



# KENTUCKY WEEKLY CROP & WEATHER REPORT



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Prepared in Cooperation with:  
Univ. of Ky - Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
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Cooperative Extension Service

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**AGRICULTURAL NEWS:** Warm and dry weather prevailed for most of the week, but wet fields from last week's storms delayed soybean planting and tobacco setting. Days suitable for fieldwork were limited, averaging 4.3 out of a possible six. Lodging is a concern in small grains, and wet conditions limited the effectiveness of herbicides for weed control. A few fields in storm damaged areas will need to be replanted. Major farm activities included making hay, planting soybeans and setting tobacco. **Topsoil moisture** as of Friday, June 2 was rated 2 percent very short, 12 percent short, 73 percent adequate and 13 percent surplus. **Subsoil moisture** was rated 3 percent very short, 19 percent short, 69 percent adequate and 9 percent surplus.

**CORN:** Only a few fields remain to be planted along with a small acreage to be replanted after last week's storms. About 97 percent of the planted acreage had emerged, compared with 93 percent a year ago, and the average of 85 percent. Emerged corn was in mostly good condition, with 3 percent poor, 14 percent fair, 60 percent good and 23 percent excellent. Height of the most advanced fields averaged 31 inches Statewide, while average height of emerged corn was 18 inches.

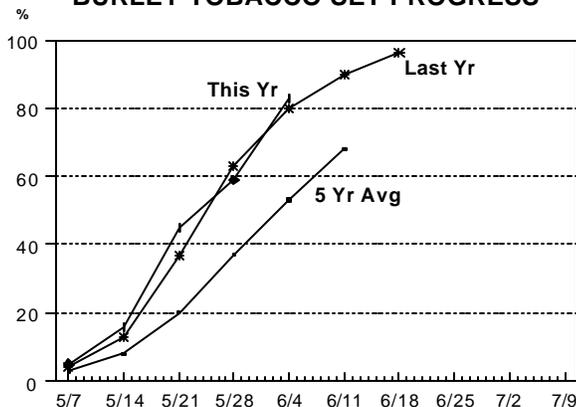
**SOYBEANS:** Soybean planting was slow because of wet soils and was 63 percent complete as of Sunday, June 4, compared with 70 percent seeded last year, but well ahead of the 5-year average of 39 percent. About 53 percent of planted acreage had emerged compared with 58 percent a year ago and the average of 16 percent. Condition of emerged soybeans was rated 3 percent poor, 16 percent fair, 69 percent good, and 12 percent excellent.

**TOBACCO:** As of Sunday, June 4, 83 percent of the intended **burley** acreage had been set compared with 80 percent a year ago and the average of 53 percent. **Dark tobacco** acreage reached 75 percent complete, compared with 79 percent last year and the average of 64 percent. About 90 percent of set tobacco was under 12 inches high, with 10 percent over 12 inches in height. Disease and pest problems seem to be minor except in a few areas. Condition of set tobacco was reported as 2 percent poor, 21 percent fair, 59 percent good, and 18 percent excellent.

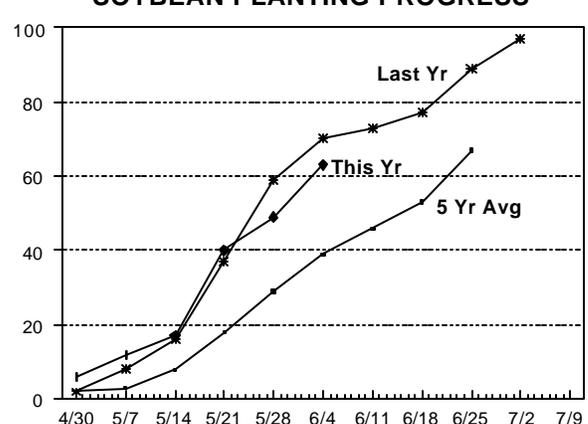
**SMALL GRAINS:** **Barley** harvest was 23 percent complete by Sunday, June 4, compared with 38 percent last year and the average of 16 percent. **Wheat** harvest is just beginning in southern Kentucky. Lodging is the major concern and producers may have difficulty harvesting heavily lodged fields in a few areas. A few acres have been cut for hay. As of Friday, June 2 wheat condition was reported as 2 percent very poor, 7 percent poor, 25 percent fair, 55 percent good and 11 percent excellent.

**OTHER CROPS:** Drier weather this week allowed **hay** harvest to make good progress. Most producers report a good crop, with some fields a little too mature for optimum quality. **Pastures** were in good to excellent condition and were rated 3 percent poor, 22 percent fair, 59 percent good and 16 percent excellent. **Grain sorghum** planting is progressing well with 59 percent of intended acres seeded as of Sunday, June 4.

**BURLEY TOBACCO SET PROGRESS**



**SOYBEAN PLANTING PROGRESS**



**KENTUCKY CROP PROGRESS**  
WEEK ENDING JUNE 4, 2000  
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Corn Emerged	97	93	85	95	93
Soybeans Planted	63	70	39	49	85
Soybeans Emerged	53	58	16	40	67
Burley Tobacco Set	83	80	53	59	NA
Dark Tobacco Set	75	79	64	58	NA

(NA) Data Not Available.

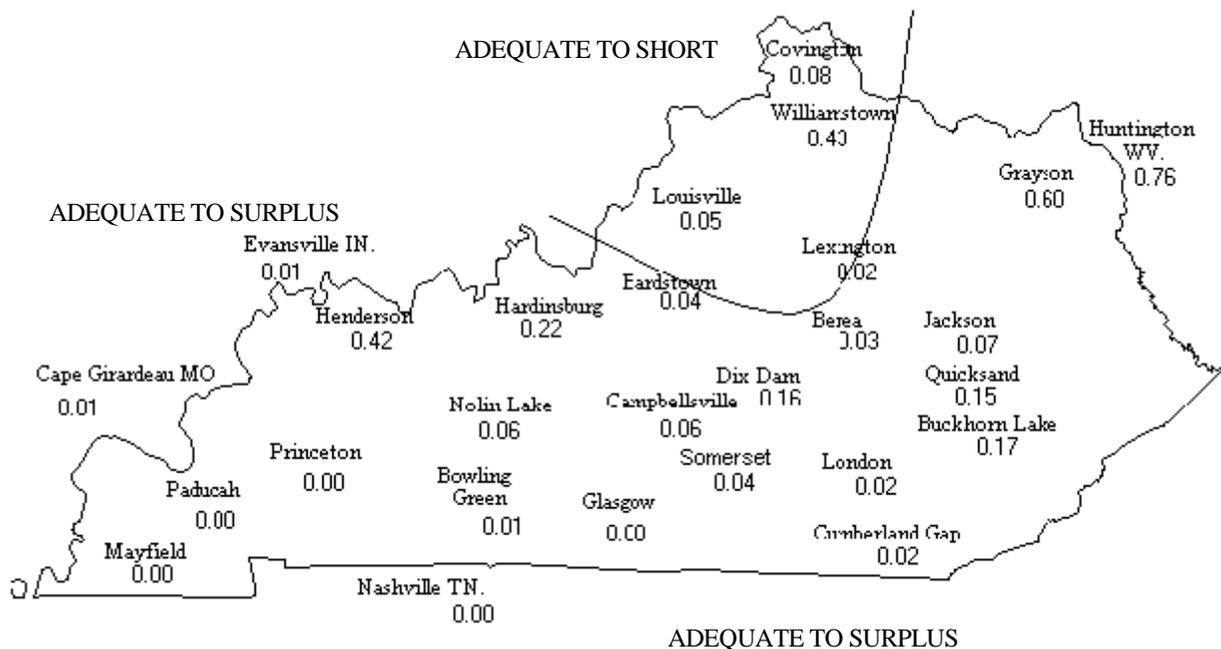
**SOIL MOISTURE**  
WEEK ENDING JUNE 2, 2000  
WITH COMPARISONS

	This Week	Previous Week
<b>TOPSOIL</b>		
Very Short	2	4
Short	12	18
Adequate	73	54
Surplus	13	24
<b>SUBSOIL</b>		
Very Short	3	7
Short	19	27
Adequate	69	52
Surplus	9	14

**KENTUCKY CROP CONDITIONS (Percent)**

CROP	WEEK ENDING JUNE 2, 2000					WEEK ENDING MAY 26, 2000				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	0	3	14	60	23	0	2	17	55	26
Soybeans	0	3	16	69	12	0	2	17	67	14
Wheat	2	7	25	55	11	1	3	26	55	15
Pasture	0	3	22	59	16	2	6	27	52	13
Tobacco Set	0	2	21	59	18	1	3	23	60	13

**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, JUNE 4, 7:00 P.M.**  
**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, JUNE 2, 2000**



# KENTUCKY WEATHER SUMMARY, MAY 29 - JUNE 4, 2000:

## NEAR NORMAL TEMPERATURES AND BELOW NORMAL RAINFALL:

Warm temperatures and dry conditions occurred during much of the work week with the highs getting up into the 80s creating summer-like conditions across the State. The dry conditions did help to dry out wet fields that were created by the previous week's above normal rainfall across Kentucky.

Temperatures for the period averaged 71 degrees across the State which was NEAR NORMAL. High temperatures averaged from 85 in the West to 82 in the East. Departure from normal high temperatures ranged from NEAR NORMAL in the West to 1 degree ABOVE NORMAL in the East. Low temperatures averaged from 62 degrees in the West to 59 degrees in the East. Departure from normal low temperature ranged from 1 degree ABOVE NORMAL in the West to 1 degree BELOW NORMAL in the East. As of May 27th, the Palmer Drought Index had the Bluegrass Region in a MODERATE drought with the rest of the State at NEAR NORMAL conditions hydrologically and the Crop Moisture Index showed all of the State except the Bluegrass Region with ABNORMALLY Moist conditions agriculturally. Rainfall for the period totaled 0.06 inches Statewide which was 0.75 inches BELOW NORMAL. Precipitation totals by climate division, West 0.07 inches, Central 0.03 inches, Bluegrass 0.08 inches and East 0.08 inches, which was 0.73, 0.81, 0.72 and 0.74 inches respectively BELOW NORMAL. By station, precipitation totals ranged from a low of 0.00 inches at Mayfield to a high of 0.60 inches at Grayson.

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	0.04	7.18	2.18	-1.66	-1.77	88	51	69.9	-1	136	921	+68
Berea	0.03	9.98	4.97	+0.38	+0.72	88	44	69.7	-0	137	922	+38
Bowling Green	0.01	10.62	5.20	+0.80	+0.82	89	51	70.4	-1	138	914	+26
Bristol	0.30	6.93	3.39	-0.74	-0.10	86	53	68.6	-1	128	827	+39
Buckhorn Lake	0.17	9.44	3.13	+1.03	-0.61	87	55	69.1	-1	131	908	+128
Cape Girardeau	0.01	4.81	2.42	-5.27	-2.06	90	52	72.9	+0	154	947	+24
Campbellsville	0.06	9.78	4.58	-0.70	+0.01	89	49	70.3	-1	137	967	+87
Covington	0.08	9.11	3.79	+0.57	-0.04	88	50	67.6	-2	121	782	+28
Cumberland Gap	0.02	8.88	3.38	-0.58	-0.91	89	53	70.0	+0	135	962	+178
Dix Dam	0.16	8.48	3.46	-0.97	-0.70	89	50	69.6	-0	133	894	+41
Evansville	0.01	5.13	2.25	-4.11	-1.89	90	54	71.0	-2	142	860	+2
Glasgow	0.00	12.25	6.77	+2.03	+2.24	92	52	71.4	+0	142	1030	+206
Grayson	0.60	8.39	3.75	-0.01	-0.06	87	51	68.4	-1	128	859	+140
Hardinsburg	0.22	7.21	3.20	-2.48	-1.08	89	53	71.1	+0	144	958	+70
Henderson	0.42	7.21	4.10	-2.11	+0.07	88	50	71.2	-2	146	966	+78
Huntington	0.76	7.94	3.60	-0.41	-0.19	87	50	68.1	-2	124	854	+70
Jackson	0.07	10.18	2.89	+1.09	-1.09	86	55	68.5	-1	128	860	+80
Lexington	0.02	8.07	2.44	-0.77	-1.51	88	51	69.0	-1	130	835	+77
London	0.02	8.11	2.56	-0.55	-1.22	87	50	68.8	-1	129	848	+64
Louisville	0.05	6.39	2.31	-2.92	-1.73	90	54	71.4	+1	145	905	+47
Mayfield	0.00	8.01	3.39	-2.50	-0.94	88	54	70.8	-2	142	938	-11
Nashville	0.00	14.37	7.69	+4.64	+3.44	88	54	72.5	+2	154	981	+28
Nolin Lake	0.06	9.93	4.94	-0.60	+0.17	89	52	70.6	-0	140	948	+103
Paducah	0.00	9.31	4.38	-1.18	+0.02	92	54	73.4	+1	156	960	+37
Princeton	0.00	10.80	4.46	+0.53	+0.11	90	54	72.6	-0	152	1059	+141
Quicksand	0.15	9.78	3.22	+0.69	-0.76	88	55	69.5	-0	134	924	+144
Somerset	0.04	9.94	4.33	-0.05	-0.16	86	50	69.4	-0	134	936	+87
Spindletop	0.01	7.06	2.66	-1.78	-1.29	87	49	68.1	-2	125	810	+52
Williamstown	0.43	9.21	3.30	+0.15	-0.62	88	52	68.9	-1	129	900	+142

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (606)257-3000 ext 245. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

# Crop Progress and Condition

Week Ending May 28, 2000

## Corn Percent Emerged

Stat	May 2000	Prev Week	Prev Year	5-Yr Avg
CO	75	51	53	65
IL	97	93	75	NA
IN	92	78	87	NA
IA	99	96	76	72
KS	94	86	68	NA
<b>KY</b>	<b>95</b>	<b>84</b>	<b>91</b>	<b>78</b>
MI	72	56	68	45
MN	97	94	80	67
MO	100	95	59	NA
NE	96	85	70	67
NC	97	90	92	NA
ND	90	69	26	34
OH	90	72	92	55
PA	72	50	70	NA
SD	81	66	36	NA
TN	94	86	97	NA
TX	96	93	91	NA
WI	84	69	65	NA
ALL	93	84	73	NA
These 18 States planted 92% of last year's corn acreage.				

## Soybeans Percent Planted

Stat	May 2000	Prev Wee	Prev Year	5-Yr Avg.
AR	48	35	46	45
IL	97	84	69	51
IN	87	76	87	56
IA	98	96	62	68
KS	82	68	30	45
<b>KY</b>	<b>49</b>	<b>40</b>	<b>59</b>	<b>29</b>
LA	88	69	77	73
MI	42	32	76	54
MN	95	88	67	71
MS	85	77	83	79
MO	80	72	38	36
NE	95	82	61	58
NC	38	27	34	36
ND	95	70	35	44
OH	82	79	96	59
SD	86	63	43	44
TN	31	20	41	30
WI	85	65	65	63
ALL	85	74	62	55
These 18 States planted 95% of last year's soybean acreage.				

## Winter Wheat Percent Headed

Stat	May 28 2000	Prev Week	Prev Year	5-Yr Avg
AR	100	100	100	100
CA	100	99	99	99
CO	88	62	64	57
ID	15	5	2	6
IL	99	96	95	85
IN	99	88	92	73
KS	100	98	97	94
MI	50	20	35	21
MO	99	94	90	86
MT	0	0	0	3
NE	83	68	43	33
NC	100	100	100	99
OH	99	78	91	49
OK	100	100	100	100
OR	40	13	18	34
SD	37	5	5	5
TX	99	95	97	95
WA	45	20	13	33
ALL	87	79	78	76
These 18 States planted 90% of last year's winter wheat acreage.				

This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, send an E-Mail message to [nass-state-releases@news.usda.gov](mailto:nass-state-releases@news.usda.gov) with the following command in the body of the message: **subscribe ky-crop-weather <e-mail address>**. The E-Mail address is optional; leave the address blank unless subscribing for someone else. The default address is where you sent the message from. You would unsubscribe in a similar way but use the word unsubscribe.

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