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KENTUCKY WEEKLY CROP & WEATHER REPORT



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: The fourth week of September brought mostly clear skies and slightly above normal temperatures throughout most of the State. Days suitable for fieldwork averaged 6.0 out of a possible seven days. Temperatures across the State averaged 68 degrees, 3 degrees above normal. Precipitation for the period totaled 0.00 inches statewide which was 0.80 inches below normal. As of Friday, September 24, **topsoil moisture** was rated 12 percent very short, 23 percent short, 51 percent adequate, and 14 percent surplus. **Subsoil moisture** was rated 11 percent very short, 17 percent short, 59 percent adequate and 13 percent surplus. Main farming activities for the week included tobacco cutting and housing, corn and soybean harvesting, cattle feeding, fall seeding of pasture and hay, and fall tillage for wheat.

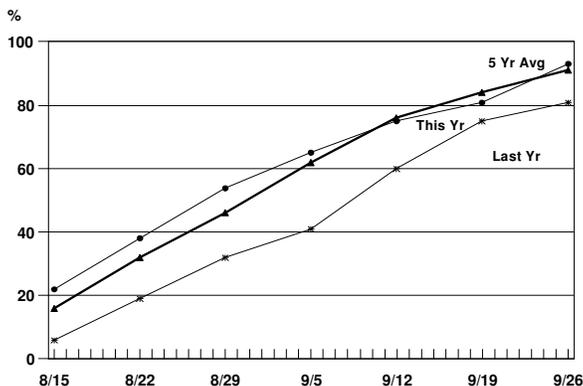
TOBACCO: Producers report tobacco curing as mostly good to excellent throughout the State this week. Drier weather with morning fog in Western Kentucky has helped curing and also provided good stripping conditions. Blue mold damage is still prevalent but only severe in scattered parts of the State. Housed tobacco is curing well with very slight houseburn. As of Friday, September 24, housed tobacco condition was 1 percent very poor, 4 percent poor, 17 percent fair, 56 percent good, and 22 percent excellent. The **burley** crop was 93 percent cut, well ahead of last year's 81 percent and 2 percent ahead the 5 year average. **Dark tobacco** was 92 percent cut, compared to 86 percent last year and equal to the 5 year average.

CORN: Corn harvest was in full swing this week with farmers still reporting mostly good to excellent yields and quality. Warmer temperatures continued to contribute to the dry down rate for corn. Only slight water damage and ear rot have been reported. Ninety-two percent of the corn crop was mature, 1 percent behind last year and 4 percent behind the 5 year average. Corn harvesting had reached 56 percent complete, compared to 49 percent last year and 62 percent for the 5 year average.

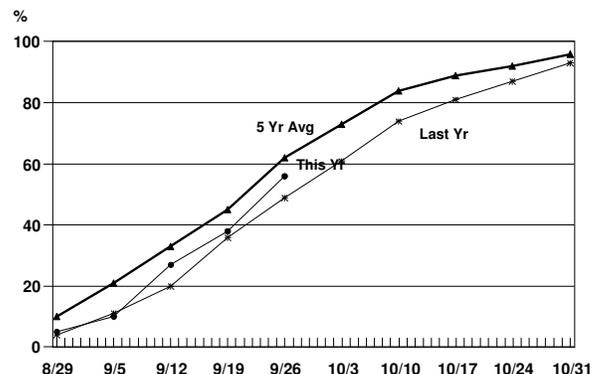
SOYBEANS: Soybean harvest progressed this week with producers reporting mostly good to excellent yields for early planted beans. Rainfall and moisture in the east has improved double crop bean conditions. Only a few producers have reported disease problems. Soybean crop condition was 1 percent very poor, 4 percent poor, 15 percent fair, 46 percent good, and 34 percent excellent. As of Sunday, September 26, 75 percent of the soybean crop were dropping leaves, compared with 59 percent last year and 65 percent for the 5 year average. Soybean harvest had reached 11 percent complete, ahead of last year's 4 percent and equal to the five year average.

OTHER CROPS: Farmers continued to cut **hay** and clip pastures in most areas of the State this week. Hay and roughage supplies were reported as excellent due to the ideal curing and baling conditions. Range and **pasture** condition was reported at 2 percent very poor, 11 percent poor, 24 percent fair, 44 percent good, and 19 percent excellent. Farmers were also busy seeding pastures and preparing harvested corn fields for fall small grains.

BURLEY TOBACCO PERCENT CUT PROGRESS



CORN HARVESTED PROGRESS



KENTUCKY CROP PROGRESS
WEEK ENDING SEPTEMBER 26, 2004
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Shedding Leaves	75	59	65	37	52
Harvested	11	4	11	1	8
Corn					
Mature	92	93	96	82	43
Harvested	56	49	62	38	9
Burley Tobacco Cut	93	81	91	81	NA
Dark Tobacco Cut	92	86	92	72	NA

(NA) Data Not Available.

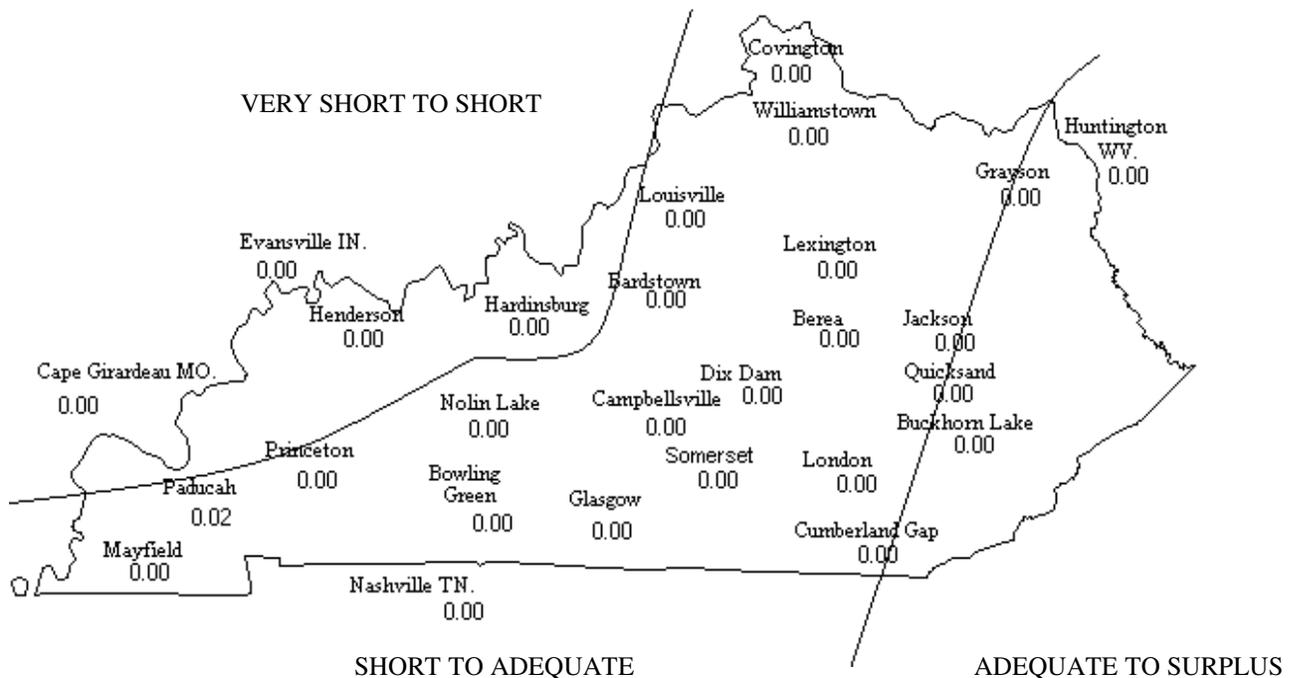
SOIL MOISTURE
WEEK ENDING SEPTEMBER 24, 2004
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	12	2
Short	23	19
Adequate	51	57
Surplus	14	22
SUBSOIL		
Very Short	11	3
Short	17	15
Adequate	59	61
Surplus	13	21

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING SEPTEMBER 24, 2004					WEEK ENDING SEPTEMBER 17, 2004				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Soybeans	1	4	15	46	34	0	3	15	48	34
Pasture	2	11	24	44	19	1	4	23	52	20
Housed Tobacco	1	4	17	56	22	-	-	-	-	-

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, SEPTEMBER 26, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, SEPTEMBER 24, 2004



KENTUCKY WEATHER SUMMARY, SEPTEMBER 20 - 26, 2004:
ABOVE NORMAL TEMPERATURES AND BELOW NORMAL PRECIPITATION:

Little to no rain fell across the Commonwealth this week. A large ridge of high pressure settled over the east coast keeping skies mostly clear. Temperatures were cooler during the beginning of the week when lows fell into the 40's and highs stayed in the 70's. Temperatures warmed into the middle and upper 80's by midweek. On Friday, moisture streaming north from the Gulf of Mexico and a front approaching from the west triggered some light rain across extreme western Kentucky. The remainder of the weekend was spent under mostly sunny skies and mild temperatures. This is the 5th consecutive week of above normal temperatures.

Temperatures for the period averaged 68 degrees across the State which was 3 degrees above normal. High temperatures averaged from 83 degrees in the West to 81 degrees in the East. Departure from normal high temperatures ranged from 4 degrees above normal in the West to 6 degrees above normal in the East. Low temperatures averaged from 54 degrees in the West to 54 degrees in the East. Departure from normal low temperature ranged from 2 degrees below normal in the West to 0 degree from normal in the East. The extreme high temperature was 88 degrees in Covington and Louisville. The extreme low temperature was 46 degrees at Grayson, London, and Somerset.

Rainfall for the period totaled 0.00 inches statewide which was 0.80 inches below normal. Precipitation totals by climate division, West 0.00 inches, Central 0.00 inches, Bluegrass 0.00 inches and East 0.00 inches, which was 0.81, 0.85, 0.77 and 0.78 inches respectively below normal. By station, precipitation totals ranged from a low of 0.00 inches at all reporting stations except Paducah with 0.02 inches.

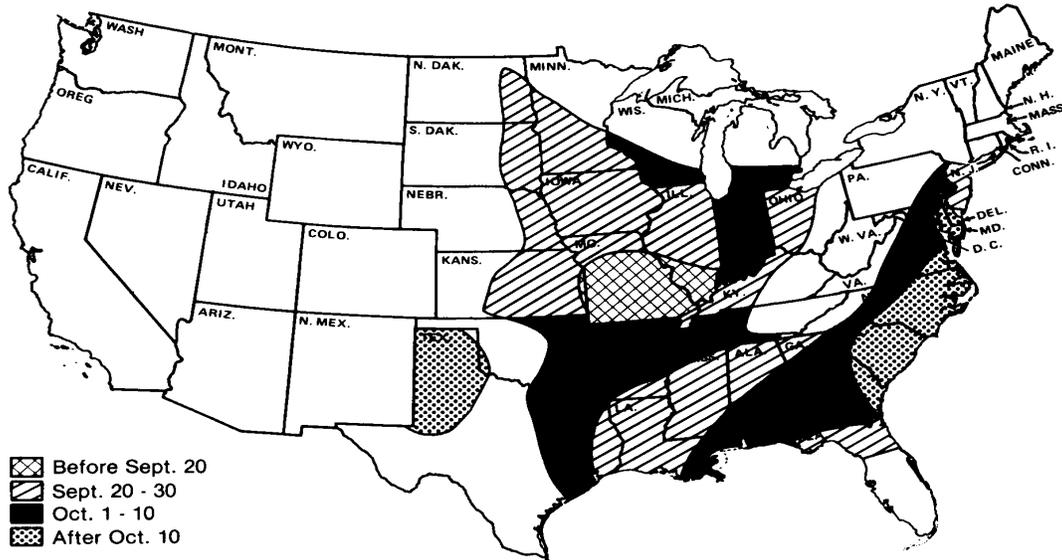
Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL
FOR WEEK ENDING SUNDAY, SEPTEMBER 26, 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	0.00	35.60	2.29	+11.89	-0.74	85	48	69.1	+4	133	3466	+116
Berea	0.00	33.42	4.89	+8.52	+1.17	83	51	68.3	+4	127	3598	+129
Bowling Green	0.00	29.24	1.74	+4.34	-1.71	85	47	67.6	+2	124	3667	+168
Bristol	0.00	25.60	4.51	+4.54	+1.48	86	44	66.2	+2	118	3366	+138
Buckhorn Lake	0.00	26.34	3.70	+2.67	+0.29	85	49	68.3	+4	127	3415	+366
Cape Girardeau	0.00	21.61	0.02	-1.60	-3.30	86	45	67.1	-0	123	3618	-35
Campbellsville	0.00	29.85	4.31	+1.80	-0.01	86	47	68.2	+3	128	3573	+134
Covington	0.00	25.47	1.78	+3.51	-0.93	88	48	67.9	+4	124	3265	+92
Cumberland Gap	0.00	21.17	3.29	-4.25	+0.34	85	49	68.3	+4	127	3472	+274
Dix Dam	0.00	31.36	3.42	+6.91	+0.21	84	51	68.5	+4	128	3482	+75
Evansville	0.00	20.97	0.08	-1.01	-2.69	85	49	68.4	+1	128	3658	+158
Glasgow	0.00	29.55	3.79	+2.63	+0.16	88	47	69.4	+4	135	3822	+413
Grayson	0.00	29.47	7.56	+6.75	+4.93	85	46	67.7	+3	126	3428	+409
Hardinsburg	0.00	25.67	0.30	+0.99	-3.11	86	50	70.6	+5	142	3624	+99
Henderson	0.00	22.22	0.00	-0.64	-3.20	84	49	68.3	+1	128	3573	+43
Huntington	0.00	28.34	8.45	+5.48	+5.77	85	45	66.6	+2	119	3458	+255
Jackson	0.00	38.78	7.55	+14.07	+4.24	86	50	68.6	+4	129	3350	+301
Lexington	0.00	35.57	3.22	+11.86	+0.19	85	49	67.4	+3	121	3338	+109
London	0.00	35.83	8.53	+12.94	+5.30	85	46	66.5	+2	117	3339	+167
Louisville	0.00	31.25	0.15	+8.15	-2.82	88	49	68.9	+4	129	3560	+29
Mayfield	0.00	14.02	0.00	-11.17	-3.69	85	49	68.3	+1	127	3508	-78
Nashville	0.00	28.19	4.55	+4.98	+1.37	87	50	70.5	+5	140	3918	+152
Nolin Lake	0.00	27.00	1.06	+0.61	-2.84	86	48	69.4	+4	134	3679	+420
Paducah	0.02	16.15	0.02	-8.58	-3.39	86	47	69.1	+2	135	3761	+139
Princeton	0.00	24.15	0.20	-0.65	-2.94	86	48	69.5	+2	137	3738	+121
Quicksand	0.00	33.55	6.78	+8.84	+3.47	85	49	68.3	+4	127	3415	+366
Somerset	0.00	31.77	6.16	+5.83	+2.44	85	46	65.6	+1	112	3312	+23
Spindletop	0.00	29.15	2.61	+5.44	-0.42	84	48	66.7	+2	118	3286	+57
Williamstown	0.00	23.15	2.29	-0.20	-0.72	87	49	68.8	+5	129	3370	+141

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 19, 2004

CORN HARVESTED				
State	Curr	Last Wk	2003	Avg
CO	1	0	4	3
IL	10	3	7	11
IN	8	3	4	8
IA	2	0	4	6
KS	22	13	39	40
KY	38	27	36	45
MI	0	0	1	3
MN	0	0	3	1
MO	30	20	40	42
NE	4	1	5	9
NC	66	56	66	49
ND	0	0	2	0
OH	1	0	1	3
PA	21	10	1	9
SD	0	0	2	3
TN	60	32	52	67
TX	66	62	73	71
WI	0	0	0	1
18 States	9	5	10	12

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

SOYBEANS DROPPING LEAVES				
State	Curr	Last Wk	2003	Avg
AR	44	34	26	33
IL	62	37	43	54
IN	78	60	50	66
IA	64	31	62	54
KS	59	35	58	62
KY	37	20	24	47
LA	66	59	53	64
MI	15	6	39	45
MN	29	10	80	66
MS	91	85	76	76
MO	40	24	27	37
NE	57	21	44	52
NC	15	8	17	17
ND	27	8	71	67
OH	58	38	46	65
SD	60	38	80	72
TN	38	28	31	38
WI	27	10	51	43
18 States	52	30	53	56

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.