



# 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  
Kentucky Department of Agriculture  
Cooperative Extension Service

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**AGRICULTURAL NEWS:** Above average temperatures and rainfall prevailed throughout most of the State. Precipitation for the week totaled 1.74 inches which was 0.93 inches above normal. The rain will help double crop soybeans fill their pods and stimulate fall pasture growth. **Days suitable for fieldwork** averaged 4.9 out of seven. Cutting and housing tobacco, harvesting corn and clipping pastures were the major farm activities reported. Rain or the threat of rain slowed corn harvest progress in some areas. **Topsoil moisture** as of Friday, September 20 was rated 28 percent very short, 39 percent short, 31 percent adequate and 2 percent surplus. **Subsoil moisture** was rated 44 percent very short, 39 percent short, 16 percent adequate, and 1 percent surplus.

**TOBACCO:** As of Sunday, September 22, **burley tobacco** harvest advanced to 88 percent complete compared to 94 percent last year and the average of 83 percent. **Dark tobacco** harvest reached 90 percent complete compared with 91 percent a year ago and the average of 86 percent. Farmers are concerned that some tobacco cured too quickly in addition to some tobacco showing houseburn. Condition of housed tobacco on Friday, September 20 was reported as 6 percent very poor, 15 percent poor, 32 percent fair, 34 percent good,

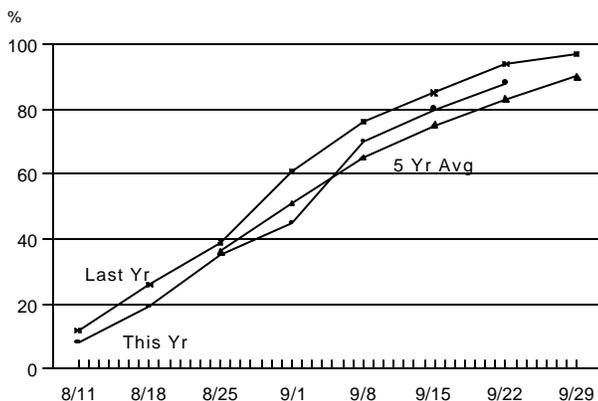
and 13 percent excellent. Condition of tobacco still in the field was starting to deteriorate.

**SOYBEANS:** Harvest was just underway with 5 percent completed, compared with 7 percent last year and the average of 6 percent. As of Sunday, September 22, 56 percent were shedding leaves ahead of 53 percent a year ago and the average of 51 percent. On Friday, September 20, soybean condition was rated 13 percent very poor, 24 percent poor, 32 percent fair, 27 percent good and 4 percent excellent.

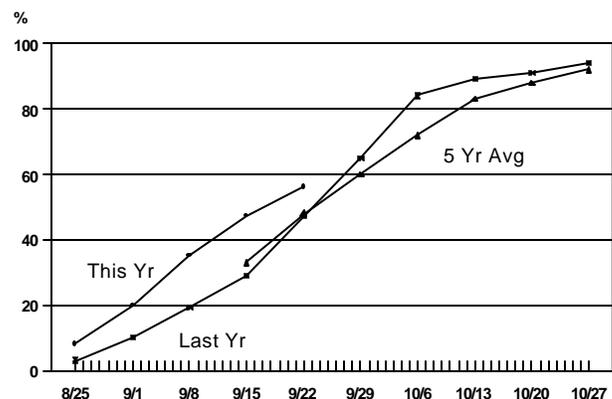
**CORN:** As of September 22, 94 percent of the corn had reached maturity, compared with 95 last year and the average of 86 percent. Harvest reached 56 percent complete as of Sunday, September 22 compared with 47 percent last year and the average of 48 percent. Early planted corn is mostly fair to good with corn planted later showing large variations in yields.

**OTHER CROPS:** Fall **hay** harvest has been poor this year. Hay continued to be fed to livestock due to poor pasture conditions. Some farmers are concerned about hay supplies lasting until spring. Rain during the week helped pasture growth. **Pastures** were rated 26 percent very poor, 31 percent poor, 29 percent fair, 12 percent good, and 2 percent excellent. Farmers have started seeding of fall grains.

BURLEY TOBACCO PERCENT CUT PROGRESS



CORN HARVESTED PROGRESS



**KENTUCKY CROP PROGRESS**  
WEEK ENDING SEPTEMBER 22, 2002  
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Shedding Leaves	56	53	51	37	42
Harvested	5	7	6	NA	NA
Corn					
Mature	94	95	86	90	45
Harvested	56	47	48	47	9
Burley Tobacco Cut	88	94	83	80	NA
Dark Tobacco Cut	90	91	86	82	NA

(NA) Data Not Available.

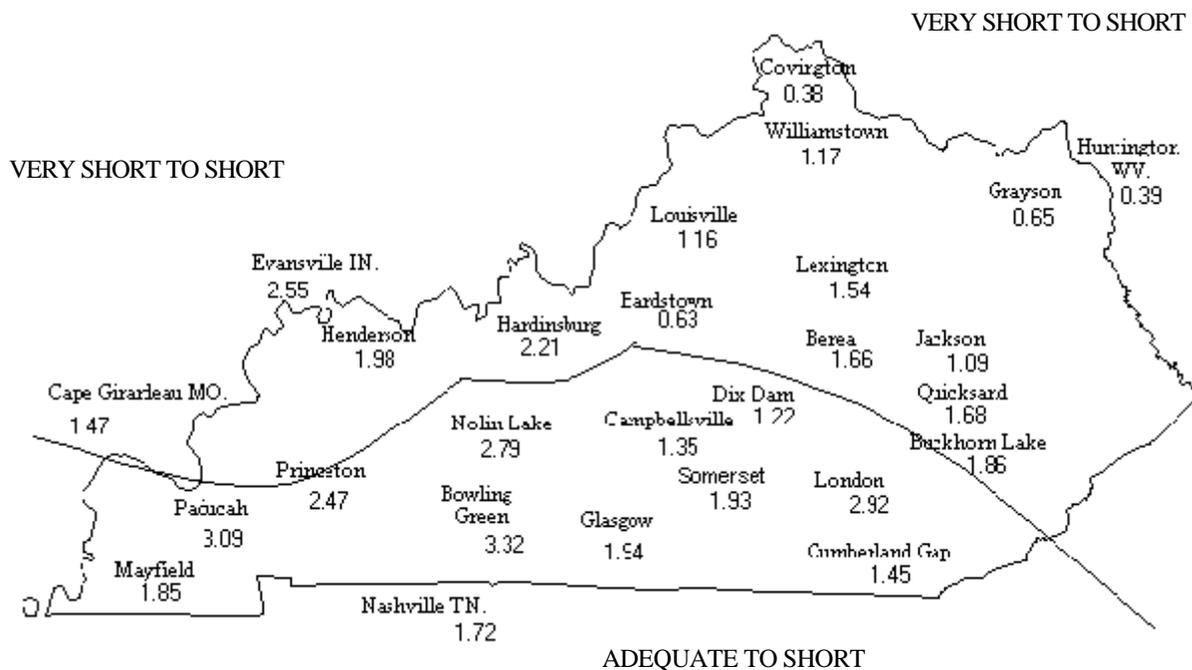
**SOIL MOISTURE**  
WEEK ENDING SEPTEMBER 20, 2002  
WITH COMPARISONS

	This Week	Previous Week
<b>TOPSOIL</b>		
Very Short	28	59
Short	39	32
Adequate	31	9
Surplus	2	0
<b>SUBSOIL</b>		
Very Short	44	59
Short	39	31
Adequate	16	10
Surplus	1	0

**KENTUCKY CROP CONDITIONS (Percent)**

CROP	WEEK ENDING SEPTEMBER 20, 2002					WEEK ENDING SEPTEMBER 13, 2002				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Soybeans	13	24	32	27	4	11	25	29	30	5
Pasture	26	31	29	12	2	35	36	21	7	1
Housed Tobacco	6	15	32	34	13	-	-	-	-	-

**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, SEPTEMBER 22, 7:00 P.M.**  
**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, SEPTEMBER 20, 2002**



# KENTUCKY WEATHER SUMMARY, SEPTEMBER 16 - 22, 2002:

## ABOVE NORMAL RAINFALL AND ABOVE NORMAL TEMPERATURES:

After a cool start to the workweek, temperatures trended upward into the upper 80's by mid-week. Following the passage of a slow moving, strong cold front over the weekend, cool temperatures returned. Scattered rainfall events throughout the week ahead of the cold front, resulted in rainfall on four to six days across the State, while more significant amounts were associated with the passage of the front during the latter half of the workweek.

Temperatures for the period averaged 73 degrees across the State which was 7 degrees above normal. High temperatures averaged from 81 in the West to 81 in the East. Departure from normal high temperatures ranged from 1 degree above normal in the West to 4 degrees above normal in the East. Low temperatures averaged from 64 degrees in the West to 65 degrees in the East. Departure from normal low temperature ranged from 7 degrees above normal in the West to 10 degrees above normal in the East. The extreme highs and low this week were 92 degrees at Huntington and 54 degrees at Spindletop, respectively.

Rainfall for the period totaled 1.74 inches statewide which was 0.93 inches above normal. Rainfall totals by climate division, West 2.24 inches, Central 2.01 inches, Bluegrass 1.22 inches and East 1.50 inches, which was 1.42, 1.16, 0.45 and 0.71 inches respectively above normal. By station, precipitation totals ranged from a low of 0.38 inches at Covington to a high of 3.32 inches at Bowling Green.

Tom Priddy

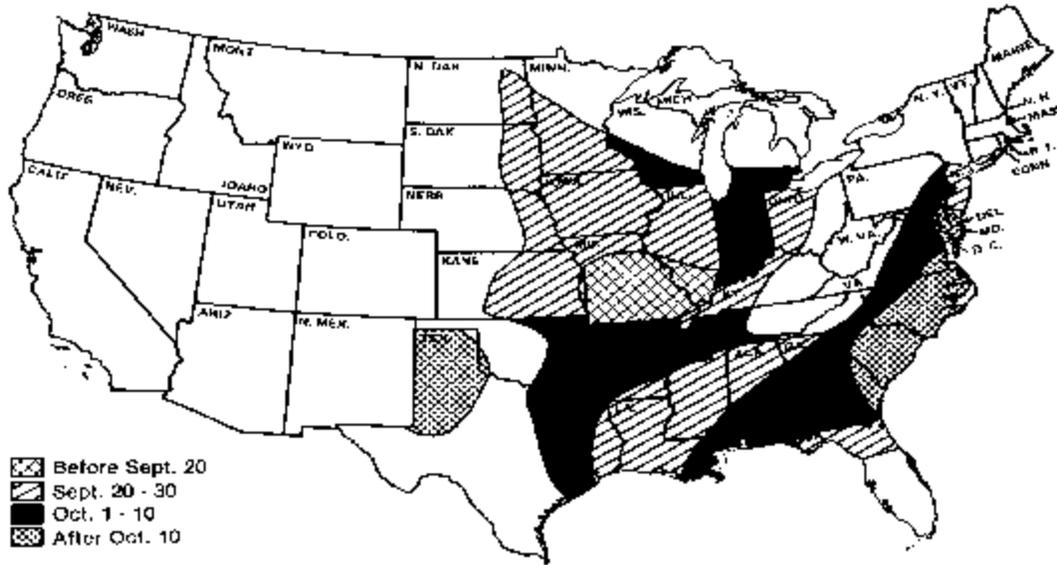
## KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, SEPTEMBER 22, 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	0.63	26.27	2.21	+2.98	-0.90	88	57	73.1	+6	159	3695	+417
Berea	1.66	30.44	3.15	+6.08	-0.56	87	61	74.4	+9	168	3762	+369
Bowling Green	3.32	27.30	4.66	+2.89	+1.25	90	63	76.3	+10	178	3839	+416
Bristol	1.15	14.75	2.60	-5.87	-0.40	88	62	73.6	+8	163	3504	+348
Buckhorn Lake	1.86	21.15	2.56	-2.03	-0.83	89	61	72.2	+6	152	3527	+546
Cape Girardeau	1.47	30.21	2.03	+7.47	-1.26	85	55	70.7	+2	143	3819	+242
Campbellsville	1.35	27.41	3.82	-0.02	-0.47	88	62	75.1	+8	172	3792	+429
Covington	0.38	21.65	1.38	+0.08	-1.38	89	57	72.3	+7	152	3451	+346
Cumberland Gap	1.45	16.66	2.45	-8.35	-0.65	87	64	73.9	+8	165	3636	+510
Dix Dam	1.22	25.07	2.57	+1.08	-0.69	88	59	73.6	+8	163	3695	+364
Evansville	2.55	23.76	3.23	+2.17	+0.45	89	58	72.3	+4	151	3783	+359
Glasgow	1.94	27.80	4.60	+1.40	+0.97	88	62	76.4	+10	181	3938	+605
Grayson	0.65	19.68	1.55	-2.68	-1.19	91	61	73.1	+7	156	3551	+600
Hardinsburg	2.21	23.18	3.09	-1.02	-0.32	89	58	73.9	+7	163	3752	+307
Henderson	1.98	28.80	2.34	+6.40	-0.81	85	57	72.6	+4	156	3803	+349
Huntington	0.39	18.88	1.17	-3.60	-1.65	92	60	73.1	+7	156	3524	+389
Jackson	1.09	22.94	1.53	-1.30	-1.83	88	61	72.6	+7	156	3572	+591
Lexington	1.54	19.50	3.40	-3.79	+0.29	88	59	73.1	+7	158	3611	+454
London	2.92	20.30	3.86	-2.12	+0.67	86	62	72.4	+7	156	3517	+413
Louisville	1.16	21.19	2.51	-1.49	-0.49	89	58	73.1	+6	158	3706	+251
Mayfield	1.85	16.32	2.16	-8.34	-1.49	87	61	73.6	+5	164	3705	+199
Nashville	1.72	19.81	2.66	-2.94	-0.51	88	65	76.1	+9	178	4003	+321
Nolin Lake	2.79	25.38	4.12	-0.44	+0.30	90	62	75.6	+9	174	3784	+597
Paducah	3.09	24.16	3.38	-0.08	+0.03	88	57	73.4	+5	160	3897	+351
Princeton	2.47	23.73	3.52	-0.62	+0.30	87	57	74.0	+5	166	3960	+423
Quicksand	1.68	22.65	2.27	-1.59	-1.09	90	60	71.9	+6	150	3527	+546
Somerset	1.93	24.82	3.86	-0.58	+0.17	87	62	74.4	+9	169	3583	+366
Spindletop	1.34	15.66	2.81	-7.63	-0.30	88	54	72.7	+7	155	3511	+354
Williamstown	1.17	19.32	2.99	-3.61	-0.07	89	60	73.5	+8	161	3644	+487

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/>

# SOYBEANS FOR BEANS - Usual Start of Harvesting, Principal Areas in the United States



## CROP PROGRESS PERCENT FOR WEEK ENDING SEPTEMBER 15, 2002

CORN HARVESTED				
State	Curr	Last Wk	2001	Avg
CO	0	NA	2	1
IL	4	NA	8	7
IN	4	NA	6	6
IA	4	NA	2	3
KS	27	NA	30	27
KY	47	NA	29	33
MI	2	NA	1	2
MN	0	NA	0	0
MO	43	NA	26	30
NE	7	NA	4	5
NC	30	NA	47	41
ND	0	NA	0	0
OH	1	NA	1	2
PA	17	NA	7	5
SD	2	NA	1	1
TN	68	NA	43	52
TX	65	NA	65	64
WI	0	NA	0	1
18 States	9	NA	8	8

These 18 States harvested 93% of last year's corn acreage.

SOYBEANS DROPPING LEAVES				
State	Curr	Last Wk	2001	Avg
AR	25	19	42	24
IL	28	9	47	39
IN	39	18	55	58
IA	50	20	13	35
KS	42	31	50	55
KY	37	18	38	33
LA	43	28	69	62
MI	31	11	37	34
MN	54	22	31	44
MS	64	50	64	63
MO	27	10	15	29
NE	44	19	31	36
NC	12	7	11	14
ND	62	26	46	49
OH	46	18	61	53
SD	70	44	55	57
TN	31	19	32	27
WI	31	12	12	29
18 States	42	19	37	41

These 18 States planted 95% of last year's soybean 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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