



NATIONAL
AGRICULTURAL
STATISTICS
SERVICE

KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

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AGRICULTURAL NEWS: Mid-week showers slowed fieldwork over Central and Western Kentucky, hampering fieldwork and making hay harvest difficult. Days suitable for fieldwork averaged 4.1 out of a possible 7. Precipitation for the week totaled 0.89 inches statewide, which was 0.07 inches below normal. Average temperature across Kentucky was 73 degrees, 3 degrees above normal. **Topsoil moisture** as of Friday, June 2 was rated 2 percent very short, 9 percent short, 70 percent adequate and 19 percent surplus. **Subsoil moisture** was rated 2 percent very short, 14 percent short, 72 percent adequate, and 12 percent surplus. Small grain fields continue to have problems with lodging. Major field activities included planting soybeans, setting tobacco and cutting hay. Small grain harvest was getting underway.

TOBACCO: Setting progressed rapidly when field conditions permitted with 68 percent of the burley tobacco set as of Sunday June 4. This is slightly behind last year's 72 percent but ahead of the five year average of 63. Dark tobacco setting reached 53 percent complete, well behind the 74 percent recorded a year ago and the five year average of 65 percent. As of Sunday, June 4, 97 percent of transplants were under 12 inches in height, with just 3 percent 12-24 inches high. Set tobacco was rated 2 percent poor, 21 percent fair, 65 percent good, and 12 percent excellent. Blue mold has been detected in a few Central and Eastern Kentucky greenhouses, with some concern that set plants in limited areas may also have the disease.

CORN: Corn planting is virtually complete. Producers may reseed a few flooded fields and there may be a few more fields to plant in northern

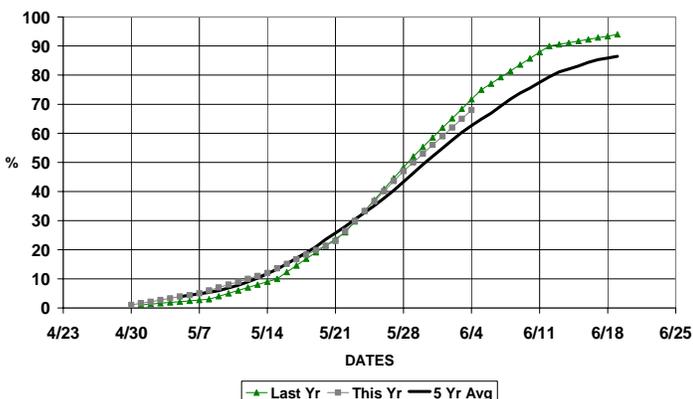
Kentucky. About 94 percent of the corn had emerged, slightly behind last year's 97 percent but above the five year average of 89 percent. The average emerged corn height was 19 inches, with the most advanced fields at 32 inches in height. Corn condition was rated 1 percent very poor, 4 percent poor, 14 percent fair, 55 percent good, and 26 percent excellent. No major pest problems were reported.

SOYBEANS: Soybeans were 68 percent planted as of Sunday June 4, trailing last year's 80 percent but above the five year average of 55 percent. About 46 percent of the planted acres had emerged, behind the 72 percent reported a year ago but close to the average of 45. Soybean condition was rated 6 percent poor, 19 percent fair, 53 percent good, and 22 percent excellent.

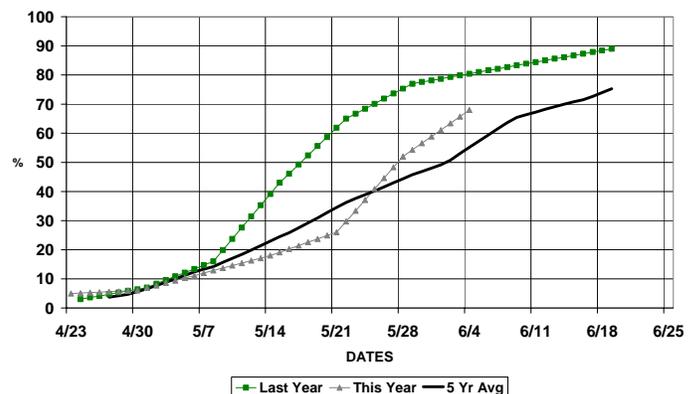
SMALL GRAINS: As of Friday, June 2, winter wheat condition was rated 2 percent poor, 23 percent fair, 51 percent good, and 24 percent excellent. Continued wet weather caused some concern with grain quality. Lodging is becoming more of a concern with continued showers. **Wheat** harvest was getting underway and **barley** harvest was 20 percent complete, compared with 11 percent last year, but behind the five year average of 27.

OTHER CROPS & PASTURE: Pastures were rated 3 percent poor, 27 percent fair, 52 percent good, and 18 percent excellent. Quality of the hay harvested has been reduced due to poor curing conditions. As of Sunday, June 4, 57 percent of the **grain sorghum** acreage had been planted which was well behind the 81 percent reported a year ago and trailed the average of 61.

BURLEY TOBACCO SET PROGRESS



SOYBEAN PLANTED PROGRESS



KENTUCKY CROP PROGRESS

WEEK ENDING JUNE 4, 2006
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Corn					
Planted	99	99	94	97	97
Emerged	94	97	89	92	85
Soybeans					
Planted	68	80	55	52	79
Emerged	46	72	45	25	42
Sorghum Planted	57	81	61	45	54
Barley Harvested	20	11	27	1	NA
Wheat Harvested	6	2	2	NA	NA
Burley Tobacco Set	68	72	63	47	NA
Dark Tobacco Set	53	74	65	30	NA

(NA)Data Not Available.

SOIL MOISTURE

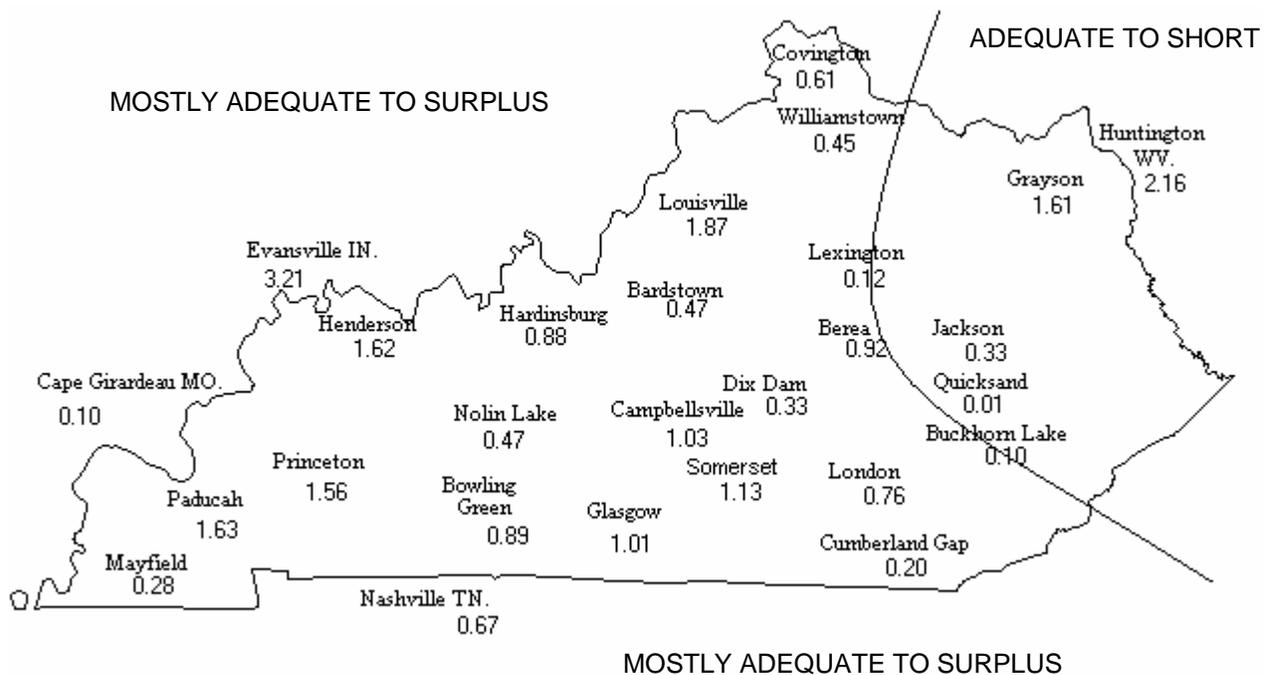
WEEK ENDING JUNE 2, 2006
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	2	1
Short	9	6
Adequate	70	69
Surplus	19	24
SUBSOIL		
Very Short	2	1
Short	14	12
Adequate	72	69
Surplus	12	18

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING JUNE 2, 2006					WEEK ENDING MAY 26, 2006				
	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL-LENT
Corn	1	4	14	55	26	0	4	20	43	33
Soybeans	0	6	19	53	22	0	6	27	48	19
Wheat	0	2	23	51	24	0	2	19	58	21
Pasture	0	3	27	52	18	0	3	23	55	19
Tobacco Set	0	2	21	65	12	0	1	20	70	9

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, JUNE 4, 7:00 P.M. TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, JUNE 2, 2006



KENTUCKY WEATHER SUMMARY, MAY 29 – JUNE 4, 2006:

Above Normal Temperatures and Slightly Below Normal Rainfall:

Very mild, dry conditions started out the work week thru mid-week. A cold front approached the Commonwealth later on Wednesday and by Thursday the weather pattern changed to wet and cool which lasted into the start of the weekend. Drier conditions returned with near normal temperatures on Saturday and Sunday. Scattered showers occurred in the west and south on Sunday.

Temperatures for the period averaged 73 degrees across the State which was 3 degrees above normal. High temperatures averaged from 85 in the West to 84 in the East. Departure from normal high temperatures ranged from near normal in the West to 4 degrees above normal in the East. Low temperatures averaged from 64 degrees in the West to 62 degrees in the East. Departure from normal low temperature ranged from 4 degrees above normal in the West to 2 degrees above normal in the East.

Precipitation (liq. equ.) for the period totaled 0.89 inches statewide which was 0.07 inches below normal. Precipitation totals by climate division, West 1.40 inches, Central 0.93 inches, Bluegrass 0.46 inches and East 0.79 inches, which was +0.44, -0.07, -0.48 and -0.17 inches respectively from normal. By station, precipitation totals ranged from a low of 0.01 inches at Quicksand to a high of 3.21 inches at Evansville.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JUNE 4, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)			(Degrees Fahrenheit)								
Bardstown	0.47	6.77	2.09	-2.07	-1.86	90	53	72.0	+1	148	850	-3
Berea	0.92	8.94	3.78	-0.66	-0.47	90	54	72.6	+3	151	910	+26
Bowling Green	0.89	8.75	3.22	-1.07	-1.16	91	56	74.4	+4	162	976	+88
Bristol	1.18	9.32	2.74	+1.65	-0.75	91	51	71.7	+2	143	824	+36
Buckhorn Lake	0.10	7.87	3.26	-0.54	-0.48	90	55	73.2	+4	156	887	+107
Cape Girardeau	0.10	9.99	4.80	-0.09	+0.32	90	58	75.5	+3	173	1012	+89
Campbellsville	1.03	7.90	3.30	-2.58	-1.27	90	52	73.1	+2	154	909	+29
Covington	0.61	9.42	3.38	+0.88	-0.45	90	53	71.9	+2	147	768	+14
Cumberland Gap	0.20	11.33	3.37	+1.87	-0.92	90	55	73.2	+4	156	853	+69
Dix Dam	0.33	8.79	2.73	-0.66	-1.43	90	54	72.4	+3	151	848	-5
Evansville	3.21	11.46	6.65	+2.22	+2.51	90	58	73.8	+1	163	929	+71
Glasgow	1.01	10.19	4.71	-0.03	+0.18	92	52	74.5	+4	160	999	+175
Grayson	1.61	9.00	4.47	+0.60	+0.66	91	54	73.0	+3	152	863	+144
Hardinsburg	0.88	9.65	6.42	-0.04	+2.14	91	58	73.1	+2	153	883	-5
Henderson	1.62	10.25	5.04	+0.93	+1.01	90	57	74.3	+2	163	911	+23
Huntington	2.16	8.00	3.85	-0.35	+0.06	92	54	73.4	+4	153	887	+103
Jackson	0.33	8.51	3.59	-0.58	-0.39	91	54	73.0	+3	154	913	+133
Lexington	0.12	8.33	3.29	-0.51	-0.66	90	53	72.1	+2	149	807	+49
London	0.76	9.87	3.68	+1.21	-0.10	91	53	71.9	+2	146	857	+73
Louisville	1.87	11.28	4.95	+1.97	+0.91	91	55	72.6	+2	150	835	-23
Mayfield	0.28	8.30	2.40	-2.21	-1.93	90	55	73.2	+1	156	853	-96
Nashville	0.67	9.75	4.46	+0.02	+0.21	91	59	75.9	+5	171	1079	+126
Nolin Lake	0.47	10.42	5.02	-0.11	+0.25	91	56	74.0	+3	161	913	+68
Paducah	1.63	10.53	4.68	+0.04	+0.32	90	58	75.4	+3	172	1054	+131
Princeton	1.56	8.60	3.58	-1.67	-0.77	91	57	74.6	+2	163	1011	+93
Quicksand	0.01	6.40	3.11	-2.69	-0.87	90	55	73.2	+4	156	849	+69
Somerset	1.13	9.84	4.59	-0.15	+0.10	89	52	72.2	+3	149	843	-6
Spindletop	0.31	6.74	2.97	-2.10	-0.98	91	52	71.6	+2	144	784	+26
Williamstown	0.45	9.20	3.42	+0.14	-0.50	90	53	72.0	+2	147	781	+23

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.agwx.ca.uky.edu/>

Crop Progress and Condition Week Ending May 28, 2006

Corn Percent Emerged

State	May 28 2006	Prev Week	Prev Year	5-Yr Avg
CO	70	41	57	65
IL	92	84	97	85
IN	71	56	89	73
IA	92	71	91	84
KS	86	76	91	88
KY	92	81	93	84
MI	66	52	61	53
MN	81	53	66	71
MO	98	93	95	86
NE	92	69	88	82
NC	100	97	97	96
ND	71	33	63	62
OH	88	73	81	72
PA	69	54	56	58
SD	69	32	62	58
TN	96	92	97	96
TX	93	88	89	93
WI	64	35	54	47
ALL	85	66	83	77
These 18 States planted 93% of last year's corn acreage.				

Soybeans Percent Planted

State	May 28 2006	Prev Week	Prev Year	5-Yr Avg.
AR	77	61	83	62
IL	78	46	96	71
IN	58	37	88	68
IA	94	74	85	80
KS	64	37	66	62
KY	52	26	75	44
LA	87	81	71	72
MI	69	56	87	60
MN	87	53	56	73
MS	98	96	97	92
MO	74	53	80	56
NE	93	72	87	76
NC	40	32	45	44
ND	81	53	64	67
OH	84	71	90	65
SD	77	41	59	63
TN	65	36	79	48
WI	72	46	71	57
ALL	79	55	79	68
These 18 States planted 95% of last year's soybean acreage.				

Winter Wheat Percent Headed

State	May 28 2006	Prev Week	Prev Year	5-Yr Avg.
AR	100	100	100	100
CA	100	99	100	100
CO	80	52	70	69
ID	11	8	7	5
IL	95	92	95	94
IN	95	67	84	90
KS	98	96	98	98
MI	36	1	12	23
MO	99	98	96	96
MT	0	0	0	2
NE	65	35	58	57
NC	100	100	98	98
OH	87	42	57	75
OK	100	100	100	100
OR	43	10	71	49
SD	18	2	17	14
TX	98	95	98	98
WA	38	23	56	39
ALL	79	71	78	77
These 18 States planted 92% of last year's winter wheat acreage.				

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