



KENTUCKY WEEKLY CROP & WEATHER REPORT



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Prepared in Cooperation with:
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AGRICULTURAL NEWS: Slightly below average temperatures last week reminded us that we are well into the fall season. Precipitation for the week totaled 2.49 inches which was 1.68 inches above normal. The rains helped double crop soybeans fill their pods and stimulated fall pasture growth. **Days suitable for fieldwork** averaged 4.5 out of seven. Harvesting corn and soybeans and clipping pastures were the major farm activities reported. Corn harvest halted briefly after rain showers early last week as farmers waited for fields to dry. Farmers are in the final stages of cutting and housing tobacco. **Topsoil moisture** as of Friday, September 26 was rated 5 percent short, 82 percent adequate and 13 percent surplus. **Subsoil moisture** was rated 8 percent short, 80 percent adequate, and 12 percent surplus.

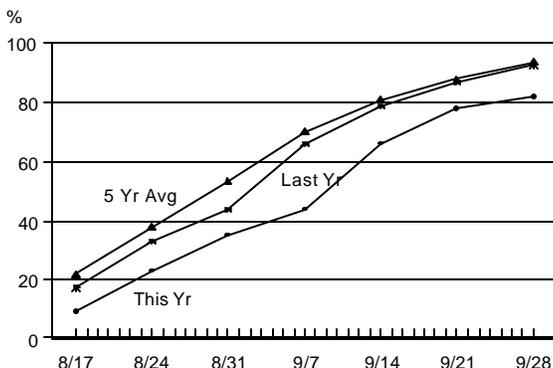
TOBACCO: As of Sunday, September 28, **burley tobacco** harvest advanced to 82 percent complete compared to 93 percent last year and the average of 94 percent. **Dark tobacco** harvest reached 88 percent complete compared with 93 percent a year ago and the average of 94 percent. Rain last week slowed tobacco harvest and damaged some of the cut tobacco still in the field. Condition of housed tobacco on Friday, September 26 was reported as 3 percent very poor, 12 percent poor, 33 percent fair, 35 percent good, and 17 percent excellent.

SOYBEANS: Harvest was just underway with 5 percent combined, compared with 8 percent last year and the average of 15 percent. Rains last week should help late soybeans develop. As of Sunday, September 28, 70 percent were shedding leaves compared to 72 percent a year ago and the average of 69 percent. On Friday, September 26, soybean condition was rated 1 percent poor, 16 percent fair, 53 percent good and 30 percent excellent. Some farmers are starting to get concerned about double crop soybeans maturing before the frost.

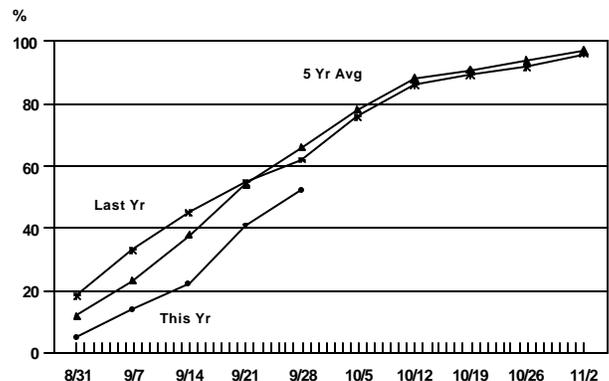
CORN: As of September 28, 94 percent of the corn had reached maturity, compared with 96 for both last year and the 5 year average. Harvest reached 52 percent complete as of Sunday, September 28 compared with 62 percent last year and the average of 66 percent. Reports of above average corn yields and quality are the norm as farmers continue to harvest the crop this year.

OTHER CROPS: **Pastures** were rated 1 percent very poor, 2 percent poor, 21 percent fair, 59 percent good, and 17 percent excellent. Farmers continued to prepare fields and some started seeding fall small grains last week. A few reports that farmers were still putting up hay last week were received.

BURLEY TOBACCO PERCENT CUT PROGRESS



CORN HARVESTED PROGRESS



KENTUCKY CROP PROGRESS
WEEK ENDING SEPTEMBER 28, 2003
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Shedding Leaves	70	72	69	30	59
Harvested	5	8	15	0	6
Corn					
Mature	94	96	96	90	60
Harvested	52	62	66	41	12
Burley Tobacco Cut	82	93	94	78	NA
Dark Tobacco Cut	88	93	94	82	NA

(NA) Data Not Available.

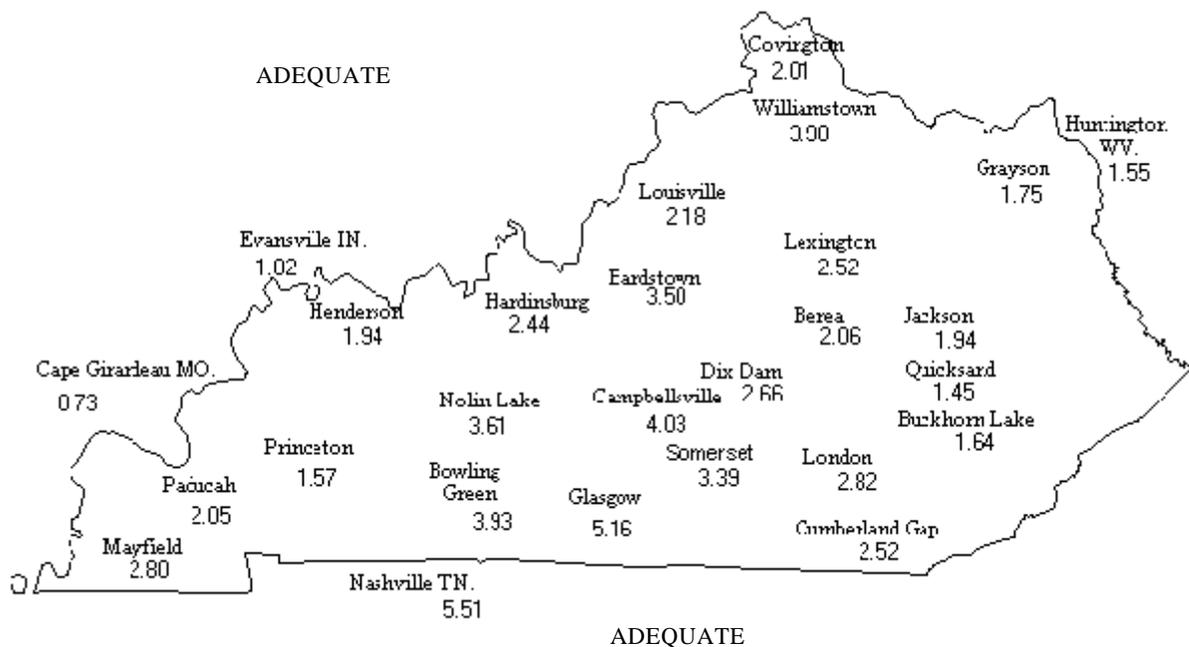
SOIL MOISTURE
WEEK ENDING SEPTEMBER 26, 2003
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	0	2
Short	5	18
Adequate	82	74
Surplus	13	6
SUBSOIL		
Very Short	0	3
Short	8	16
Adequate	80	74
Surplus	12	7

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING SEPTEMBER 26, 2003					WEEK ENDING SEPTEMBER 19, 2003				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Soybeans	0	1	16	53	30	0	1	16	49	34
Pasture	1	2	21	59	17	1	3	21	55	20
Housed Tobacco	3	12	33	35	17	-	-	-	-	-

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, SEPTEMBER 28, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, SEPTEMBER 26, 2003



KENTUCKY WEATHER SUMMARY, SEPTEMBER 22 - 28, 2003:

BELOW NORMAL TEMPERATURE AND MUCH ABOVE NORMAL RAINFALL:

After two dry weeks, surplus rainfall along with below normal temperatures returned to the Bluegrass State. Significant rainfall events occurred at the start of the workweek and during the weekend. Temperatures at mid-week were very warm in the upper 70s to low 80s. The remainder of the workweek and weekend were unseasonably cool.

Temperatures for the period averaged 64 degrees across the State which was 1 degree below normal and 2 degrees cooler than the previous week. High temperatures averaged from 77 in the West to 72 in the East. Departure from normal high temperatures ranged from 2 degrees below normal in the West to 3 degrees below normal in the East. Low temperatures averaged from 54 degrees in the West to 56 degrees in the East. Departure from normal low temperature ranged from 1 degree below normal in the West to 3 degrees above normal in the East. Extreme high temperatures were in the low 80s and extreme low temperatures were in the upper 40s.

Rainfall for the period totaled 2.49 inches statewide which was 1.68 inches above normal. Rainfall totals by climate division, West 1.82 inches, Central 3.47 inches, Bluegrass 2.54 inches and East 2.13 inches, which was 1.00, 2.62, 1.76 and 1.35 inches respectively above normal. By Kentucky station, rainfall totals ranged from a low of 1.45 inches at Quicksand to a high of 5.16 inches at Glasgow.

Tom Priddy

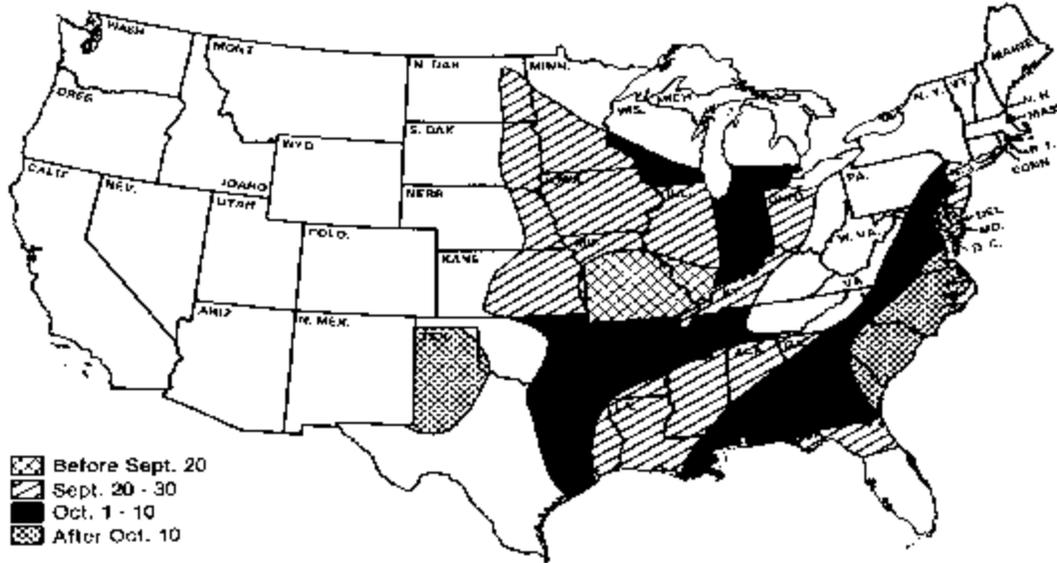
KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, SEPTEMBER 28, 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	3.50	35.78	5.76	+11.85	+2.77	80	46	64.6	-0	104	3427	+41
Berea	2.06	33.65	4.27	+8.49	+0.54	80	49	65.7	+2	109	3475	-32
Bowling Green	3.93	33.95	6.89	+8.80	+3.42	84	47	65.5	+1	109	3614	+77
Bristol	1.25	42.23	4.95	+20.96	+1.91	80	47	64.5	+1	100	3290	+26
Buckhorn Lake	1.64	34.91	3.80	+10.99	+0.38	80	49	63.3	-1	91	3298	+215
Cape Girardeau	0.73	34.78	6.71	+11.33	+3.38	83	42	63.8	-3	100	3573	-118
Campbellsville	4.03	36.51	6.42	+8.15	+2.09	82	48	66.4	+1	115	3622	+145
Covington	2.01	26.41	4.87	+4.26	+2.18	78	47	61.6	-2	81	3122	-85
Cumberland Gap	2.52	40.19	5.56	+14.57	+2.69	81	47	65.0	+1	103	3418	+184
Dix Dam	2.66	34.74	4.93	+10.07	+1.75	80	47	64.4	+0	100	3407	-38
Evansville	1.82	21.39	2.68	-0.79	-0.09	82	47	64.9	-2	104	3484	-54
Glasgow	5.16	39.17	7.62	+11.99	+3.99	84	47	66.9	+2	119	3744	+297
Grayson	1.75	34.02	3.74	+11.11	+1.17	79	46	63.6	-0	96	3273	+220
Hardinsburg	2.44	33.89	9.75	+8.96	+6.34	84	49	64.9	-0	105	3453	-112
Henderson	1.94	33.54	4.60	+10.45	+1.37	82	46	65.8	-1	112	3511	-57
Huntington	1.55	34.25	3.37	+11.21	+0.76	79	45	64.1	+0	98	3255	+18
Jackson	1.94	30.95	4.25	+6.00	+0.96	80	49	63.3	-1	92	3250	+167
Lexington	2.52	32.86	4.81	+8.93	+1.82	79	46	61.9	-2	83	3293	+28
London	2.82	40.14	6.59	+17.02	+3.34	81	46	63.4	-1	94	3281	+75
Louisville	2.18	34.18	6.33	+10.87	+3.38	80	49	64.1	-1	98	3429	-140
Mayfield	2.80	22.61	5.28	-2.85	+1.57	81	48	64.7	-2	103	3431	-195
Nashville	5.51	33.28	8.60	+9.85	+5.42	84	50	67.9	+3	124	3861	+53
Nolin Lake	3.61	34.50	7.92	+7.83	+3.98	84	48	65.4	+0	106	3592	+297
Paducah	2.05	28.68	5.05	+3.71	+1.61	83	46	65.4	-2	108	3644	-16
Princeton	1.57	29.82	6.17	+4.80	+3.06	84	45	67.6	+1	125	3696	+39
Quicksand	1.45	36.80	3.11	+11.85	-0.18	80	49	63.4	-1	92	3312	+229
Somerset	3.39	41.95	6.55	+15.75	+2.82	82	47	64.9	+1	104	3427	+102
Spindletop	2.07	26.61	4.00	+2.68	+1.01	79	46	61.0	-3	77	3183	-82
Williamstown	3.90	32.69	7.95	+9.12	+4.97	78	48	63.9	+0	98	3356	+91

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr 1 Weather Center (859)257-3000 ext 245. E-mail: priddy@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 21, 2003

CORN HARVESTED				
State	Curr	Last Wk	2002	Avg
CO	5	0	1	3
IL	8	3	8	15
IN	5	2	7	11
IA	5	3	6	7
KS	41	33	42	43
KY	41	22	55	54
MI	1	0	4	4
MN	4	1	1	3
MO	44	30	51	44
NE	6	2	10	11
NC	73	50	35	52
ND	2	1	0	2
OH	1	0	4	5
PA	1	1	21	11
SD	3	1	5	5
TN	58	36	77	74
TX	75	67	69	74
WI	0	0	0	2
18 States	12	7	13	15

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

SOYBEANS DROPPING LEAVES				
State	Curr	Last Wk	2002	Avg
AR	28	20	33	36
IL	50	25	48	61
IN	57	33	60	78
IA	71	39	73	62
KS	63	46	56	71
KY	30	8	53	54
LA	56	46	49	70
MI	50	10	57	56
MN	87	62	78	75
MS	78	70	76	77
MO	31	18	41	45
NE	54	19	65	64
NC	21	8	17	19
ND	78	55	88	74
OH	55	24	68	75
SD	85	66	85	79
TN	34	22	43	42
WI	56	39	51	53
18 States	59	35	61	64

These 18 States planted 96% 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, on the Internet go to <http://www.nass.usda.gov/sub-form.htm> and follow the instructions.