



# KENTUCKY WEEKLY CROP & WEATHER REPORT



Kentucky Agricultural Statistics Service  
P.O. Box 1120  
Louisville, Kentucky 40201-1120  
(502) 582-5293 or 1-800-928-5277

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

LELAND E. BROWN, State Statistician

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**AGRICULTURAL NEWS:** Below normal temperatures prevailed throughout the State late in the week with many areas receiving the first frost of the season. Rainfall was scattered, preceding the cold front, but was below normal for the week. Temperatures averaged 62 degrees for the week which is near normal. Precipitation averaged 0.47 inches for the week which was 0.20 inches below normal. **Topsoil moisture** as of Friday, October 6 was rated 4 percent very short, 20 percent short, 71 percent adequate, and 5 percent surplus. **Subsoil moisture** was rated 9 percent very short, 24 percent short, 63 percent adequate, and 4 percent surplus. **Days suitable for fieldwork** averaged 5.2 out of a possible 6 days. Primary farming activities included harvesting corn and soybeans, sowing winter wheat, and baling hay.

**TOBACCO:** As of Sunday, October 8, **burley tobacco** was 7 percent stripped. This compares with 4 percent in 1999. The housed tobacco continues to cure well for most producers with many reporting excellent color. However, a few producers reported houseburn in early stripped tobacco. Condition of the housed tobacco was reported as 1 percent very poor, 4 percent poor, 22 percent fair, 57 percent good, and 16 percent in excellent condition.

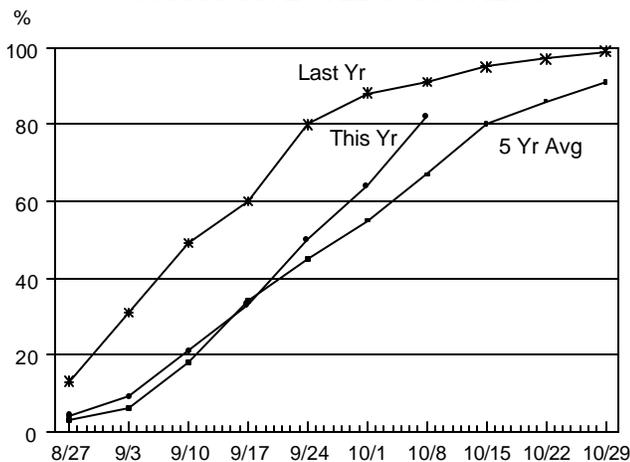
**CORN:** Eighty-two percent of the corn crop was harvested as of Sunday, October 8. This compares to 91 percent the

previous year, and 67 percent for the five-year average. Many producers throughout the State report excellent yields.

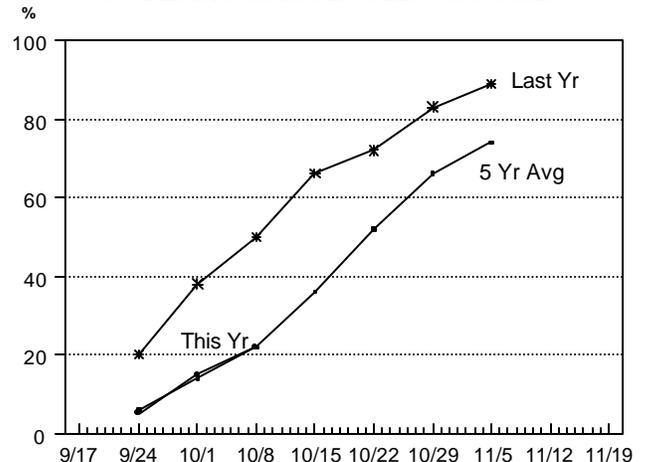
**SOYBEANS:** Harvest of the soybean crop is underway with mostly positive reports; however, a few producers reported abandoning or cutting their soybeans for hay due to expected low yields. The condition of the crop last week was rated 1 percent very poor, 2 percent poor, 23 percent fair, 44 percent good, and 30 percent excellent. Eighty-one percent of the soybean crop was shedding leaves compared to 87 percent last year, and 74 percent on average. Twenty-two percent of the State's soybeans are harvested. This compares to 50 percent last season, and equals the 5 year average.

**OTHER CROPS:** **Winterwheat** seeding was 20 percent complete. This compares to 16 percent last year and the five year average of 20 percent. Many producers report the total planted wheat acreage will be down for 2000 due to less cover crop wheat because of the decreased tobacco acreage. **Pasture** condition was rated as 2 percent very poor, 7 percent poor, 27 percent fair, 52 percent good, and 12 percent excellent. Kentucky farmers report excellent conditions for the State's livestock with plentiful supplies of water and good late pasture conditions in most areas.

**CORN HARVESTED PROGRESS**



**SOYBEANS HARVESTED PROGRESS**



**KENTUCKY CROP PROGRESS**  
WEEK ENDING OCTOBER 8, 2000  
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Shedding Leaves	81	87	74	68	90
Harvested	22	50	22	15	37
Corn					
Harvested	82	91	67	64	37
Burley Tobacco					
Stripped	7	NA	NA	4	NA
Wheat Seeded	20	16	20	10	34

(NA) Data Not Available.

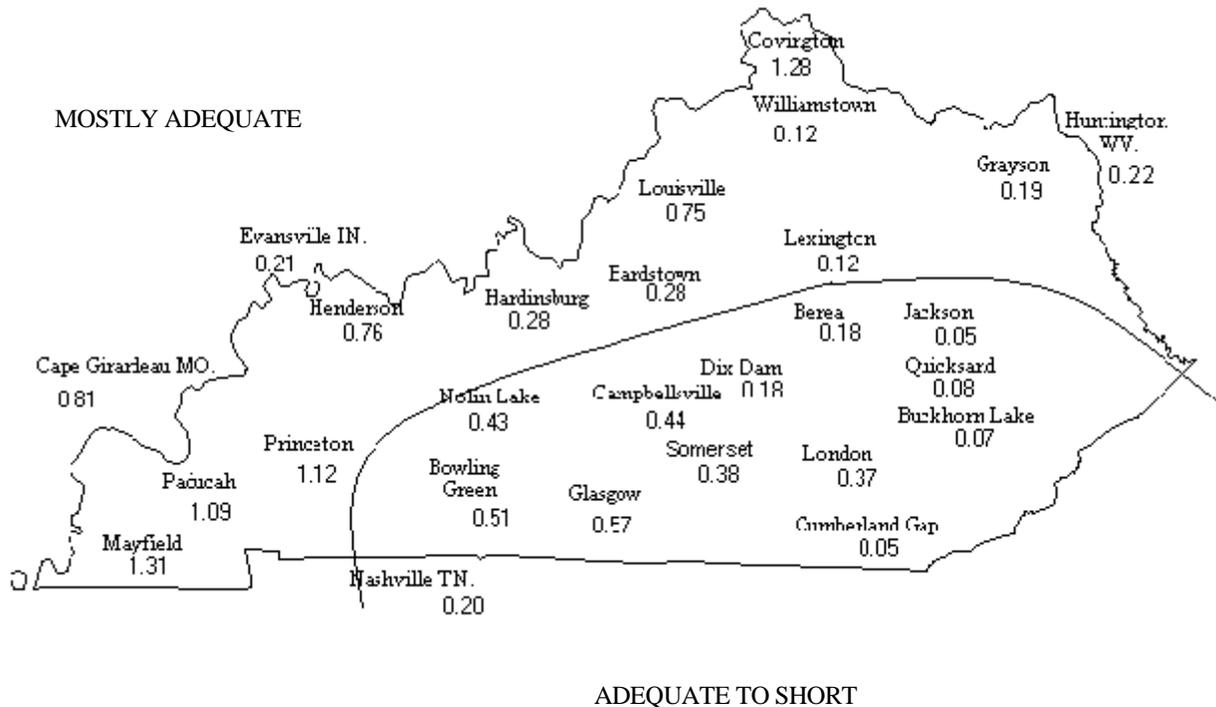
**SOIL MOISTURE**  
WEEK ENDING OCTOBER 6, 2000  
WITH COMPARISONS

	This Week	Previous Week
<b>TOPSOIL</b>		
Very Short	4	2
Short	20	14
Adequate	71	71
Surplus	5	13
<b>SUBSOIL</b>		
Very Short	9	10
Short	24	19
Adequate	63	63
Surplus	4	8

**KENTUCKY CROP CONDITIONS (Percent)**

CROP	WEEK ENDING OCTOBER 6, 2000					WEEK ENDING SEPTEMBER 29, 2000				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Soybeans	1	2	23	44	30	0	2	23	50	25
Pasture	2	7	27	52	12	1	6	23	58	12
Housed Tobacco	1	4	22	57	16	2	4	22	53	19

**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, OCTOBER 8, 7:00 P.M.**  
**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, OCTOBER 6, 2000**



**KENTUCKY WEATHER SUMMARY, OCTOBER 2 - 8, 2000:**

**NEAR NORMAL TEMPERATURES AND BELOW NORMAL RAINFALL:**

Record low temperatures were the story last week. The workweek started with warm, comfortable conditions across the State, but with the passage of a cold front at mid-week conditions began to deteriorate to freezing conditions with highs in the 40s and lows in the upper 20s to low 30s across the State.

Temperatures for the period averaged 62 degrees across the State which was NEAR NORMAL. High temperatures averaged from 74 in the West to 72 in the East. Departure from normal high temperatures ranged from 1 degree BELOW NORMAL in the West to NEAR NORMAL in the East. Low temperatures averaged from 52 degrees in the West to 50 degrees in the East. Departure from normal low temperature ranged from NEAR NORMAL in the West to 1 degree ABOVE NORMAL in the East. As of Sept 30th, Palmer Drought Index indicated that the West improved to INCIPIENT hydrological drought with Central improving to MILD drought. Bluegrass and East were under MOIST SPELL conditions. The Crop Moisture Index for the same period continued to show adequate short-term moisture for agricultural purposes.

Rainfall for the period totaled 0.47 inches statewide which was 0.20 inches BELOW NORMAL. Precipitation totals by climate division, West 0.88 inches, Central 0.47 inches, Bluegrass 0.34 inches and East 0.18 inches, which was +0.19, -0.19, -0.29 and -0.50 inches respectively from normal. By station, precipitation totals in Kentucky ranged from a low of 0.05 inches at Jackson to a high of 1.31 inches at Mayfield.

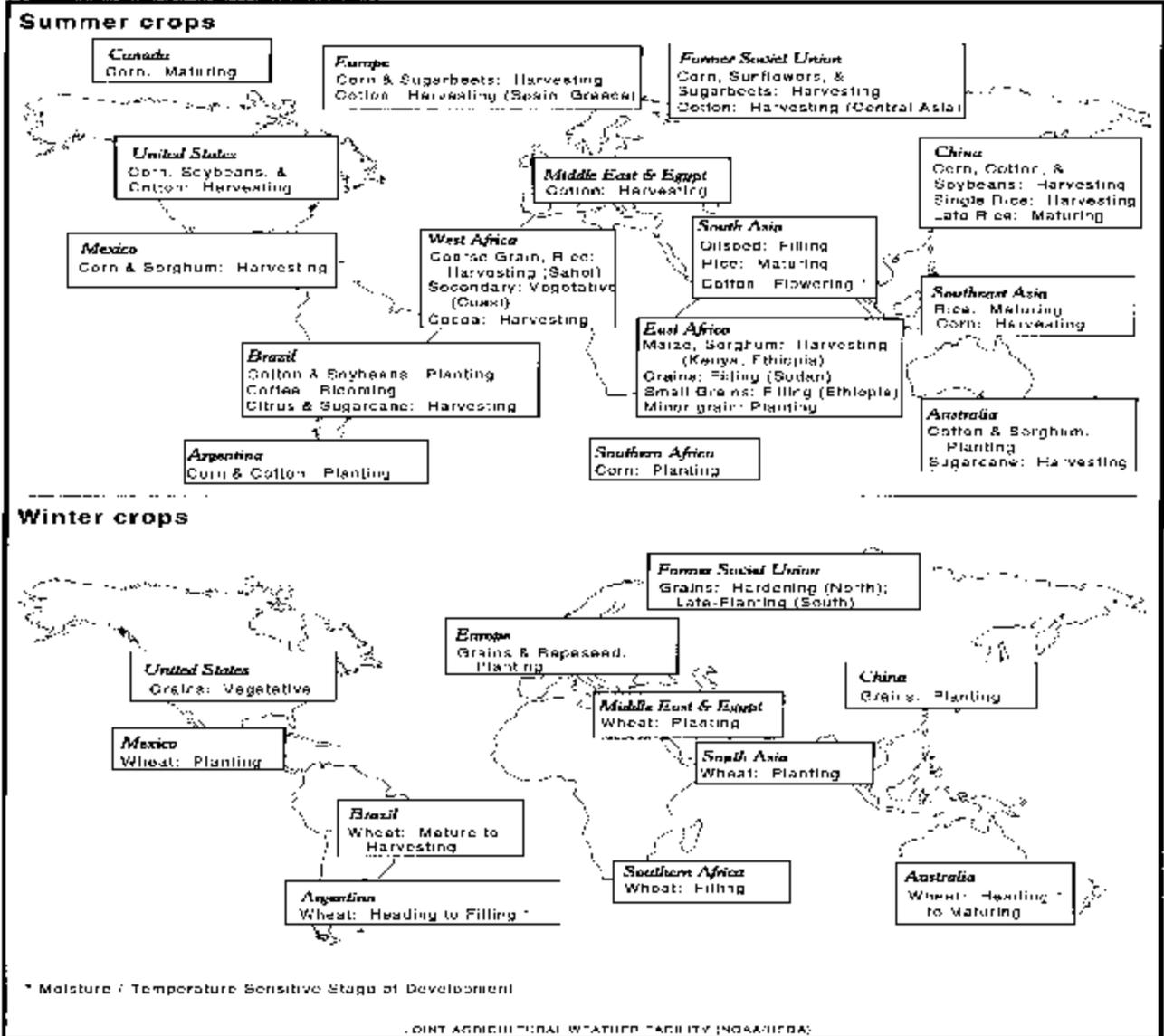
Tom Priddy

**KENTUCKY TEMPERATURES AND RAINFALL  
FOR WEEK ENDING SUNDAY, OCTOBER 8, 7:00 P.M.**

Weather Station	Rainfall			Deviation From		Air Temperature				Relative Humidity			
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly Avg.	Dev. From Norm	Average			
	(Inches)			(Degrees Fahrenheit)								High	Low
Bardstown	0.28	20.96	3.31	-3.84	+0.51	84	27	61.2	-0	95	50		
Berea	0.18	26.63	1.73	+0.48	-1.66	83	27	62.2	+2	90	45		
Bowling Green	0.51	21.45	3.87	-4.73	+0.61	87	33	61.7	+0	--	--		
Bristol	0.00	21.12	1.48	-1.04	-1.36	81	27	58.9	-1	--	--		
Buckhorn Lake	0.07	30.46	2.25	+5.57	-0.92	84	29	61.1	+1	--	--		
Cape Girardeau	0.81	18.69	4.96	-5.77	+1.81	89	29	61.6	-2	--	--		
Campbellsville	0.44	27.61	2.60	-1.87	-1.31	86	28	62.6	+1	94	47		
Covington	1.28	26.18	5.88	+3.10	+3.22	81	29	59.6	-1	--	--		
Cumberland Gap	0.05	21.75	1.46	-4.93	-1.44	86	27	62.9	+3	95	44		
Dix Dam	0.18	23.30	3.08	-2.34	+0.07	83	28	61.6	+1	--	--		
Evansville	0.21	26.02	4.59	+2.90	+1.87	85	32	61.5	-2	--	--		
Glasgow	0.57	24.93	2.93	-3.29	-0.44	88	28	63.6	+2	95	47		
Grayson	0.19	26.11	3.42	+2.25	+0.82	83	29	61.0	+1	95	49		
Hardinsburg	0.28	23.82	4.46	-2.14	+1.24	87	31	62.1	+1	96	55		
Henderson	0.76	24.31	4.36	+0.27	+1.34	86	30	62.4	-1	96	50		
Huntington	0.22	25.05	2.48	+1.06	-0.15	83	29	61.1	+1	--	--		
Jackson	0.05	32.01	3.00	+6.08	-0.10	82	30	60.4	+0	--	--		
Lexington	0.12	24.01	3.78	-0.79	+0.98	83	29	60.4	+0	--	--		
London	0.37	22.02	2.21	-2.04	-0.82	84	31	59.2	-1	--	--		
Louisville	0.75	25.86	5.90	+1.64	+3.09	85	31	62.1	+1	--	--		
Mayfield	1.31	17.16	3.63	-9.49	+0.05	87	30	63.2	-0	96	50		
Nashville	0.20	21.65	1.42	-2.69	-1.53	87	35	62.9	+1	--	--		
Nolin Lake	0.43	22.99	3.99	-4.78	+0.36	87	32	61.9	+1	--	--		
Paducah	1.09	23.82	4.16	-2.17	+0.93	88	33	63.4	-0	92	48		
Princeton	1.12	25.57	4.53	-0.46	+1.52	88	31	65.4	+2	98	57		
Quicksand	0.08	35.52	2.61	+9.59	-0.49	84	30	60.9	+1	98	48		
Somerset	0.38	30.40	2.14	+3.09	-1.37	86	28	61.6	+1	93	47		
Spindletop	0.13	22.57	4.06	-2.23	+1.26	82	30	60.4	+0	90	52		
Williamstown	0.12	25.12	3.26	+0.57	+0.36	83	29	63.4	+3	94	52		

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: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

# October normal crop calendar



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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