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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
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AGRICULTURAL NEWS: The third week of September brought sunny skies and slightly above normal temperatures throughout most of the State. Mild weather continued during the week in western Kentucky, while the eastern portion received remnants of Hurricane Ivan. Days suitable for fieldwork averaged 4.8 out of a possible seven days. Temperatures across the State averaged 70 degrees, 2 degrees above normal. Precipitation for the period totaled 1.36 inches statewide which was 0.55 inches above normal. As of Friday, September 17, **topsoil moisture** was rated 2 percent very short, 19 percent short, 57 percent adequate, and 22 percent surplus. **Subsoil moisture** was rated 3 percent very short, 15 percent short, 61 percent adequate and 21 percent surplus. Main farming activities for the week included tobacco spraying, topping, cutting and housing, corn and soybean harvesting, cattle feeding, and fall seeding of pasture and hay.

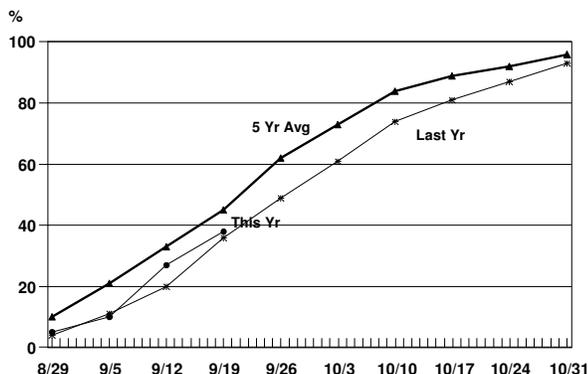
TOBACCO: Producers report tobacco curing as mostly good to excellent throughout the State this week. Rain in eastern Kentucky has saturated some tobacco fields and delayed housing operations but producers still predict a good quality crop. Dry, warmer weather in Western Kentucky has helped curing and 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 little houseburn. As of Friday, September 17, tobacco set condition was 2 percent very poor, 8 percent poor, 17 percent fair, 49 percent good, and 24 percent excellent. The **burley** crop was 81 percent cut, well ahead of last year's 75 percent and only 3 percent behind the 5 year average. **Dark tobacco** was 72 percent cut, compared to 77 percent last year and 84 percent for the 5 year average.

CORN: Early corn harvest progressed this week with farmers still reporting mostly good to excellent yields. Warmer temperatures have factored into the dry down rate for corn. Only slight water damage and ear rot have been reported. As of Friday, September 17, corn condition was reported as 1 percent very poor, 3 percent poor, 14 percent fair, 40 percent good, and 42 percent excellent. The corn crop was 98 percent dented, equal to last year and just behind the five year average of 99 percent. Eighty-two percent of the corn crop was mature, 2 percent behind last year and 9 percent behind the 5 year average. Corn harvesting had reached 38 percent complete, compared to 36 percent last year and 45 percent for the 5 year average. Average moisture content of corn being harvested was 20 percent.

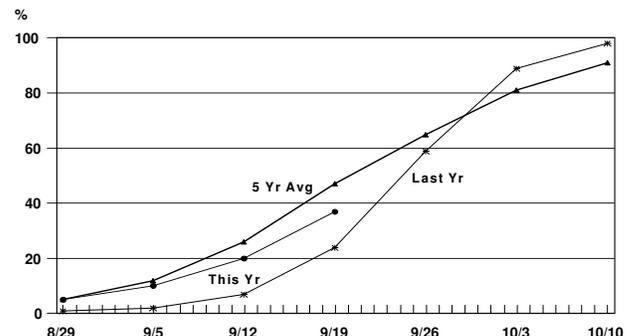
SOYBEANS: Soybean harvest is just underway with producers reporting mostly good to excellent yields for early planted beans. Rainfall in the east has improved double crop bean conditions. Only a few producers have reported disease problems. Soybean crop condition was 3 percent poor, 15 percent fair, 48 percent good, and 34 percent excellent. As of Sunday, September 19, 37 percent of the soybean crop were dropping leaves, compared with 24 percent last year and 47 percent for the 5 year average.

OTHER CROPS: Farmers continued to cut hay and clip pastures in most areas of the State this week. **Hay** crop condition was reported as 1 percent very poor, 5 percent poor, 20 percent fair, 51 percent good, and 23 percent excellent. Farmers are reporting their hay crop to be plentiful. Range and **pasture** condition was reported at 1 percent very poor, 4 percent poor, 23 percent fair, 52 percent good, and 20 percent excellent. Farmers were also busy seeding pastures and preparing harvested corn fields for fall small grains.

CORN HARVESTED PROGRESS



SOYBEANS SHEDDING LEAVES OR BEYOND



KENTUCKY CROP PROGRESS
WEEK ENDING SEPTEMBER 19, 2004
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Shedding Leaves	37	24	47	20	30
Corn					
Dent	98	98	99	95	75
Mature	82	84	91	77	27
Harvested	38	36	45	27	5
Burley Tobacco Cut	81	75	84	75	NA
Dark Tobacco Cut	72	77	84	70	NA

(NA) Data Not Available.

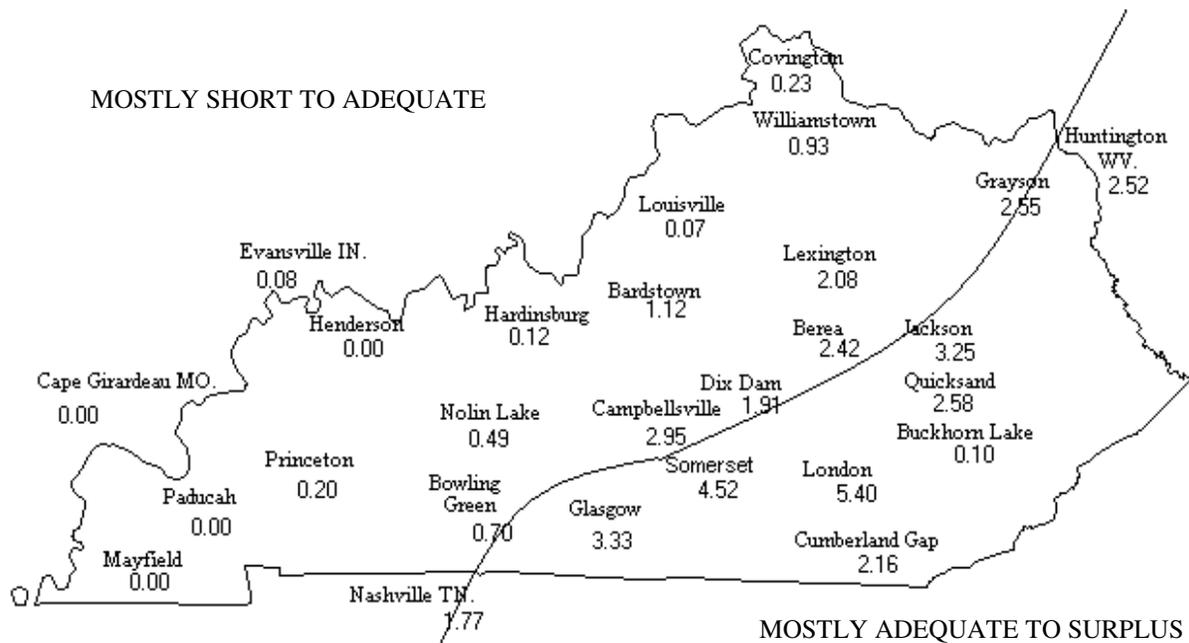
SOIL MOISTURE
WEEK ENDING SEPTEMBER 17, 2004
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	2	1
Short	19	16
Adequate	57	67
Surplus	22	16
SUBSOIL		
Very Short	3	1
Short	15	15
Adequate	61	75
Surplus	21	9

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING SEPTEMBER 17, 2004					WEEK ENDING SEPTEMBER 10, 2004				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	1	3	14	40	42	0	4	12	45	39
Soybeans	0	3	15	48	34	0	3	13	51	33
Pasture	1	4	23	52	20	1	4	20	54	21
Hay Crops	1	5	20	51	23	1	4	23	53	19
Tobacco in Field	2	8	17	49	24	3	8	18	53	18

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, SEPTEMBER 19, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, SEPTEMBER 17, 2004



KENTUCKY WEATHER SUMMARY, SEPTEMBER 13 - 19, 2004:
ABOVE NORMAL TEMPERATURES AND ABOVE NORMAL PRECIPITATION:

The eastern half of the State was saturated with rain once again as the remnants of Ivan moved north on Thursday and Friday. Rainfall totals were generally in the 2-5 inch range. Western Kentucky saw another dry week. The first half of the week and the weekend were dominated by high pressure. Skies were mostly sunny, winds were light, and highs were in the 80's. Over the weekend temperatures were a bit cooler and fall-like with lows in the upper 40's and highs in the 70's for much of the State. This is the 4th consecutive week with above normal temperatures. This is the 2nd consecutive week for above normal statewide precipitation.

Temperatures for the period averaged 70 degrees across the State which was 2 degrees above normal. High temperatures averaged from 83 degrees in the West to 78 degrees in the East. Departure from normal high temperatures ranged from 2 degrees above normal in the West to 0 degree from normal in the East. Low temperatures averaged from 60 degrees in the West to 59 degrees in the East. Departure from normal low temperature ranged from 3 degrees above normal in the West to 4 degrees above normal in the East. The extreme high temperature was 89 degrees in Glasgow and Princeton. The extreme low temperature was 46 degrees in Bardstown.

Rainfall for the period totaled 1.36 inches statewide which was 0.55 inches above normal. Precipitation totals by climate division, West 0.05 inches, Central 0.97 inches, Bluegrass 1.53 inches and East 2.88 inches, which was -0.77, +0.12, +0.75 and +2.10 inches respectively from normal. By station, precipitation totals ranged from a low of 0.00 inches at Paducah and Henderson to a high of 5.40 inches at London.

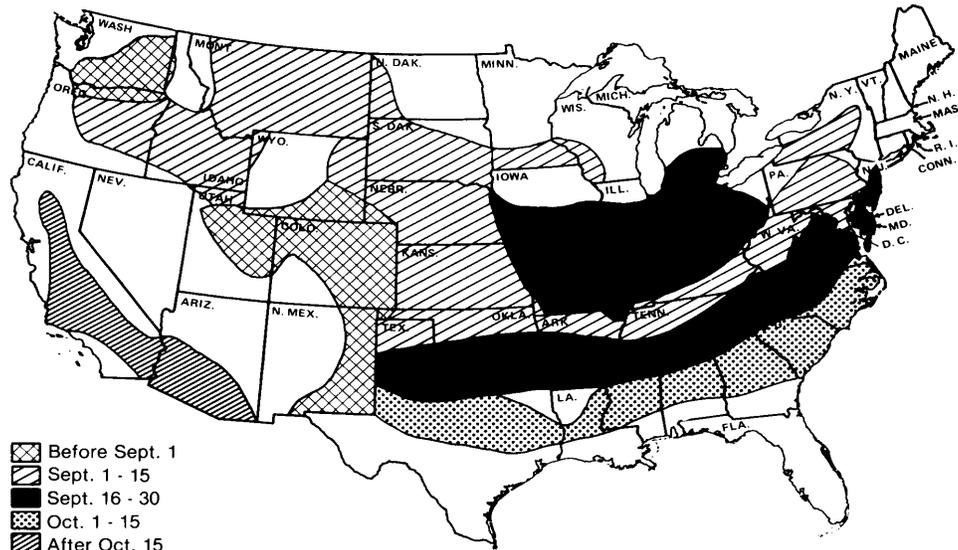
Tom Priddy

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	1.12	35.60	3.07	+12.63	-0.10	84	46	69.1	+2	134	3333	+109
Berea	2.42	33.42	6.75	+9.46	+3.06	82	50	68.6	+2	129	3471	+135
Bowling Green	0.70	29.24	3.07	+5.20	-0.31	87	51	70.9	+4	143	3543	+177
Bristol	3.11	25.60	4.51	+5.31	+1.53	84	47	67.1	+1	120	3248	+146
Buckhorn Lake	0.10	26.34	3.85	+3.52	+0.47	85	50	69.7	+3	137	3288	+358
Cape Girardeau	0.00	21.61	3.16	-0.77	-0.11	86	47	71.6	+2	152	3495	-25
Campbellsville	2.95	29.85	4.91	+2.88	+0.64	86	51	70.1	+3	140	3445	+139
Covington	0.23	25.47	2.69	+4.19	-0.11	84	50	69.4	+3	134	3141	+87
Cumberland Gap	2.16	21.17	3.59	-3.53	+0.38	85	50	69.7	+3	137	3345	+273
Dix Dam	1.91	31.36	4.53	+7.71	+1.24	83	48	68.5	+2	130	3354	+80
Evansville	0.08	20.97	2.73	-0.32	-0.05	87	49	72.3	+3	155	3530	+163
Glasgow	3.33	29.55	3.85	+3.54	+0.22	89	51	71.7	+4	147	3687	+411
Grayson	2.55	29.47	8.62	+7.39	+5.79	83	48	68.2	+2	127	3302	+402
Hardinsburg	0.12	25.67	2.76	+1.84	-0.65	86	50	71.9	+5	152	3482	+97
Henderson	0.00	22.22	4.06	+0.17	+0.95	87	49	70.7	+1	144	3445	+48
Huntington	2.52	28.34	9.46	+6.14	+6.54	84	48	68.4	+2	128	3339	+255
Jackson	3.25	38.78	8.15	+14.89	+4.76	83	49	67.9	+2	124	3221	+291
Lexington	2.08	35.57	5.17	+12.60	+2.00	83	48	67.7	+1	124	3217	+114
London	5.40	35.83	9.15	+13.76	+5.99	82	48	66.7	+0	116	3222	+169
Louisville	0.07	31.25	2.38	+8.89	-0.65	86	49	70.7	+3	143	3431	+33
Mayfield	0.00	14.02	0.72	-10.24	-2.91	85	50	69.7	+0	137	3381	-65
Nashville	1.77	28.19	4.91	+5.78	+1.75	87	51	73.2	+6	160	3778	+159
Nolin Lake	0.49	27.00	2.74	+1.60	-1.02	87	50	71.6	+4	150	3545	+412
Paducah	0.00	16.13	1.03	-7.74	-2.28	88	50	73.4	+4	160	3626	+137
Princeton	0.20	24.15	1.25	+0.13	-2.02	89	51	73.4	+4	160	3601	+124
Quicksand	2.58	33.55	7.30	+9.66	+3.91	85	50	69.7	+3	137	3288	+358
Somerset	4.52	31.77	7.20	+6.77	+3.53	84	49	67.9	+2	124	3200	+37
Spindletop	1.59	29.15	3.40	+6.18	+0.23	83	48	66.9	+1	118	3168	+65
Williamstown	0.93	23.15	3.63	+0.54	+0.53	84	49	68.8	+2	131	3241	+138

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/>

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



CROP PROGRESS PERCENT FOR WEEK ENDING SEPTEMBER 12, 2004

CORN MATURE

State	Curr	Last Wk	2003	Avg
CO	9	2	31	20
IL	46	27	34	49
IN	48	27	18	40
IA	17	9	43	47
KS	58	36	76	71
KY	77	60	66	78
MI	3	0	1	15
MN	0	0	33	22
MO	74	60	78	78
NE	11	3	22	36
NC	94	91	83	87
ND	0	0	30	24
OH	17	5	5	19
PA	34	25	10	21
SD	7	3	28	26
TN	86	72	88	92
TX	78	75	86	86
WI	1	0	12	13
18 States	27	17	35	41

These 18 States planted 92% of last year's corn acreage.

SOYBEANS DROPPING LEAVES

State	Curr	Last Wk	2003	Avg
AR	34	26	19	23
IL	37	17	19	30
IN	60	29	27	44
IA	31	8	32	28
KS	35	16	43	47
KY	20	10	7	26
LA	59	52	41	50
MI	6	0	7	21
MN	10	2	52	36
MS	85	73	65	65
MO	24	10	15	21
NE	21	7	16	26
NC	8	4	7	10
ND	8	1	47	39
OH	38	21	21	41
SD	38	29	61	51
TN	28	17	19	26
WI	10	0	28	20
18 States	30	15	30	33

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.