



# CROP PROGRESS & CONDITION

## Kansas Agricultural Statistics

Cooperating with the Kansas Department of Agriculture

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For the week ending May 29, 2011

**Agricultural Summary:** Precipitation again varied widely across Kansas last week as most of the State except for the Southwest and South Central Districts received rainfall. Seventeen of the 52 stations received more than 2 inches of rain, led by Beloit with 4.54 inches, Columbus with 4.41 inches, and Parsons with 3.50 inches. In contrast, 7 of the 52 stations received less than half an inch of precipitation, all in the Southwest and South Central Districts. A small portion of the southern counties were warmer than normal last week, whereas a majority of counties were cooler than average. Highs ranged from the low 80's to 95 degrees in Ashland and Medicine Lodge, while low temperatures ranged from the low 50's down to 36 degrees in Colby. Farmers had an average of 3.3 days suitable for field work last week, the lowest since the second week of March. However, the light rainfall allowed 6.5 days suitable in the Southwest District and 5.4 days suitable in the South Central. Topsoil moisture supplies improved for a second week and were rated at 18 percent very short, 17 percent short, 50 percent adequate, and 15 percent surplus. Topsoil in the Southwest District remained at 100 percent short to very short, followed by the South Central at 83 percent and the West Central at 67 percent short to very short. In contrast, the three eastern districts were all over 90 percent adequate to surplus. In the Northwest District, topsoil moisture improved 36 points to 85 percent adequate to surplus. The Kansas subsoil moisture supplies were rated 23 percent very short, 23 percent short, 47 percent adequate, and 7 percent surplus. The primary farm activities last week were planting row crops, applying fertilizer, irrigating fields, preparing for wheat harvest, and cutting alfalfa hay.

**Field Crop Report:** The cool, wet weather has improved the winter wheat condition marginally with the crop rated at 25 percent very poor, 29 percent poor, 29 percent fair, 15 percent good, and 2 percent excellent. Ninety-seven percent of the crop has headed, compared to 92 percent last year and 95 percent for the 5-year average. Seventeen percent of wheat has turned color, primarily in South Central Kansas, ahead of 16 percent in 2010 but behind 22 percent for the 5-year average. Disease damage increased to 3 percent moderate and 17 percent light. Only 3 percent of the corn remained to be planted as of Sunday, the same as the 5-year average but ahead of last year's 5 percent. Seventy-five percent of

the crop has emerged, behind last year at 78 percent and the 5-year average of 81 percent. The condition of the corn crop was rated 1 percent very poor, 3 percent poor, 40 percent fair, 51 percent good, and 5 percent excellent. Last week's rain showers slowed planting progress as producers only planted 10 percent of the State's soybean acreage, 9 percent of the sorghum and 4 percent of the corn last week. **Soybean** farmers planted as field conditions allowed and had 56 percent of the crop in by Sunday, ahead of both last year and the 5-year average at 50 percent and 54 percent, respectively. Twenty-eight percent of the crop has emerged, ahead of 2010 at 22 percent and the 5-year average of 26 percent. Twenty-six percent of the **sorghum** has been planted, ahead of last year at 21 percent but behind the 5-year average of 28 percent. Nine percent of the crop has emerged, compared to 8 percent for the previous year and the 5-year average of 10 percent. **Cotton** producers made excellent progress last week planting 25 percent of the crop by week's end, advancing to 48 percent complete, ahead of last year at 32 percent and the 5-year average of 40 percent. **Sunflowers** were 9 percent planted, compared to 6 percent in 2010 and 14 percent for the 5-year average. The first cutting of **alfalfa** was 56 percent complete, behind 57 percent in 2010 and 62 percent the 5-year average. The infestation of weevils and aphids continues to be a problem as producers continue to spray alfalfa fields.

**Feed Supplies Report:** Despite the welcome rain, range and pasture condition improved only slightly last week and was rated at 15 percent very poor, 19 percent poor, 31 percent fair, 31 percent good, and 4 percent excellent. Feed grain supplies in Kansas were rated at 4 percent very short, 10 percent short, 81 percent adequate, and 5 percent surplus. Hay and forage supplies were rated at 7 percent very short, 19 percent short, 71 percent adequate, and 3 percent surplus. Stock water supplies recovered some last week and were 7 percent very short, 14 percent short, 73 percent adequate, and 6 percent surplus. Producers are still slow to place cattle on pastures that are below standard and continue to provide cattle with supplemental feed and water in the drought stricken areas of the State.

**Kansas Crop Progress for the  
Week Ending May 29, 2011**

Crop	This Week	Last Week	Last Year	5-Yr Avg.
	Percent			
Winter Wheat Headed	97	85	92	95
Winter Wheat Turned Color	17	5	16	22
Corn Planted	97	93	95	97
Corn Emerged	75	62	78	81
Sorghum Planted	26	17	21	28
Sorghum Emerged	9	4	8	10
Soybeans Planted	56	46	50	54
Soybeans Emerged	28	13	22	26
Cotton Planted	48	23	32	40
Sunflowers Planted	9	4	6	14
Alfalfa 1st Cutting	56	40	57	62

**Kansas Crop Conditions for the  
Week Ending May 29, 2011**

Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent				
Winter Wheat	25	29	29	15	2
Corn	1	3	40	51	5
Range & Pasture	15	19	31	31	4

**Wheat Damage for the  
Week Ending May 29, 2011**

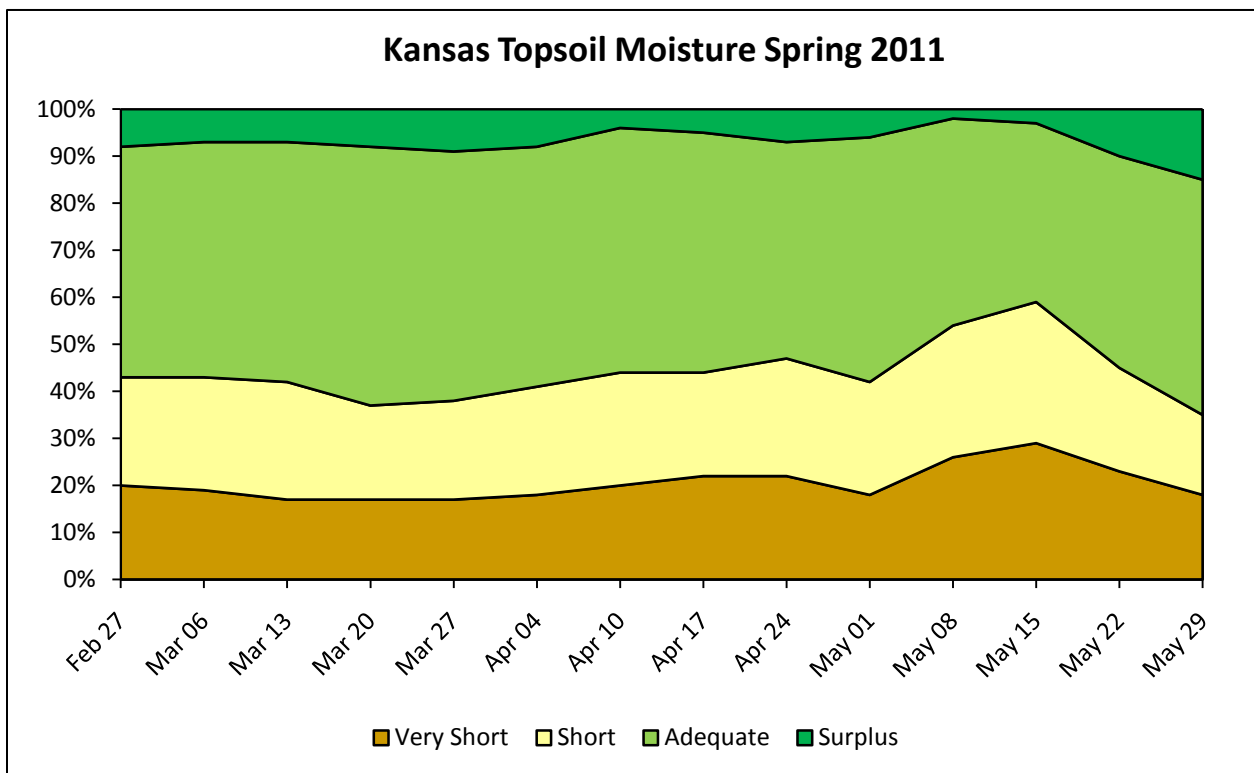
Type	None	Light	Moderate	Severe
	Percent			
Insect Damage	88	10	2	0
Disease Damage	80	17	3	0

**Days Suitable, Soil Moisture, and Crop Progress  
by District for the Week Ending May 29, 2011**

	NW	WC	SW	NC	C	SC	NE	EC	SE	STATE	LAST WEEK	LAST YEAR
Days Suitable for Fieldwork	3.3	4.4	6.5	1.5	2.9	5.4	1.7	1.6	2.0	3.3	4.5	4.2
Topsoil Moisture	Percent											
Very Short	3	28	75	0	9	31	0	0	1	18	23	0
Short	12	39	25	1	19	52	4	1	7	17	22	8
Adequate	78	33	0	66	61	17	77	78	57	50	45	75
Surplus	7	0	0	33	11	0	19	21	35	15	10	17
Subsoil Moisture	Percent											
Very Short	17	34	84	2	16	38	0	0	4	23	25	3
Short	36	51	16	18	34	47	8	4	10	23	27	5
Adequate	46	15	0	67	49	15	82	87	59	47	43	80
Surplus	1	0	0	13	1	0	10	9	27	7	5	12
Crop Progress	Percent											
Winter Wheat Headed	90	90	98	98	100	100	95	98	100	97	85	92
Winter Wheat Turned Color	0	3	18	1	15	44	1	8	31	17	5	16
Corn Planted	95	96	95	97	100	100	100	99	99	97	93	95
Corn Emerged	54	53	64	79	97	97	87	94	98	75	62	78
Sorghum Planted	25	20	18	17	27	47	25	39	57	26	17	21
Sorghum Emerged	4	1	6	9	8	24	4	14	21	9	4	8
Soybeans Planted	52	36	23	73	64	46	81	50	27	56	46	50
Soybeans Emerged	14	3	8	41	29	24	36	28	16	28	13	22

**Feed and Water Supplies for the  
Week Ending May 29, 2011**

Type	Very Short	Short	Adequate	Surplus
	Percent			
Feed Grain	4	10	81	5
Hay and Forage	7	19	71	3
Stock Water	7	14	73	6



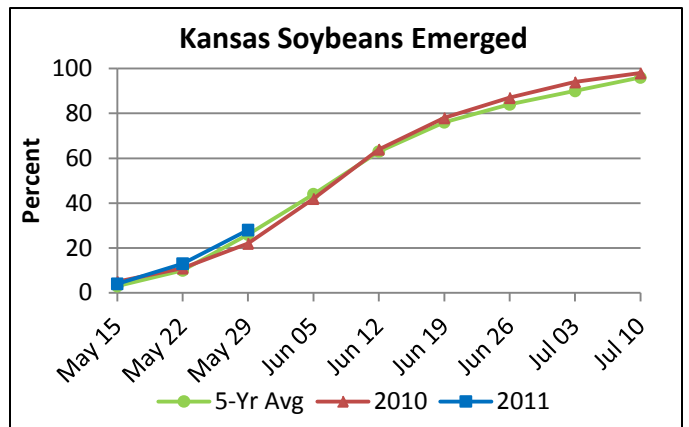
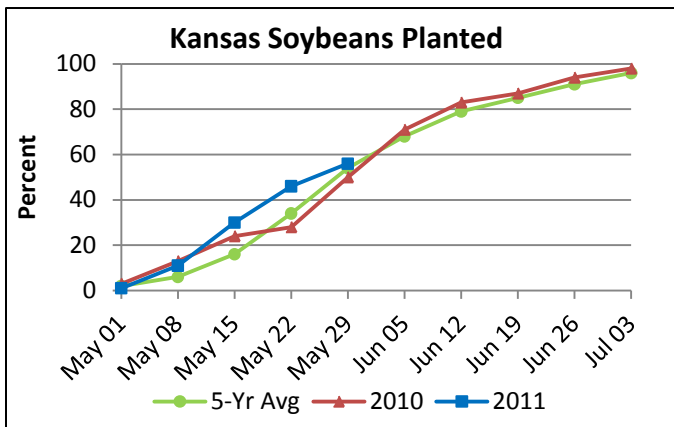
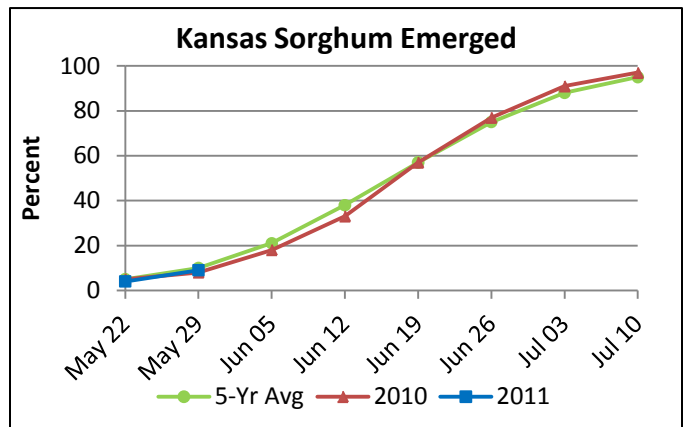
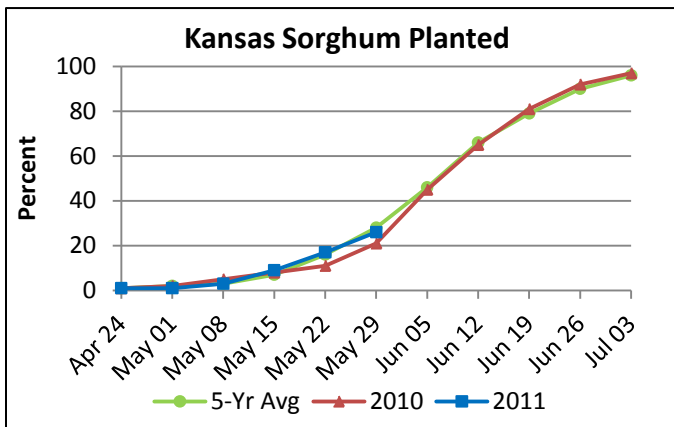
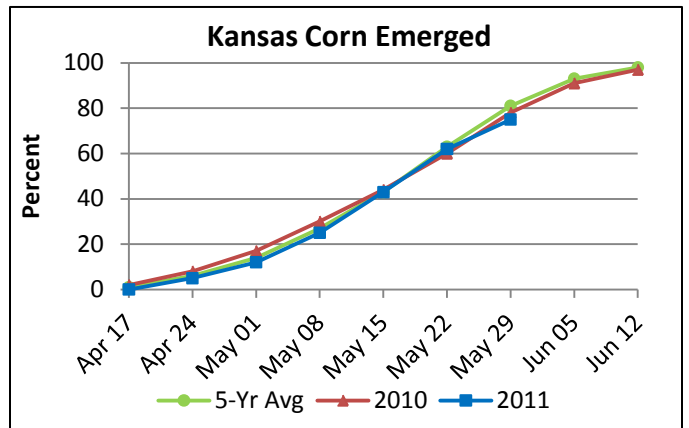
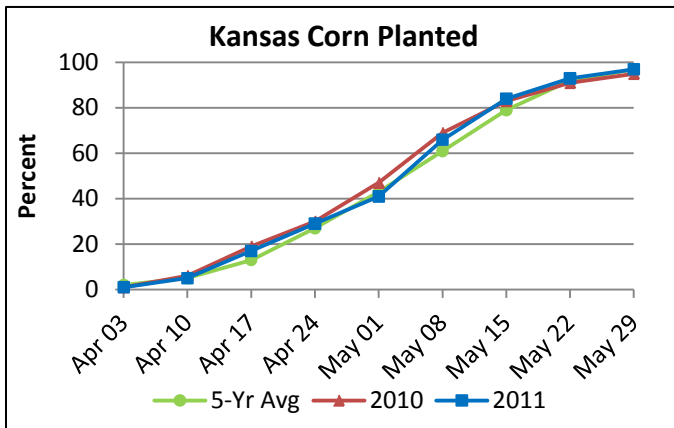
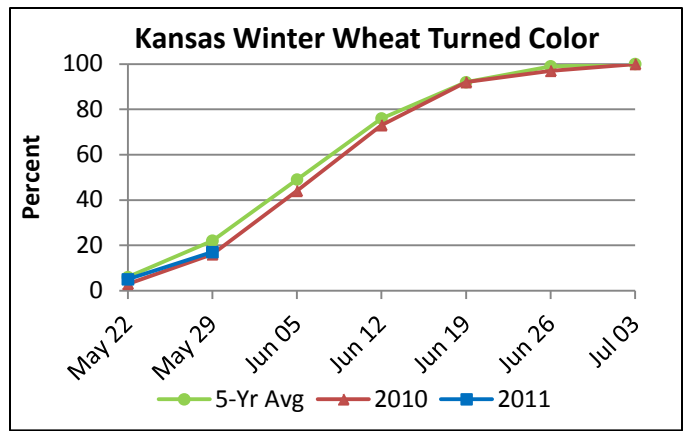
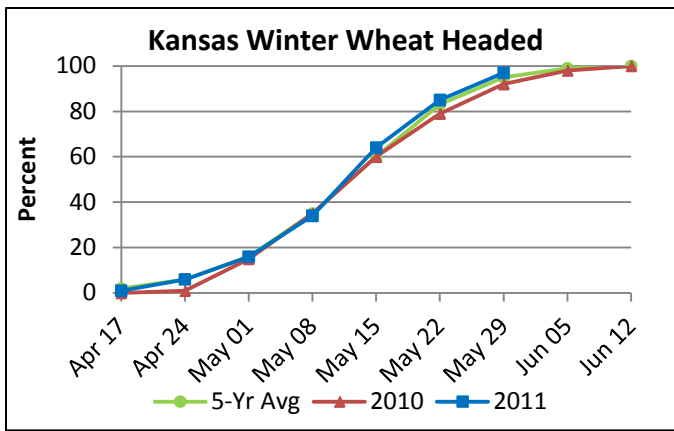
## Temperature and Precipitation Data from May 22 – May 29, 2011 <sup>1/</sup>

Location	Weekly Temperatures				Precipitation (in.)				Growing Degree Days* Since April 1	
	Extremes		Avg.	DFN	Last Week		Since January 1		Total	DFN
	High	Low			Total	DFN	Total	DFN		
<b>Northwest District</b>										
Colby	83	36	61	-2	1.71	+0.88	5.19	-2.18	352	+50
Goodland	81	37	60	-3	2.23	+1.39	7.64	+0.84	314	-8
Hill City	85	42	64	-1	1.54	+0.73	5.48	-3.23	486	+64
McDonald	81	37	60	-3	2.74	+1.81	11.03	+2.70	276	-26
Oberlin	82	37	61	-4	2.66	+1.82	9.29	+0.91	320	-71
<b>West Central District</b>										
Healy	88	39	63	-3	1.46	+0.69	5.21	-2.61	471	+37
Quinter	85	40	63	-2	0.85	-0.03	6.53	-2.49	394	-9
Russell Springs	86	37	61	-4	0.90	+0.16	3.94	-2.71	386	-16
Tribune	87	37	63	0	1.16	+0.48	4.41	-1.65	422	+76
<b>Southwest District</b>										
Ashland	95	41	70	+2	0.10	-0.81	3.03	-5.21	662	+55
Dodge City	94	39	68	+3	0.04	-0.81	3.06	-5.24	635	+152
Elkhart	90	44	67	+1	0.22	-0.41	1.63	-4.97	580	+41
Garden City	90	38	64	-2	0.83	0.00	4.26	-2.84	471	-8
Johnson	90	42	67	-2	0.18	-0.45	2.70	-2.45	547	-41
Liberal	91	41	71	+4	0.00	-0.75	1.35	-5.75	695	+134
<b>North Central District</b>										
Alton	85	42	63	-3	2.52	+1.61	10.26	+0.29	424	-40
Belleville	81	45	63	-4	3.22	+2.17	11.58	+0.81	462	-39
Beloit	83	45	65	-3	4.54	+3.56	12.57	+2.66	525	-31
Clay Center	83	46	64	-6	1.47	+0.35	8.25	-3.08	487	-167
Concordia	82	46	64	-3	1.41	+0.40	11.40	+1.29	557	+41
Phillipsburg	82	42	63	-4	2.85	+1.90	10.37	+1.34	390	-79
<b>Central District</b>										
Ellsworth	86	45	65	-3	1.91	+0.74	7.44	-3.89	504	+8
Great Bend	86	45	67	-3	1.77	+0.80	4.61	-5.03	627	-14
Hays	91	45	66	-1	1.69	+0.99	5.11	-3.19	540	+27
Herington	83	46	64	-4	2.03	+0.84	9.24	-3.91	519	-8
McPherson	91	46	67	-1	0.64	-0.55	5.28	-6.56	548	+7
Salina	86	45	67	-2	1.69	+0.50	6.45	-5.88	643	+37
<b>South Central District</b>										
Anthony	91	49	70	+1	0.16	-0.89	4.47	-7.76	736	+72
Hutchinson	88	47	69	+2	0.78	-0.27	4.46	-6.93	742	+190
Medicine Lodge	95	48	72	+3	0.15	-0.83	4.08	-6.46	830	+200
Newton	84	48	66	-3	0.73	-0.39	5.67	-5.87	668	+65
Pratt	88	46	68	-1	0.73	-0.18	5.43	-4.84	595	-49
Wichita	89	50	70	+2	0.80	-0.24	6.19	-4.81	814	+192
Wilmore	91	46	70	+2	0.65	-0.23	3.63	-5.31	641	+28
<b>Northeast District</b>										
Holton	83	47	62	-6	3.15	+2.02	11.64	-0.77	458	-62
Horton	83	49	64	-4	2.27	+1.11	8.70	-4.19	510	-81
Leavenworth	85	52	64	-5	3.25	+1.99	15.21	+1.34	518	-64
Manhattan	83	49	64	-5	2.64	+1.38	10.58	-1.66	547	-67
Valley Falls	83	50	63	-5	3.47	+2.20	12.55	-0.39	541	-42
<b>East Central District</b>										
Emporia	84	51	65	-3	1.13	-0.10	10.29	-2.03	648	+91
Eskridge	83	47	61	-5	1.84	+0.58	11.69	-1.27	458	-46
Garnett	85	51	65	-5	1.94	+0.75	17.23	+3.40	577	-91
Lawrence	86	51	66	-5	1.86	+0.55	13.96	+0.32	590	-91
Ottawa	83	51	64	-6	2.33	+1.00	15.44	+1.33	517	-178
Tallgrass Prairie	85	48	65	-3	1.65	+0.46	9.23	-3.19	575	+19
Topeka	86	51	66	-2	2.78	+1.52	13.87	+1.25	680	+119
<b>Southeast District</b>										
Columbus	84	52	66	-3	4.41	+3.08	21.88	+5.42	644	+23
Howard	89	53	67	-2	0.83	-0.36	9.93	-3.41	632	+5
Iola	86	52	66	-4	1.33	+0.07	14.45	-0.22	629	-11
Parsons	84	53	66	-3	3.50	+2.24	16.78	+1.41	592	-36
Pittsburg	84	52	66	-4	1.63	+0.28	21.69	+5.16	667	-6
Winfield-Arkansas City	90	50	71	+3	0.58	-0.73	5.99	-8.22	867	+239

Source: Agricultural Weather Information Service, Inc. © 2011 based on NWS data. DFN = Departure From Normal (1970-2000).

\* Corn growing degree days: (High Temp. - Low Temp.) / 2 - 50

<sup>1/</sup> 7:00 a.m. Sunday to 7:00 a.m. Sunday.



An audio summary of this report will be available at:  
[http://www.nass.usda.gov/Statistics\\_by\\_State/Kansas/Publications/Crop\\_Progress\\_and\\_Condition/index.asp](http://www.nass.usda.gov/Statistics_by_State/Kansas/Publications/Crop_Progress_and_Condition/index.asp)

**This is a cooperative effort with Kansas State Research & Extension Service, USDA-Farm Service Agency, and Kansas Agriculture Statistics**