalfa hay was completed, silage corn harvest neared completion, grain corn harvest gained momentum, and soybean harvest reached about one-third finished. Few fieldwork days were lost during the month.

Table 8. FIELD CROPS: Acres, Yield, Production, and Value, New York, 2000-2009

Crop and Year	Planted	Harvested	Yield per acre	Production	Marketing year average price	Value of production
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*	*Dollars per bu.*	*1,000 dollars*
WHEAT						
2000	150	140	53.0	7,420	1.94	14,395
2001	125	120	53.0	6,360	2.64	16,790
2002	120	118	58.0	6,844	3.28	22,448
2003	130	120	53.0	6,360	2.85	15,455
2004	105	100	53.0	5,300	2.80	14,840
2005	100	95	54.0	5,130	3.34	17,134
2006	105	95	61.0	5,795	4.03	23,354
2007	100	85	53.0	4,505	6.92	31,175
2008	130	122	63.0	7,686	6.16	47,346
2009	115	105	65.0	6,825	4.70	32,078
OATS						
2000	80	60	65.0	3,900	1.40	5,460
2001	95	80	69.0	5,520	1.62	8,942
2002	75	65	64.0	4,160	1.92	7,987
2003	85	70	63.0	4,410	1.81	7,982
2004	65	50	65.0	3,250	1.80	5,850
2005	95	75	54.0	4,050	1.64	6,642
2006	85	67	74.0	4,958	1.67	8,280
2007	100	60	58.0	3,480	2.69	9,361
2008	80	64	66.0	4,224	3.07	12,968
2009	90	60	77.0	4,620	2.10	9,702
BARLEY						
2000	12	10	58.0	580	1.65	957
2001	15	12	51.0	612	1.60	979
2002	11	10	47.0	470	1.96	921
2003	15	13	50.0	650	2.09	1,359
2004	14	10	53.0	530	2.05	1,087
2005	17	15	49.0	735	1.80	1,323
2006	17	12	55.0	660	1.79	1,181
2007	13	11	49.0	539	2.76	1,488
2008	13	9	52.0	468	4.75	2,223
2009	12	10	53.0	530	3.50	1,855
SOYBEANS						
2000	135	132	33.0	4,356	4.55	19,820
2001	160	158	33.0	5,214	4.55	23,724
2002	145	144	32.0	4,608	5.85	26,957
2003	140	138	35.0	4,830	7.80	37,674
2004	175	172	39.0	6,708	5.40	36,223
2005	190	188	42.0	7,896	5.20	41,059
2006	200	198	46.0	9,108	6.19	56,379
2007	205	203	39.0	7,917	11.20	88,670
2008	230	226	46.0	10,396	10.30	107,079
2009	255	254	43.0	10,922	8.95	97,752

1/ No longer available.

Table 8. FIELD CROPS: Acres, Yield, Production, and Value, New York, 2000-2009 *(Continued)*

Crop and Year	Planted 1/	Harvested	Yield per acre	Production	Marketing year average price	Value of production
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*	*Dollars per bu.*	*1,000 dollars*
CORN FOR GRAIN						
2000	980	450	98.0	44,100	2.35	103,635
2001	1,030	540	105.0	56,700	2.51	142,317
2002	1,020	460	97.0	44,620	2.87	128,059
2003	1,000	440	121.0	53,240	2.82	150,137
2004	980	500	122.0	61,000	2.37	144,570
2005	990	460	124.0	57,040	2.29	130,622
2006	950	480	129.0	61,920	3.42	211,766
2007	1,060	550	128.0	70,400	5.05	355,520
2008	1,090	640	144.0	92,160	4.32	398,131
2009	1,070	595	134.0	79,730	3.95	314,934
CORN SILAGE			*Tons*	*1,000 Tons*	*Dollars per ton*	
2000	-	530	14.0	7,420	25.60	189,952
2001	-	485	16.0	7,760	26.40	204,864
2002	-	550	14.0	7,700	25.70	197,890
2003	-	550	17.5	9,625	26.20	252,175
2004	-	470	17.0	7,990	26.00	207,740
2005	-	520	17.0	8,840	25.70	227,188
2006	-	460	18.0	8,280	27.50	227,700
2007	-	505	17.0	8,585	31.60	271,286
2008	-	445	20.0	8,900	39.60	352,440
2009	-	470	18.0	8,460	34.30	290,178
DRY BEANS 2/				*1,000 cwt*	*Dollars per cwt*	
2000	25.0	24.5	1,460	358	18.80	6,730
2001	23.0	22.3	870	194	24.70	4,792
2002	25.0	24.5	1,360	333	22.20	7,393
2003	25.0	24.0	1,860	446	22.60	10,080
2004	24.0	23.5	1,300	306	27.90	8,537
2005	25.0	23.0	1,350	311	21.40	6,655
2006	19.0	18.0	1,450	261	25.90	6,760
2007	17.0	16.5	1,500	248	41.20	10,218
2008	17.0	16.8	1,930	324	56.00	18,144
2009	16.0	15.6	1,240	193	46.00	8,878

1/ Complete utilization of corn acreage planted is shown on page 23. Corn planted acreage includes corn for grain, silage, forage, and abandoned acres.

2/ Production by major varieties is shown on page 22.

Table 8. FIELD CROPS: Acres, Yield, Production, and Value, New York, 2000-2009 *(Continued)*

Crop and Year	Planted	Harvested	Yield per acre	Production	Marketing year average price	Value of production
	1,000 acres	*1,000 acres*	*Tons*	*1,000 tons*	*Dollars per ton*	*1,000 dollars*
ALFALFA HAY						
2000	-	450	2.40	1,080	119.00	128,520
2001	-	570	2.80	1,596	119.00	189,924
2002	-	610	2.50	1,525	128.00	195,200
2003	-	600	2.80	1,680	132.00	221,760
2004	-	470	2.80	1,316	139.00	182,924
2005	-	450	2.10	945	131.00	123,795
2006	-	370	2.10	777	146.00	113,442
2007	-	420	2.40	1,008	150.00	151,200
2008	-	350	2.70	945	179.00	169,155
2009	-	350	2.30	805	143.00	115,115
OTHER HAY						
2000	-	1,050	1.90	1,995	93.50	186,533
2001	-	1,100	1.80	1,980	84.50	167,310
2002	-	1,100	1.90	2,090	87.50	182,875
2003	-	1,250	1.60	2,000	98.00	196,000
2004	-	800	2.00	1,600	89.00	142,400
2005	-	1,200	1.40	1,680	95.00	160,440
2006	-	1,150	1.75	2,013	101.00	203,313
2007	-	940	1.80	1,692	106.00	179,352
2008	-	970	1.80	1,746	111.00	193,806
2009	-	1,010	1.65	1,667	117.00	195,039
ALL HAY 1/						
2000	-	1,500	2.05	3,075	103.00	315,053
2001	-	1,670	2.14	3,576	104.00	357,234
2002	-	1,710	2.11	3,615	106.00	378,075
2003	-	1,850	1.99	3,680	113.00	417,760
2004	-	1,270	2.30	2,916	115.00	325,324
2005	-	1,650	1.59	2,625	110.00	284,235
2006	-	1,520	1.84	2,790	113.00	316,755
2007	-	1,360	1.99	2,700	122.00	330,552
2008	-	1,320	2.04	2,691	135.00	362,961
2009	-	1,360	1.82	2,472	125.00	310,154

1/ All hay price is based on weighted sales, not production.

Table 8. FIELD CROPS: Acres, Yield, and Production, New York, 2000-2009 1/

Crop and Year	Harvested	Yield per acre	Production
	1,000 acres	*Tons*	*1,000 tons*
ALFALFA FORAGE			
2000	710	3.24	2,300
2001	900	3.55	3,192
2002	900	3.11	2,798
2003	950	3.73	3,539
2004	700	3.56	2,492
2005	750	3.11	2,329
2006	610	3.31	2,021
2007	700	3.63	2,543
2008	690	3.86	2,664
2009	680	3.55	2,412
ALL FORAGE			
2000	1,940	2.50	4,858
2001	2,050	2.73	5,587
2002	2,120	2.59	5,488
2003	2,310	2.61	6,027
2004	1,680	2.92	4,904
2005	2,280	2.09	4,774
2006	1,990	2.51	4,996
2007	1,850	2.64	4,890
2008	1,830	2.73	4,990
2009	1,830	2.60	4,756
ALFALFA HAYLAGE & GREENCHOP			
2000	390	6.00	2,613
2001	450	7.30	3,285
2002	510	5.90	3,009
2003	470	8.00	3,760
2004	340	7.00	2,380
2005	400	7.00	2,800
2006	370	6.80	2,516
2007	450	6.90	3,105
2008	470	7.40	3,478
2009	440	7.39	3,252
ALL HAYLAGE & GREENCHOP			
2000	610	5.83	3,559
2001	650	6.35	4,125
2002	660	5.40	3,564
2003	660	7.19	4,748
2004	650	6.19	4,023
2005	830	5.24	4,348
2006	700	6.38	4,463
2007	700	6.33	4,430
2008	700	6.64	4,651
2009	630	7.34	4,622

1/ Estimates began in 2000. Forage production is the sum of all dry hay production and haylage/greenchop production after converting the haylage/greenchop production to a dry equivalent basis.

Table 9. POTATOES: Acreage, Yield, Production, and Disposition, Sales, and Value, New York, 2000-2009

Crop Year	Planted	Harvested	Yield per acre	Production	Used on farms where grown 1/	Sold	Marketing year average price	Value	
								Production	Sales
	Acres	*Acres*	*Cwt.*	--------*1,000 cwt.*--------			*Dollars per cwt.*	*1,000 dollars*	
2000	22,000	21,300	280	5,964	514	5,450	8.70	51,887	47,415
2001	23,500	23,300	255	5,942	602	5,340	9.90	58,826	52,866
2002	22,500	22,000	250	5,500	450	5,050	11.80	64,900	59,590
2003	22,200	21,700	300	6,510	620	5,890	9.75	63,473	57,363
2004	20,000	19,200	270	5,184	613	4,571	8.25	42,768	37,657
2005	20,500	20,100	260	5,226	591	4,635	12.30	64,280	56,803
2006	20,600	19,000	300	5,700	580	5,120	12.00	68,400	61,584
2007	19,000	18,300	285	5,216	464	4,752	11.80	61,543	55,906
2008	18,000	17,800	320	5,696	440	5,256	16.20	92,275	84,905
2009	17,100	16,500	300	4,950	2/	2/	2/	2/	2/

1/ Includes feed and seed used on farms where produced and shrinkage during storage.
2/ Available September 23, 2010.

Table 10. POTATOES: Stocks Held by Growers and Local Dealers, New York, 2000-2009 1/

Crop Year	December 1	January 1	February 1	March 1	April 1
			1,000 cwt.		
2000	2,600	1,900	1,400	1,000	400
2001	2,400	1,500	1,000	600	300
2002	2,400	1,800	1,100	600	220
2003	2,700	1,600	1,100	700	300
2004	2,300	1,600	1,200	700	300
2005	2,900	2,200	1,700	1,200	500
2006	3,000	2,200	1,400	1,000	500
2007	2,900	2,100	1,600	1,200	500
2008	2,600	2,000	1,600	1,200	700
2009	2,500	1,900	2/	2/	2/

1/ Total stocks consist of production less total disappearance to date. Disappearance includes all sales for all purposes, all potatoes eaten or fed on farms where produced and all losses to date through shrinkage, decay, dumping, etc.
2/ Stocks not published due to confidentiality rules.

Table 11. DRY BEANS: Acreage, Yield, Production, and Off-Farm Stocks, by Class, New York, 2000-2009

Crop Year		Acres		Yield per acre	Production
		Planted	Harvested		
		1,000 acres		*Pounds*	*1,000 cwt.*
RED KIDNEY					
Light	2000	15.0	14.6	1,430	209
	2001	13.3	13.1	850	112
	2002	15.0	14.7	1,300	191
	2003	14.1	13.4	1,890	253
	2004	12.0	11.6	1.100	128
	2005	13.0	12.2	1,100	134
	2006	7.0	6.6	1,450	96
	2007	7.5	7.3	1,300	95
	2008	7.2	7.0	2,010	141
	2009	5.7	5.5	930	51
Dark	2000	1.9	1.8	1,280	23
	2001	1.2	1.2	830	10
	2002	2.0	2.0	1,350	27
	2003	1.1	1.1	1,820	20
	2004	1.5	1.5	1,000	15
	2005	1.5	1.2	830	10
	2006	2.0	1.9	840	16
	2007	1.5	1.4	1,570	22
	2008	1.7	1.7	2,290	39
	2009	1.8	1.8	1,720	31
BLACK TURTLE					
	2000	5.2	5.2	1,500	78
	2001	6.7	6.3	940	59
	2002	6.0	5.8	1,570	91
	2003	8.2	7.9	1,800	142
	2004	9.0	8.9	1,040	93
	2005	9.0	8.5	1,510	128
	2006	9.0	8.6	1,600	138
	2007	7.0	6.9	1,650	114
	2008	7.4	7.4	1,800	133
	2009	7.7	7.6	1,280	97
OTHER CLASSES					
	2000	2.9	2.9	1,660	48
	2001	1.8	1.7	760	13
	2002	2.0	2.0	1,200	24
	2003	1.6	1.6	1,940	31
	2004	1.5	1.5	730	11
	2005	1.5	1.1	910	10
	2006	1.0	.9	1,220	11
	2007	1.0	.9	1,890	17
	2008	.7	.7	1,570	11
	2009	.8	.7	2,000	14
ALL CLASSES					
	2000	25.0	24.5	1,460	358
	2001	23.0	22.3	870	194
	2002	25.0	24.5	1,360	333
	2003	25.0	24.0	1,860	446
	2004	24.0	23.5	1,050	247
	2005	25.0	23.0	1,230	282
	2006	19.0	18.0	1,450	261
	2007	17.0	16.5	1,500	248
	2008	17.0	16.8	1,930	324
	2009	16.0	15.6	1,240	193

Table 12. CORN: Acreage Utilization, New York, 2000-2009

Crop Year	Total acres planted	Acres harvested for					
		All Grain	Dry Shelled	High Moisture Shelled	High Moisture Ground Ear	Silage	Forage and abandoned
	1,000 acres						
2000	980	450	360	80	10	530	0
2001	1,030	540	405	115	20	485	5
2002	1,020	460	350	90	20	550	10
2003	1,000	440	340	85	15	550	10
2004	980	500	380	95	25	470	10
2005	990	460	360	90	10	520	10
2006	950	480	390	80	10	460	10
2007	1,060	550	470	70	10	505	5
2008	1,090	640	510	120	10	445	5
2009	1,070	595	450	135	10	470	5

Table 13. HAY: Stocks on Farms, New York, 2000-2009

Crop Year	Total production	Stocks Following Harvest			
		December 1		May 1*	
		Stocks	Percent of production	Stocks	Percent of production
	1,000 tons	*1,000 tons*	*Percent*	*1,000 tons*	*Percent*
2000	3,075	2,280	74	625	20
2001	3,576	2,250	63	600	17
2002	3,615	2,236	62	520	14
2003	3,680	2,430	66	552	15
2004	2,916	1,895	65	440	15
2005	2,625	1,650	62	285	11
2006	2,790	1,451	52	326	12
2007	2,700	1,674	62	283	10
2008	2,691	1,453	54	420	16
2009	2,472	1,582	64	400	16

* May of following year.

NEW YORK FEED GRAIN IN 2009

New York feed grain production (corn, oats, barley and soybeans) in 2009 was 11 percent above production in 2008, but 30 percent above the 10 year average. The increase in grain production from a year earlier is primarily due to increased corn and soybean production.

Feed grain produced in 2009 met 136 percent of the State's feeding requirements. Over the past ten years, New York farmers have produced on average 100 percent of the feed needed for the dairy, livestock and poultry industries in the state. Due to a change in methodology in 2008 previous published annual bulletin feed grain tables are not comparable. All data listed in this publication use the current methodology.

Table 14. FEED GRAIN: New York, 2000-2009

Year	Quantity Produced	Quantity Fed	Quantity of Deficit/Surplus*
	1,000 tons		
2000	1,442	2,049	(607)
2001	1,848	1,982	(134)
2002	1,466	2,000	(534)
2003	1,723	1,954	(231)
2004	1,975	1,952	22
2005	1,917	1,958	(41)
2006	2,103	1,946	157
2007	2,278	1,882	396
2008	2,973	1,915	1,058
2009	2,648	1,953	695

* Deficit in parenthesis.