



# 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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JCV 25-00

**AGRICULTURAL NEWS:** Scattered showers were received throughout the State this past week with the heaviest rainfall in western Kentucky and the Bluegrass area. Days suitable for fieldwork averaged 5.3 out of a possible 6. Cutting and housing tobacco, baling hay, clipping pastures, preparing soil for wheat seeding, and harvesting corn were the major farm activities reported this week. **Topsoil moisture** as of Friday, September 8 was rated 6 percent very short, 27 percent short, 63 percent adequate, and 4 percent surplus. **Subsoil moisture** was rated 10 percent very short, 23 percent short, 62 percent adequate, and 5 percent surplus.

**TOBACCO:** As of Sunday, September 10, **burley tobacco** was 78 percent cut, compared to 80 percent last year, and 64 percent on average. **Dark tobacco** was 74 percent cut, compared to 78 percent the previous year and 70 percent for the average. Curing of tobacco in barns continues to progress nicely.

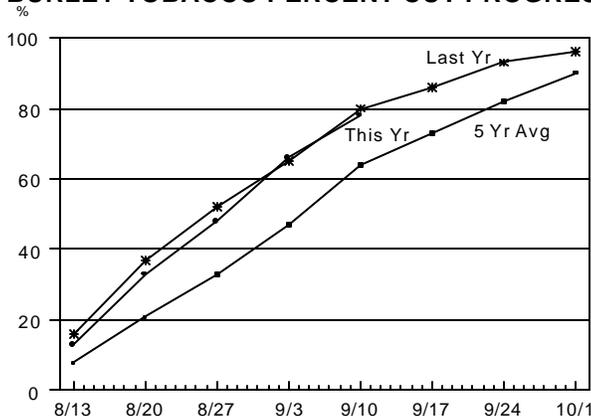
**CORN:** As of September 10, 75 percent of the corn was mature. This compares to 82 percent last year and the five-year average of 55 percent. Condition of the corn crop was rated 5 percent poor, 21 percent fair, 43 percent good, and 31 percent excellent. Twenty-one percent of the corn was harvested as of Sunday,

September 10. This compares to 49 percent last year and the five-year average of 18 percent. Good to excellent yields are being reported.

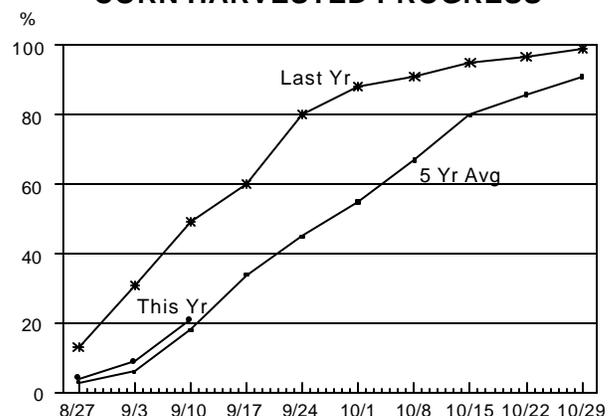
**SOYBEANS:** The condition of the soybean crop as of September 8 was reported as 1 percent very poor, 5 percent poor, 26 percent fair, 45 percent good, and 23 percent excellent. Forty-five percent of the crop has turned yellow compared to 63 percent last year and the five year average of 31 percent. Soybeans shedding leaves were reported at 17 percent compared to 36 percent last year and 15 percent on average. No reports of soybeans being harvested were received. Expected soybean yields range from good to excellent although some reports of double crop beans needing rain were received.

**OTHER CROPS:** **Pasture** condition as of Friday, September 8 was reported as 3 percent very poor, 8 percent poor, 26 percent fair, 51 percent good, and 12 percent excellent. Some reports of weeds in pasture were received. Baling of final hay cutting was in full swing although rainfall received during the week limited this activity. **Hay** crops were reported as 1 percent very poor, 7 percent poor, 25 percent fair, 50 percent good, and 17 percent excellent. Abundant hay supplies were reported.

**BURLEY TOBACCO PERCENT CUT PROGRESS**



**CORN HARVESTED PROGRESS**



**KENTUCKY CROP PROGRESS**  
WEEK ENDING SEPTEMBER 10, 2000  
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Turning Yellow	45	63	31	19	NA
Shedding Leaves	17	36	15	8	18
Corn					
Dent Stage	98	100	92	97	76
Mature	75	82	55	65	27
Harvested	21	49	18	9	4
Burley Tobacco Cut	78	80	64	66	NA
Dark Tobacco Cut	74	78	70	56	NA

(NA) Data Not Available.

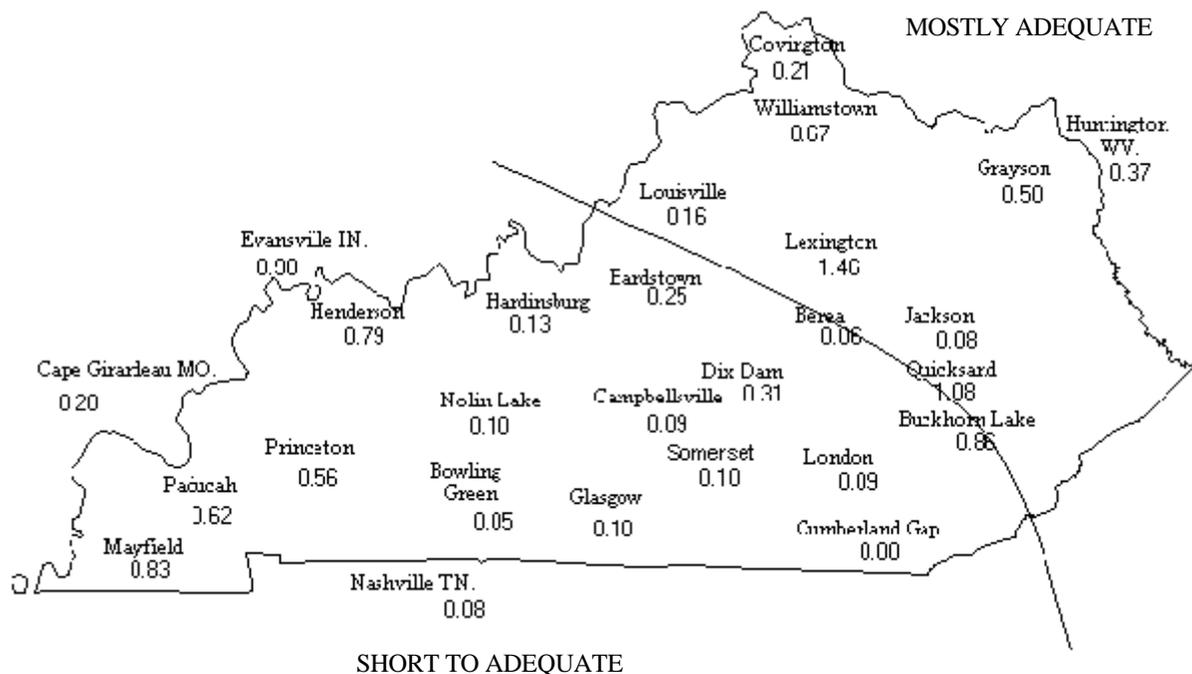
**SOIL MOISTURE**  
WEEK ENDING SEPTEMBER 8, 2000  
WITH COMPARISONS

	This Week	Previous Week
<b>TOPSOIL</b>		
Very Short	6	4
Short	27	22
Adequate	63	70
Surplus	4	4
<b>SUBSOIL</b>		
Very Short	10	9
Short	23	21
Adequate	62	66
Surplus	5	4

**KENTUCKY CROP CONDITIONS (Percent)**

CROP	WEEK ENDING SEPTEMBER 8, 2000					WEEK ENDING SEPTEMBER 1, 2000				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	0	5	21	43	31	0	5	17	42	36
Soybeans	1	5	26	45	23	1	2	20	47	30
Pasture	3	8	26	51	12	2	7	24	52	15
Hay Crops	1	7	25	50	17	2	5	21	53	19
Tobacco in Field	2	4	21	50	23	2	5	18	52	23

**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, SEPTEMBER 10, 7:00 P.M.**  
**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, SEPTEMBER 8, 2000**



**KENTUCKY WEATHER SUMMARY, SEPTEMBER 4 - 10, 2000:****NEAR NORMAL TEMPERATURES AND BELOW NORMAL RAINFALL:**

Scattered showers and seasonal temperatures occurred throughout the State last week. Rainfall totals were greatest in West and Bluegrass areas with South-central and Southeast areas receiving the least rainfall. The Sept 2nd Palmer Drought Index indicated Central and Western KY slipped further into MILD Drought; Bluegrass KY dropped to MILD Drought; and East KY Continued in Moist Spell.

Temperatures for the period averaged 72 degrees across the State which was NEAR NORMAL. High temperatures averaged from 82 in the West to 79 in the East. Departure from normal high temperatures ranged from 1 degree BELOW NORMAL in the West to 1 degree BELOW NORMAL in the East. Low temperatures averaged from 66 degrees in the West to 63 degrees in the East. Departure from normal low temperature ranged from 6 degrees ABOVE NORMAL in the West to 5 degrees ABOVE NORMAL in the East. Rainfall for the past week totaled 0.44 inches statewide which was 0.36 inches BELOW NORMAL. Rainfall totals by climate division, West 0.66 inches, Central 0.13 inches, Bluegrass 0.60 inches and East 0.38 inches, which was 0.15, 0.72, 0.17 and 0.40 inches respectively BELOW NORMAL. By station, rainfall totals ranged from a low of 0.00 inches at Cumberland Gap to a high of 1.46 inches at Lexington.

Tom Priddy

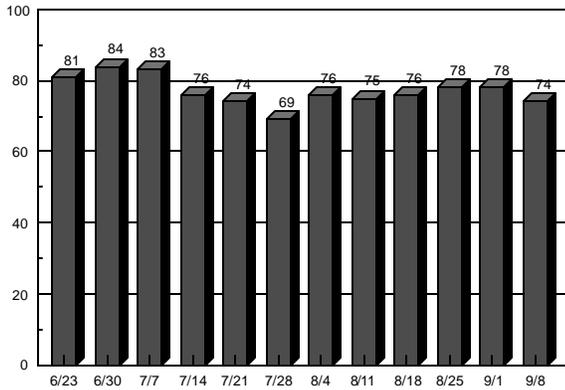
**KENTUCKY TEMPERATURES AND RAINFALL  
FOR WEEK ENDING SUNDAY, SEPTEMBER 10, 7:00 P.M.**

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	Dev. Last Since Week Apr. 1	Since Apr. 1	
	(Inches)					(Degrees Fahrenheit)						
Bardstown	0.25	17.65	1.64	-4.36	-1.71	84	59	72.6	+3	155	3232	+170
Berea	0.06	24.90	2.30	+2.14	-1.35	86	58	71.6	+3	149	3143	-22
Bowling Green	0.05	17.58	1.76	-5.34	-1.52	89	62	74.9	+5	170	3382	+187
Bristol	0.17	19.64	2.51	+0.32	-0.42	87	54	72.2	+3	154	3013	+73
Buckhorn Lake	0.86	28.21	2.44	+6.49	-0.90	86	55	72.4	+4	156	3149	+372
Cape Girardeau	0.20	13.62	2.07	-7.69	-1.15	89	59	74.0	+2	165	3355	+6
Campbellsville	0.09	25.01	1.24	-0.57	-2.96	87	59	72.9	+3	158	3322	+187
Covington	0.21	20.30	1.81	-0.12	-1.10	84	56	70.6	+2	143	2956	+55
Cumberland Gap	0.00	20.29	2.91	-3.49	-0.63	88	60	73.7	+5	163	3270	+360
Dix Dam	0.31	20.22	1.81	-2.41	-1.59	84	58	71.9	+3	152	3159	+56
Evansville	0.98	21.43	5.19	+1.03	+2.39	82	56	72.6	+1	157	3254	+58
Glasgow	0.10	22.00	1.05	-2.85	-2.59	88	59	73.9	+4	163	3457	+352
Grayson	0.50	22.69	2.81	+1.43	-0.28	82	54	69.9	+1	137	3053	+306
Hardinsburg	0.13	19.36	3.11	-3.38	-0.30	84	58	73.5	+4	163	3384	+179
Henderson	0.79	19.95	2.87	-1.06	-0.12	85	58	73.4	+2	162	3408	+182
Huntington	0.37	22.57	3.36	+1.21	+0.14	82	52	69.5	+1	135	3032	+101
Jackson	0.08	29.01	2.78	+6.18	-0.72	83	57	69.9	+1	136	3062	+285
Lexington	1.46	20.23	2.80	-1.78	-0.55	86	57	72.1	+3	154	3113	+172
London	0.09	19.81	2.01	-1.22	-1.07	84	58	71.3	+3	148	3106	+206
Louisville	0.16	19.96	2.15	-1.45	-0.96	83	58	72.4	+3	154	3278	+51
Mayfield	0.83	13.43	1.32	-9.64	-2.23	86	59	73.5	+2	164	3322	+56
Nashville	0.08	20.13	1.26	-1.26	-1.89	90	64	75.8	+6	177	3604	+174
Nolin Lake	0.10	19.00	2.33	-5.14	-1.25	87	60	74.1	+4	167	3386	+415
Paducah	0.62	19.66	2.04	-3.10	-1.13	91	60	75.4	+4	174	3459	+141
Princeton	0.56	21.16	2.24	-1.86	-1.20	94	62	76.3	+5	178	3601	+304
Quicksand	1.08	33.01	2.29	+10.18	-1.21	87	54	72.0	+3	151	3151	+374
Somerset	0.10	28.25	1.20	+4.45	-2.41	85	58	72.4	+4	155	3246	+245
Spindletop	0.89	18.70	2.69	-3.31	-0.66	84	56	70.6	+2	143	3054	+113
Williamstown	0.67	21.86	1.98	+0.21	-1.25	83	55	71.1	+2	146	3149	+208

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/>

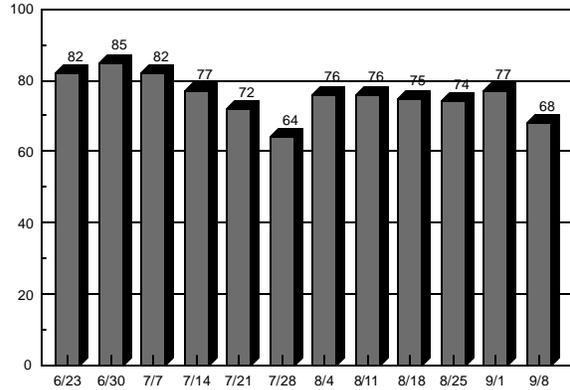
### CORN CONDITION

% Good to Excellent

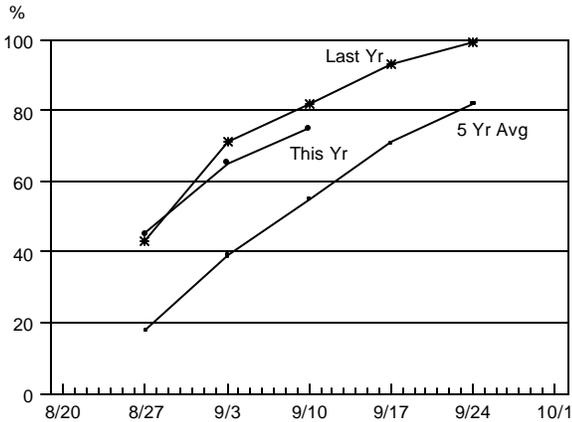


### SOYBEAN CONDITION

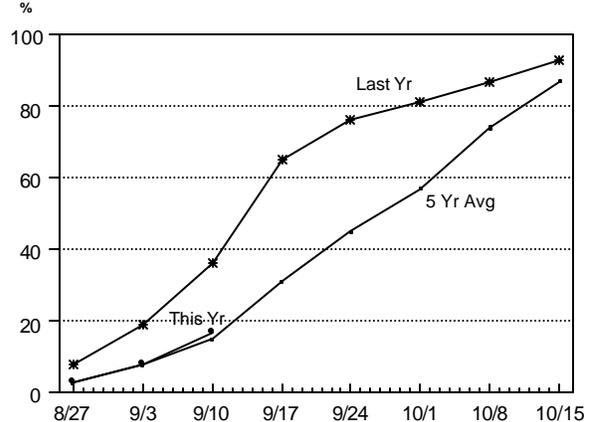
% Good to Excellent



### CORN MATURE OR BEYOND PROGRESS



### SOYBEANS SHEDDING LEAVES OR BEYOND



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