



# 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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RPT 27-01

**AGRICULTURAL NEWS:** Showers at mid week spurred fall growth of pastures and improved conditions for fall seeded grains. Days suitable for fieldwork averaged 5.1 out of six. Harvesting hay and corn, cutting and housing tobacco, and clipping pastures were major farm activities. Topsoil moisture supplies on Friday, September 21 were rated 9 percent very short, 30 percent short, 59 percent adequate and 2 percent surplus. Subsoil moisture was rated 14 percent very short, 38 percent short, 47 percent adequate, and 1 percent surplus.

**CORN:** Harvest was in full swing by the end of the week and reached 50 percent complete as of Sunday, September 23 compared with 48 percent last year and the five-year average of 45. Nearly all of the remaining crop was mature. Moisture levels in harvested corn were high enough to require drying in some areas. Most areas are reporting excellent yields.

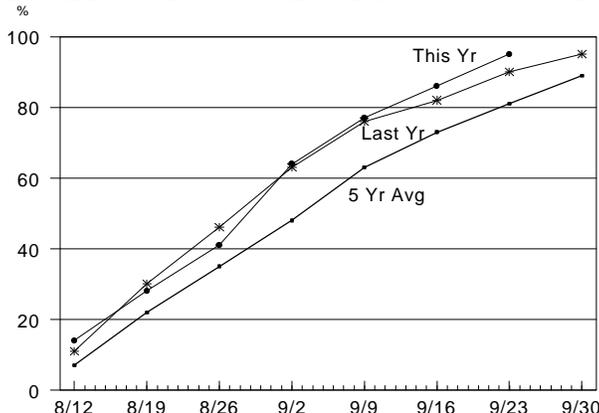
**SOYBEANS:** Harvest is just underway with 8 percent completed, compared with 4 percent last year and the five year average of 6. As of Sunday, September 23, 55 percent were shedding leaves ahead of 52 percent reported a year ago and the five-year average of 47 percent. On Friday,

September 21, soybean condition was rated 1 percent very poor, 5 percent poor, 18 percent fair, 41 percent good and 35 percent excellent.

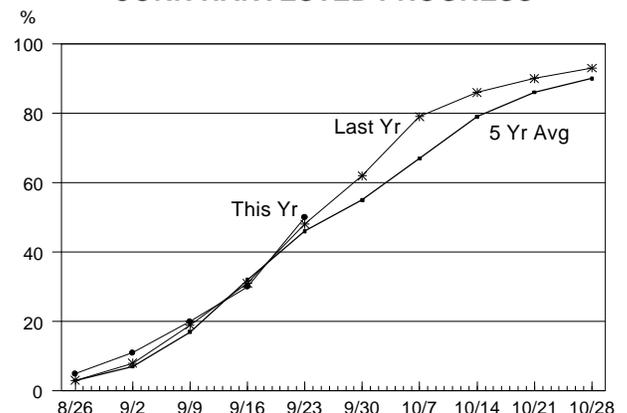
**TOBACCO:** Burley harvest advanced to 95 percent complete by Sunday, September 23, well ahead of the 90 percent reported last year and the average of 81. Dark tobacco harvest reached 92 percent complete compared with 88 percent a year ago and the average of 86. Housed tobacco was curing well, with most areas reporting improved curing weather this week. Condition of housed tobacco on Friday, September 21 was reported as 1 percent very poor, 2 percent poor, 19 percent fair, 60 percent good, and 18 percent excellent. A few areas have reported problems curing early cut tobacco. Late tobacco appears to be doing well both in the field and in the barn.

**OTHER CROPS:** Fall **hay** harvest was winding down with better than expected yield in many areas. Hay supplies for winter appear to be mostly adequate except in some areas of Central Kentucky. Rain during the week helped pasture growth. **Pastures** were rated 6 percent very poor, 13 percent poor, 29 percent fair, 45 percent good, and 7 percent excellent. Seeding of fall grains was just beginning.

**BURLEY TOBACCO PERCENT CUT PROGRESS**



**CORN HARVESTED PROGRESS**



**KENTUCKY CROP PROGRESS**  
WEEK ENDING SEPTEMBER 23, 2001  
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Shedding Leaves	55	52	47	41	40
Harvested	8	4	6	1	3
Corn					
Mature	95	95	83	92	46
Harvested	50	48	45	30	9
Burley Tobacco Cut	95	90	81	86	NA
Dark Tobacco Cut	92	88	86	83	NA

(NA) Data Not Available.

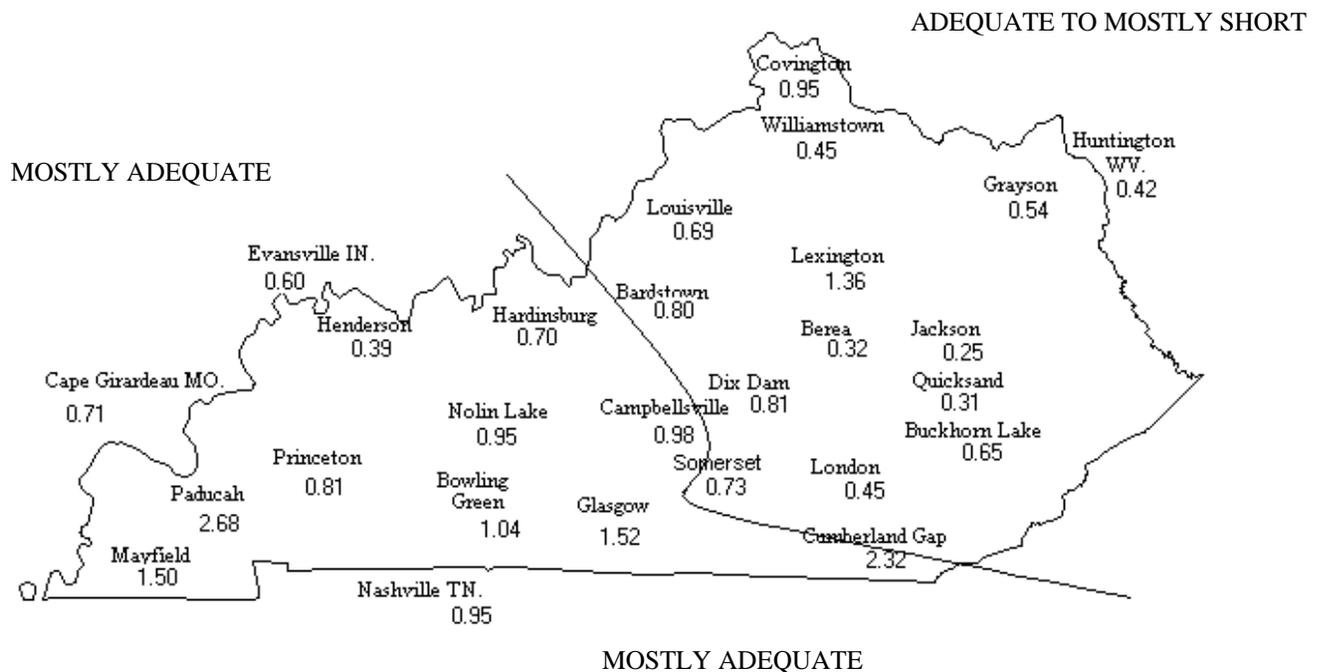
**SOIL MOISTURE**  
WEEK ENDING SEPTEMBER 21, 2001  
WITH COMPARISONS

	This Week	Previous Week
<b>TOPSOIL</b>		
Very Short	9	8
Short	30	32
Adequate	59	58
Surplus	2	2
<b>SUBSOIL</b>		
Very Short	14	11
Short	38	42
Adequate	47	46
Surplus	1	1

**KENTUCKY CROP CONDITIONS (Percent)**

CROP	WEEK ENDING SEPTEMBER 21, 2001					WEEK ENDING SEPTEMBER 14, 2001				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Soybeans	1	5	18	41	35	1	5	23	44	27
Pasture	6	13	29	45	7	6	15	32	41	6
Housed Tobacco	1	2	19	60	18	-	-	-	-	-

**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, SEPTEMBER 23, 7:00 P.M.**  
**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, SEPTEMBER 21, 2001**



# KENTUCKY WEATHER SUMMARY, SEPTEMBER 17 - 23, 2001:

## ABOVE NORMAL TEMPERATURES AND RAINFALL:

Dry and comfortable temperatures for most of the week with rain showers at mid-week providing some needed rainfall for many areas of Kentucky. High temperatures ranged from upper 70s to low 80s throughout the week with warmer temperatures over the weekend. Lows were cooler than previous weeks with temperatures in the 50s most of the week. The rain showers provided rain amounts above an inch in some areas of Western and Central Kentucky. Overall a good week for field activities across most of the State with only interruptions in the middle of the work week due to the rain.

Temperatures for the period averaged 68 degrees across the State which was 2 degrees ABOVE NORMAL. High temperatures averaged from 81 in the West to 79 in the East. Departure from normal high temperatures ranged from 1 degree ABOVE NORMAL in the West to 3 degrees ABOVE NORMAL in the East. Low temperatures averaged from 58 degrees in the West to 56 degrees in the East. Departure from normal low temperature ranged from 1 degree ABOVE NORMAL in the West to 1 degree ABOVE NORMAL in the East. Since April 1st Corn Growing Degree Day accumulations range from 3400 in Northeast Kentucky to 3800 in Southwest Kentucky. Rainfall for the period totaled 0.96 inches statewide which was 0.15 inches ABOVE NORMAL. Precipitation totals by climate division, West 1.12 inches, Central 0.95 inches, Bluegrass 1.06 inches and East 0.71 inches, which was +0.30, +0.10, +0.29 and -0.07 inches respectively from normal. By Kentucky station, precipitation totals ranged from a low of 0.25 inches at Jackson to a high of 2.68 inches at Paducah.

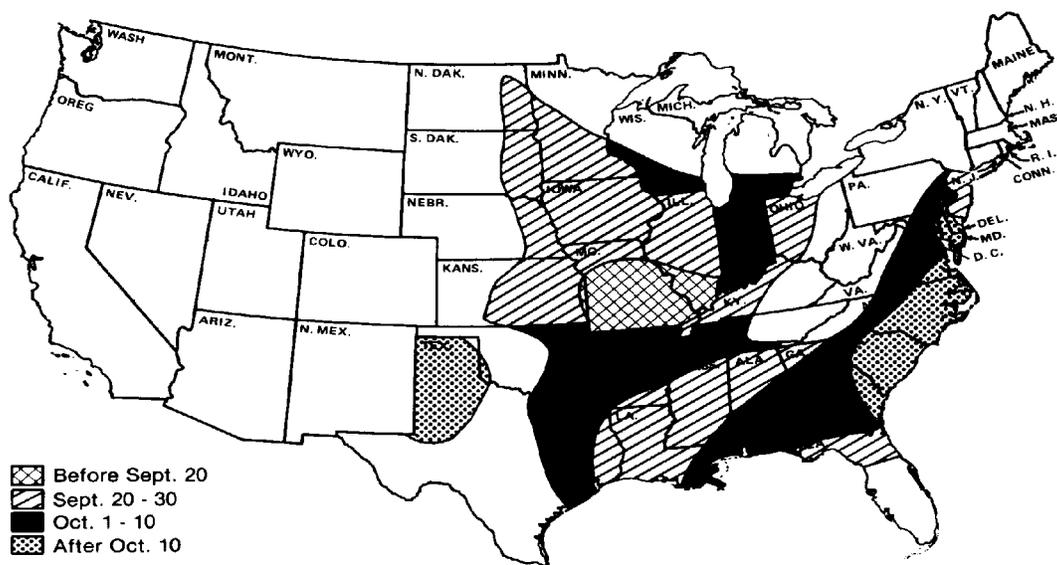
Tom Priddy

## KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, SEPTEMBER 23, 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	0.80	22.23	2.64	-1.16	-0.45	83	53	67.6	+1	120	3576	+280
Berea	0.32	20.30	0.65	-4.20	-3.06	83	52	68.0	+3	125	3460	+48
Bowling Green	1.04	22.60	4.31	-1.93	+0.89	85	52	68.2	+2	125	3786	+344
Bristol	0.24	25.59	3.66	+4.86	+0.65	83	44	65.7	+0	114	3327	+153
Buckhorn Lake	0.65	25.42	1.33	+2.11	-2.06	83	49	67.1	+2	119	3447	+449
Cape Girardeau	0.71	23.41	2.64	+0.55	-0.66	87	50	68.8	+0	130	3816	+220
Campbellsville	0.98	21.77	2.32	-5.82	-1.97	85	51	68.5	+2	128	3644	+262
Covington	0.95	27.24	3.37	+5.57	+0.62	80	49	65.6	+0	108	3323	+201
Cumberland Gap	2.32	19.83	3.17	-5.28	+0.11	83	46	67.6	+2	124	3543	+399
Dix Dam	0.81	21.25	2.21	-2.85	-1.03	83	52	67.8	+2	122	3518	+168
Evansville	0.60	22.44	2.70	+0.75	-0.08	85	54	69.1	+1	132	3767	+324
Glasgow	1.52	22.20	3.21	-4.33	-0.42	87	51	68.9	+2	130	3768	+416
Grayson	0.54	22.74	1.60	+0.29	-1.11	84	48	67.4	+2	121	3428	+460
Hardinsburg	0.70	20.63	3.48	-3.69	+0.07	85	54	68.4	+2	127	3727	+262
Henderson	0.39	22.81	3.75	+0.30	+0.59	86	53	68.8	+0	130	3736	+263
Huntington	0.42	21.86	1.43	-0.72	-1.35	85	47	67.3	+2	122	3409	+257
Jackson	0.25	19.64	1.08	-4.72	-2.27	83	52	67.7	+2	122	3409	+411
Lexington	1.36	20.66	2.85	-2.73	-0.24	83	51	67.6	+2	121	3532	+357
London	0.45	22.23	0.72	-0.31	-2.48	83	49	66.5	+1	114	3381	+260
Louisville	0.69	18.59	3.28	-4.19	+0.29	85	55	68.1	+2	124	3678	+204
Mayfield	1.50	15.76	1.82	-9.03	-1.84	84	52	67.9	-1	124	3603	+77
Nashville	0.95	20.63	1.54	-2.23	-1.63	87	55	71.7	+5	149	3972	+269
Nolin Lake	0.95	24.86	4.77	-1.11	+0.93	85	53	68.2	+2	126	3761	+556
Paducah	2.68	23.16	4.37	-1.20	+1.00	87	52	69.9	+1	137	3870	+305
Princeton	0.81	21.07	3.32	-3.39	+0.12	86	52	70.3	+2	141	3963	+406
Quicksand	0.31	27.04	0.84	+2.68	-2.51	83	50	67.4	+2	120	3433	+435
Somerset	0.73	21.64	1.30	-3.90	-2.40	86	50	67.6	+2	122	3503	+268
Spindletop	2.50	21.75	4.48	-1.64	+1.39	84	52	67.0	+2	117	3393	+218
Williamstown	0.45	24.08	1.51	+1.04	-1.54	83	54	68.1	+3	126	3494	+319

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 16, 2001

CORN HARVESTED				
State	Curr	Last Wk	2000	Avg
CO	2	0	3	1
IL	9	3	12	6
IN	6	3	7	5
IA	2	0	9	3
KS	32	21	57	25
KY	30	20	31	32
MI	1	0	0	2
MN	0	0	0	1
MO	27	20	45	29
NE	4	2	16	5
NC	50	30	31	43
ND	0	0	0	1
OH	1	0	1	2
PA	7	5	2	5
SD	1	0	2	1
TN	45	28	64	53
TX	66	57	70	65
WI	0	0	0	1
18 States	9	5	14	9

These 18 States harvested 94% of last year's corn acreage.

SOYBEANS DROPPING LEAVES				
State	Curr	Last Wk	2000	Avg
AR	44	32	31	20
IL	50	28	58	35
IN	58	38	69	54
IA	14	5	76	38
KS	53	35	89	54
KY	41	18	38	31
LA	73	42	77	60
MI	41	14	22	30
MN	34	16	69	48
MS	65	59	79	62
MO	16	9	53	31
NE	34	12	71	36
NC	12	7	16	15
ND	50	23	71	53
OH	66	32	53	47
SD	57	42	77	61
TN	34	23	31	26
WI	14	0	35	33
18 States	40	22	62	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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