

**AGRICULTURAL NEWS:** The drought continued throughout the State with only slight traces of rainfall reported. Days suitable for fieldwork averaged 5.9 out of a possible six days. Harvesting corn and tending to livestock were among the main farm activities reported. **Topsoil moisture** as of Friday, September 17 was rated 85 percent very short, 13 percent short, and 2 percent adequate. **Subsoil moisture** was rated 84 percent very short, 14 percent short, and 2 percent adequate.

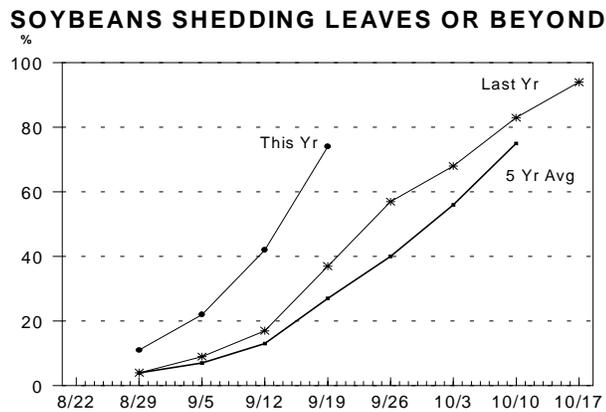
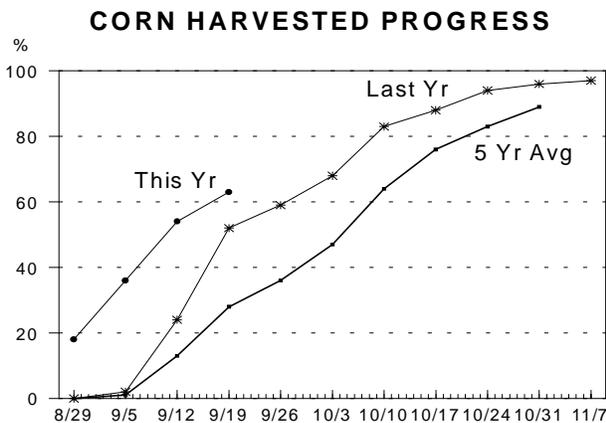
**TOBACCO:** As of Sunday, September 19, **burley tobacco** was 87 percent cut, compared to 84 percent last year, and 75 percent on average. **Dark tobacco** was 86 percent cut as of Sunday, September 19, the same as the previous year and ahead of the 82 percent for the average. Farmers continue to be concerned about tobacco curing too fast. Tobacco showing houseburn was reported as 83 percent with none, 11 percent light, 5 percent moderate, and only 1 percent with heavy houseburn.

**CORN:** As of September 19, 97 percent of the corn crop was mature. This compares with 80 percent last year and the five-year average of 70 percent. Condition of the corn crop was rated 10 percent very poor, 15 percent poor, 29 percent fair, 38 percent good, and 8 percent excellent. Sixty-three percent of the corn crop

was harvested as of Sunday September 19. This compares to 52 percent the previous year, and 28 percent for the five-year average. Some producers reported low test weights on harvested corn. Average moisture levels of harvested corn was reported at 13.5 percent.

**SOYBEANS:** The soybean crop continues to suffer due to dry conditions statewide. The condition of the crop last week was rated 27 percent very poor, 31 percent poor, 24 percent fair, 15 percent good, and 3 percent excellent. Seventy-four percent of the soybean crop was shedding leaves compared to 37 percent last year, and 27 percent on average. Reports of soybeans not being harvested and cut for hay became more widespread. Late planted soybeans are expected to produce minimal yields.

**OTHER CROPS:** **Pasture** conditions continued to suffer due to the lack of significant rainfall. Pastures as of September 17 were rated 57 percent very poor, 28 percent poor, 12 percent fair, and 3 percent good. Hay continues to be fed to livestock due to poor pasture conditions. The **hay** crop was rated 55 percent very poor, 25 percent poor, 15 percent fair, and 5 percent good. Livestock producers continue to sell off cattle due to the drought conditions. Securing water for livestock was becoming a major problem in some areas.



**KENTUCKY CROP PROGRESS**  
WEEK ENDING SEPTEMBER 19, 1999  
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans Shedding Leaves	74	37	27	42	29
Corn Dent Stage	100	98	97	100	92
Mature	97	80	70	83	43
Harvested	63	52	28	54	7
Burley Tobacco Cut	87	84	75	84	NA
Dark Tobacco Cut	86	86	82	79	NA

(NA) Data Not Available

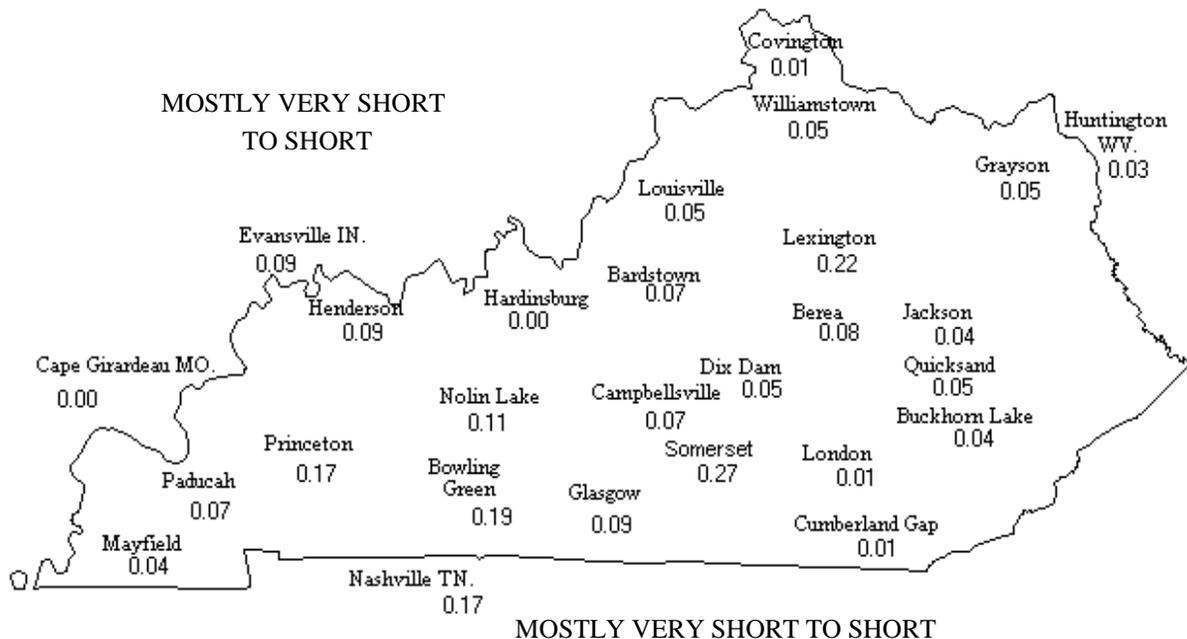
**SOIL MOISTURE**  
WEEK ENDING SEPTEMBER 17, 1999  
WITH COMPARISONS

	This Week	Previous Week
<b>TOPSOIL</b>		
Very Short	85	84
Short	13	14
Adequate	2	2
Surplus	0	0
<b>SUBSOIL</b>		
Very Short	84	85
Short	14	14
Adequate	2	1
Surplus	0	0

**KENTUCKY CROP CONDITIONS (Percent)**

CROP	WEEK ENDING SEPTEMBER 17, 1999					WEEK ENDING SEPTEMBER 10, 1999				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	10	15	29	38	8	8	15	36	35	6
Soybeans	27	31	24	15	3	29	33	29	8	1
Pasture	57	28	12	3	0	57	31	9	3	0
Hay Crops	55	25	15	5	0	53	29	14	4	0
Tobacco in Field	26	39	27	7	1	28	29	32	10	1

**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, SEPTEMBER 19, 7:00 P.M.**  
**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, SEPTEMBER 17, 1999**



**KENTUCKY WEATHER SUMMARY, SEPTEMBER 13 - 19, 1999:**

Cooler temperatures and Dry conditions continued last week with the Palmer Drought Index adding Central KY to the Bluegrass area in Extreme Drought...West and East KY climate zones in Severe Drought. One light rainfall event provided rainfall amounts of one-tenth of an inch or less across the State with a few localized amounts of two-tenths of an inch. To put the current drought in perspective...since July 1st, at least three locations in the State are the driest this century (source: NWS).

**TOTAL PRECIPITATION JULY 1, 1999 THRU SEPTEMBER 19, 1999**

RANK	LOUISVILLE		LEXINGTON		BOWLING GREEN	
	TOTAL	YEAR	TOTAL	YEAR	TOTAL	YEAR
DRIEST	1.53	1999	3.48	1999	2.42	1999
SECOND	3.80	1930	4.92	1903	3.94	1998
THIRD	3.92	1940	4.94	1930	4.58	1997
FOURTH	4.51	1983	5.00	1983	5.33	1897
FIFTH	4.77	1943	5.15	1988	5.77	1969

Statewide temperatures for the past week averaged 66 degrees across the State which was 2 degrees BELOW NORMAL and 7 degrees cooler than the previous week. High temperatures averaged from 82 in the West to 79 in the East. Departure from normal high temperatures ranged from 1 degree ABOVE NORMAL in the West to 1 degree ABOVE NORMAL in the East. Low temperatures averaged from 48 degrees in the West to 51 degrees in the East. Departure from normal low temperature ranged from 9 degrees BELOW NORMAL normal in the West to 4 degrees BELOW NORMAL in the East. Rainfall for the week totaled 0.08 inches statewide which was 0.73 inches BELOW NORMAL. Rainfall totals by climate division, West 0.08 inches, Central 0.09 inches, Bluegrass 0.09 inches and East 0.06 inches, which was 0.74, 0.76, 0.68 and 0.72 inches respectively BELOW NORMAL. By station, precipitation totals ranged from a low of 0.00 inches at Hardinsburg to a high of 0.27 inches at Somerset.

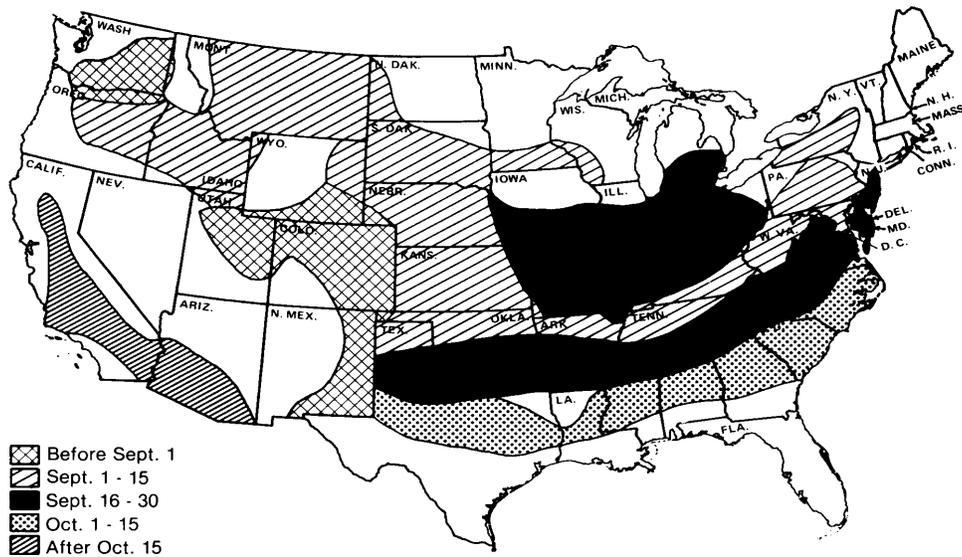
Tom Priddy

**KENTUCKY TEMPERATURES AND RAINFALL  
FOR WEEK ENDING SUNDAY, SEPTEMBER 19, 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	0.07	13.48	0.10	-9.49	-3.07	87	43	65.1	-2	112	3444	+220
Berea	0.08	14.81	0.90	-9.15	-2.79	89	44	66.4	-0	119	3418	+82
Bowling Green	0.19	11.47	0.19	-12.57	-3.19	89	45	66.6	-1	120	3708	+342
Bristol	0.00	16.93	0.85	-3.36	-2.13	86	42	66.1	-0	118	3278	+176
Buckhorn Lake	0.04	14.21	1.29	-8.61	-2.09	83	41	63.4	-3	105	3358	+428
Cape Girardeau	0.00	13.28	0.01	-9.10	-3.26	88	41	62.8	-7	108	3504	-16
Campbellsville	0.07	14.60	0.24	-12.37	-4.03	87	43	65.7	-2	118	3539	+233
Covington	0.01	13.30	0.82	-7.98	-1.98	85	43	63.4	-3	102	3227	+173
Cumberland Gap	0.01	15.26	1.62	-9.44	-1.59	88	42	66.6	-0	123	3413	+341
Dix Dam	0.05	13.44	0.46	-10.09	-2.83	85	45	65.1	-1	111	3375	+123
Evansville	0.09	17.18	0.09	-4.11	-2.69	87	43	63.2	-6	103	3421	+54
Glasgow	0.09	12.36	0.11	-13.65	-3.52	90	44	67.9	+0	127	3721	+445
Grayson	0.05	17.36	3.65	-4.72	+0.82	86	43	65.2	-1	112	3404	+504
Hardinsburg	0.00	16.36	0.01	-7.47	-3.40	89	46	66.7	-1	122	3486	+101
Henderson	0.09	17.26	0.09	-4.79	-3.02	89	44	65.6	-4	117	3555	+158
Huntington	0.03	13.36	3.88	-8.84	+0.96	87	44	65.4	-1	113	3371	+287
Jackson	0.04	17.87	4.17	-6.02	+0.78	82	50	66.1	-0	112	3397	+467
Lexington	0.22	12.29	0.91	-10.68	-2.26	84	46	65.1	-2	108	3408	+305
London	0.01	14.81	0.48	-7.26	-2.68	81	42	65.4	-1	114	3377	+324
Louisville	0.05	17.55	0.05	-4.81	-2.98	88	47	66.2	-1	114	3539	+141
Mayfield	0.04	17.28	0.04	-6.98	-3.59	86	43	66.3	-3	119	3603	+157
Nashville	0.17	17.12	1.24	-5.29	-1.92	88	47	68.9	+1	131	3884	+265
Nolin Lake	0.11	15.32	0.38	-10.08	-3.38	89	45	66.7	-1	120	3611	+478
Paducah	0.07	19.74	0.07	-4.13	-3.24	90	44	66.0	-4	119	3638	+149
Princeton	0.17	19.49	0.17	-4.53	-3.10	93	46	68.4	-1	128	3762	+285
Quicksand	0.05	18.89	4.13	-5.00	+0.74	90	41	63.8	-3	108	3295	+365
Somerset	0.27	20.90	0.71	-4.10	-2.96	85	41	66.0	-1	118	3388	+225
Spindletop	0.12	9.54	0.67	-13.43	-2.50	84	48	64.7	-2	102	3361	+258
Williamstown	0.05	10.73	0.81	-11.88	-2.29	90	46	66.8	+0	118	3458	+355

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/>

# WINTER WHEAT - Usual Start of Planting, Principal Areas in the United States



## CORN PERCENT MATURE

State	Curr	Last Wk	1998	Avg
CO	6	5	26	13
GA	100	100	100	99
IL	57	29	41	26
IN	52	27	43	25
IA	46	27	60	34
KS	56	40	79	52
KY	83	79	66	56
MI	41	11	43	15
MN	22	7	37	15
MO	81	62	72	57
NE	21	9	42	21
NC	87	78	83	90
OH	38	18	17	10
PA	25	15	15	16
SD	14	11	33	21
TX	83	76	91	80
WI	33	13	32	19
17 States	43	25	47	29

These 17 States planted 90% of last year's corn acreage.

## SOYBEANS PERCENT DROPPING LEAVES

State	Curr	Last Wk	1998	Avg
AL	28	15	21	15
AR	15	8	15	11
GA	20	16	28	19
IL	32	6	20	16
IN	57	28	59	29
IA	12	3	30	19
KS	28	18	55	31
KY	42	22	17	13
LA	47	38	61	37
MI	39	11	41	22
MN	19	6	47	24
MS	67	55	52	41
MO	19	8	24	13
NE	9	4	22	19
NC	10	8	14	10
OH	65	36	45	27
SC	8	5	7	4
SD	32	18	57	44
TN	30	17	22	14
19 States	29	13	35	22

These 19 States planted 93% of last year's soybean acreage.