



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: Cool temperatures and sparse precipitation were the predominate weather conditions last week. Days suitable for fieldwork averaged 6.0 out of a possible seven days. Harvesting corn and hay, along with cutting and housing tobacco continued to be the main activities on the farm this week. As of Friday, September 19, **topsoil moisture** was rated 2 percent very short, 18 percent short, 74 percent adequate, and 6 percent surplus. **Subsoil moisture** was rated 3 percent very short, 16 percent short, 74 percent adequate and 7 percent surplus.

TOBACCO: Weather conditions continue to be good for curing tobacco. Condition of tobacco was 4 percent very poor, 10 percent poor, 29 percent fair, 44 percent good, and 13 percent excellent. Harvest of the burley crop moved up to 78 percent cut. Last year the rate was 87 percent, with the 5 year average at 88 percent. Eighty-two percent of the **dark tobacco** had been cut, compared to 89 percent for 2002 and 88 percent on average. Most tobacco has been curing very well. Persistent rains damaged some tobacco during harvesting and may effect quality. Tobacco showing houseburn was reported as 66 percent none, 19 percent light, 13 percent moderate, and 2 percent heavy.

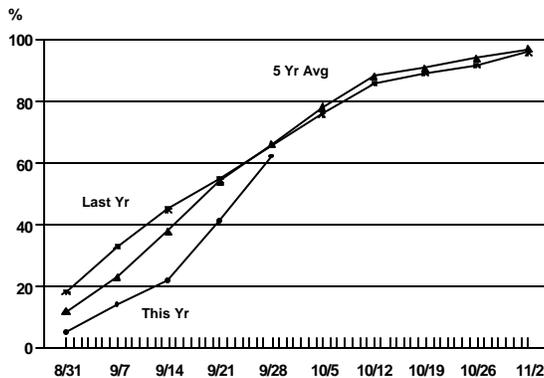
CORN: Farmers continued to make good progress harvesting their crop after another dry week. Early reports continue to indicate an overall above average crop and some farmers are predicting record yields.

Corn harvesting reached 41 percent, compared to 55 percent last year and 54 percent for the 5 year average. Average moisture content of corn being harvested was 23 percent. As of Friday, September 19, corn condition was reported as 1 percent very poor, 4 percent poor, 21 percent fair, 37 percent good, and 37 percent excellent. Approximately 90 percent of the corn crop was mature. In 2002, 93 percent was mature, with 92 percent for the 5 year average.

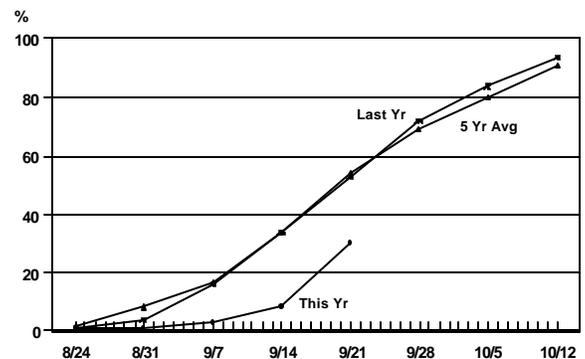
SOYBEANS: Harvest for full season beans should get started next week, while double crop beans still need some time to develop. Crop condition was 1 percent poor, 16 percent fair, 49 percent good, and 34 percent excellent. As of Sunday, September 21, 30 percent of the soybean crop was shedding leaves, compared with 53 percent last year, and the 5 year average of 54 percent.

OTHER CROPS: Fall **hay** harvest is almost complete and hay yield has been above average this year. The quality has been hurt this year due to steady rains that prevented timely harvesting. Condition of the hay was reported as 1 percent very poor, 2 percent poor, 26 percent fair, 50 percent good, and 21 percent excellent. Hay supplies are expected to be adequate this year. **Pastures** were rated 1 percent very poor, 3 percent poor, 21 percent fair, 55 percent good, and 20 percent excellent. Farmers seeded pastures and prepared fields for fall small seeding grains.

CORN HARVESTED PROGRESS



SOYBEANS SHEDDING LEAVES OR BEYOND



KENTUCKY CROP PROGRESS
WEEK ENDING SEPTEMBER 21, 2003
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Shedding Leaves	30	53	54	8	35
Harvested	0	4	6	0	NA
Corn					
Mature	90	93	92	68	40
Harvested	41	55	54	22	7
Burley Tobacco Cut	78	87	88	66	NA
Dark Tobacco Cut	82	89	88	64	NA

(NA) Data Not Available.

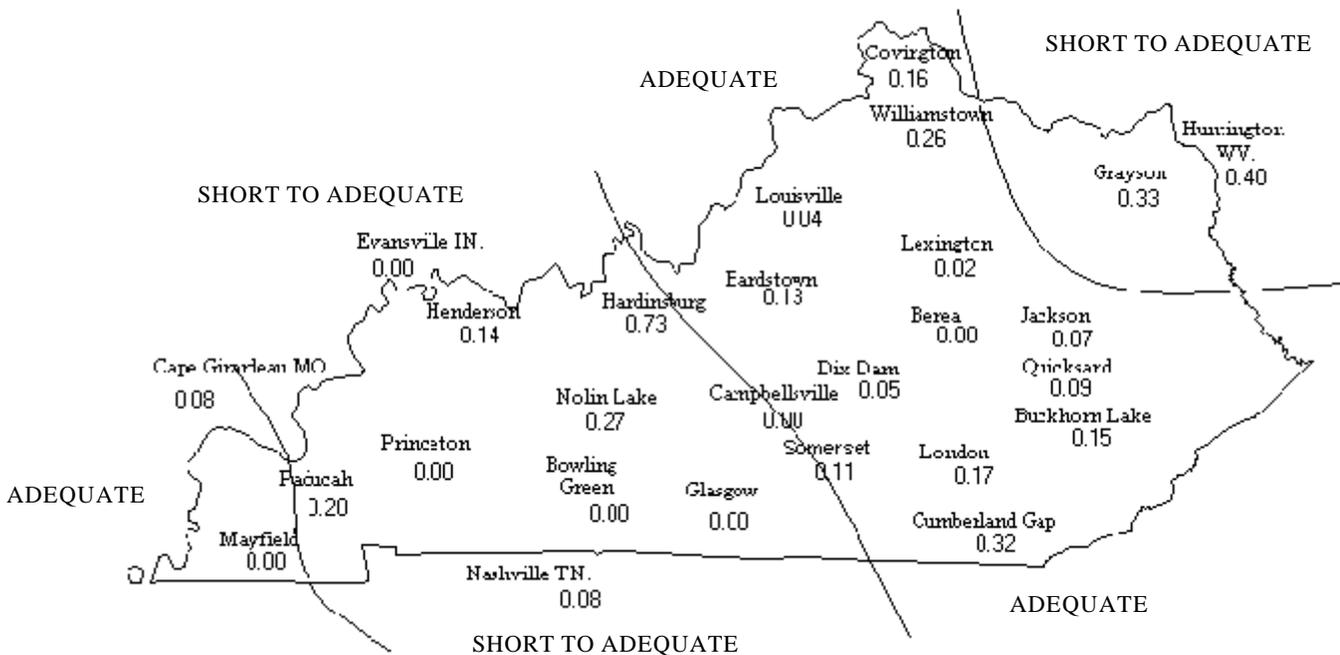
SOIL MOISTURE
WEEK ENDING SEPTEMBER 19, 2003
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	2	0
Short	18	8
Adequate	74	85
Surplus	6	7
SUBSOIL		
Very Short	3	1
Short	16	7
Adequate	74	83
Surplus	7	9

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING SEPTEMBER 19, 2003					WEEK ENDING SEPTEMBER 12, 2003				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	1	4	21	37	37	1	4	17	43	35
Soybeans	0	1	16	49	34	0	1	14	51	34
Pasture	1	3	21	55	20	1	2	21	58	18
Hay Crops	1	2	26	50	21	1	3	25	50	21
Tobacco in Field	4	10	29	44	13	2	9	24	47	18

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, SEPTEMBER 21, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, SEPTEMBER 19, 2003



KENTUCKY WEATHER SUMMARY, SEPTEMBER 15 - 21, 2003:

BELOW NORMAL TEMPERATURES AND RAINFALL:

Temperatures for the period averaged 66 degrees across the State which was 1 degree below normal. High temperatures averaged from 79 in the West to 76 in the East. Departure from normal high temperatures ranged from 2 degrees below normal in the West to 1 degree below normal in the East. Low temperatures averaged from 52 degrees in the West to 56 degrees in the East. Departure from normal low temperature ranged from 5 degrees below normal in the West to 1 degree above normal in the East.

Rainfall for the period totaled 0.14 inches statewide which was 0.67 inches below normal. Rainfall totals by climate division, West 0.07 inches, Central 0.20 inches, Bluegrass 0.08 inches and East 0.21 inches, which was -0.75, -0.65, -0.69 and -0.58 inches respectively from normal. By station, rainfall totals ranged from a low of 0.00 inches at Berea to a high of 0.73 inches at Hardinsburg.

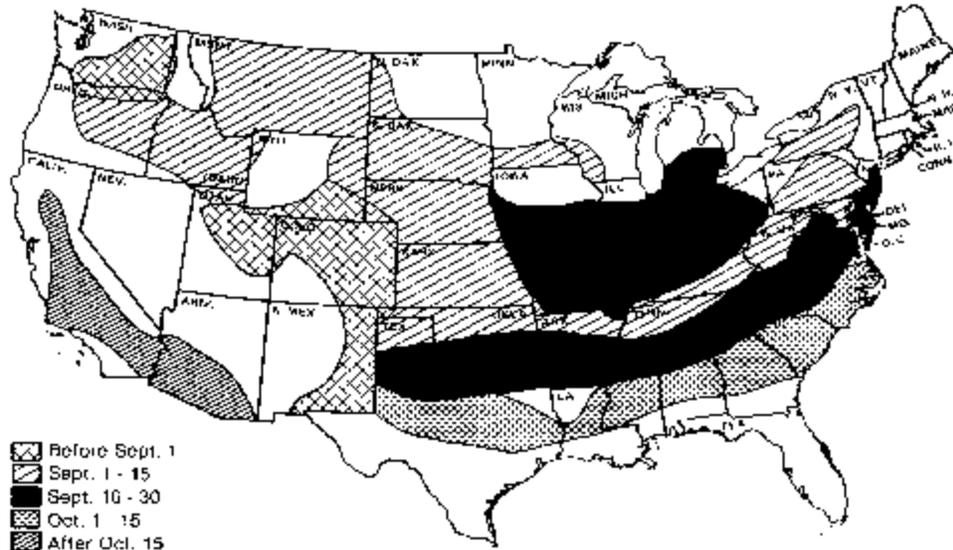
Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, SEPTEMBER 21, 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	0.13	32.28	3.85	+9.10	+0.72	83	44	66.8	-0	119	3323	+63
Berea	0.00	31.59	3.97	+7.36	+0.27	80	50	67.0	+1	118	3366	-8
Bowling Green	0.00	30.02	4.19	+5.74	+0.79	82	48	65.9	-1	109	3505	+101
Bristol	0.54	40.98	4.54	+20.47	+1.54	84	48	66.5	+0	115	3190	+52
Buckhorn Lake	0.15	33.27	3.26	+10.21	-0.13	79	51	66.1	+0	111	3207	+243
Cape Girardeau	0.08	34.05	10.85	+11.43	+7.56	87	42	63.9	-5	101	3473	-85
Campbellsville	0.00	32.48	4.28	+5.20	+0.00	82	48	67.2	+0	119	3507	+163
Covington	0.16	24.40	4.19	+2.92	+1.42	80	43	64.7	-1	105	3041	-47
Cumberland Gap	0.32	37.67	3.95	+12.76	+0.82	80	50	66.9	+1	116	3315	+207
Dix Dam	0.05	32.08	3.84	+8.20	+0.57	81	49	65.7	-0	110	3307	-5
Evansville	0.00	19.57	1.61	-1.92	-1.17	85	44	64.9	-4	106	3380	-25
Glasgow	0.00	34.01	4.40	+7.74	+0.77	84	47	68.0	+1	126	3625	+311
Grayson	0.33	32.27	3.62	+10.00	+0.85	79	49	65.8	-0	110	3177	+243
Hardinsburg	0.73	31.45	8.46	+7.37	+5.05	83	45	64.4	-3	103	3348	-77
Henderson	0.14	31.60	3.53	+9.32	+0.39	84	43	64.7	-4	106	3399	-36
Huntington	0.40	32.70	3.60	+10.31	+0.75	79	49	66.3	+0	114	3157	+39
Jackson	0.07	29.01	3.51	+4.89	+0.14	80	52	66.6	+1	114	3158	+194
Lexington	0.02	30.34	3.58	+7.16	+0.45	80	44	65.4	-1	109	3210	+71
London	0.17	37.32	4.71	+15.01	+1.53	80	48	66.2	+0	113	3187	+100
Louisville	0.04	32.00	6.19	+9.43	+3.18	80	46	65.1	-2	107	3331	-105
Mayfield	0.00	19.81	3.13	-4.72	-0.51	80	50	66.1	-3	111	3328	-158
Nashville	0.08	27.77	4.14	+5.13	+0.97	84	52	70.6	+4	143	3737	+76
Nolin Lake	0.27	30.89	5.74	+5.21	+1.94	83	48	65.1	-2	105	3486	+317
Paducah	0.20	26.63	5.20	+2.52	+1.86	86	44	65.6	-3	110	3536	+9
Princeton	0.00	28.25	5.47	+4.01	+2.23	85	44	66.7	-2	119	3571	+54
Quicksand	0.09	35.35	2.84	+11.23	-0.53	79	52	66.0	-0	111	3220	+256
Somerset	0.11	38.56	4.47	+13.29	+0.78	81	48	66.6	+1	116	3323	+124
Spindletop	0.00	24.54	3.40	+1.36	+0.27	79	45	63.4	-3	96	3106	-33
Williamstown	0.26	28.79	4.44	+5.97	+1.36	80	47	65.9	-0	112	3258	+119

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: 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 14, 2003

CORN MATURE

State	Curr	Last Wk	2002	Avg
CO	38	14	15	24
IL	40	20	41	57
IN	23	7	31	50
IA	50	27	56	58
KS	80	65	69	75
KY	68	60	87	83
MI	2	0	19	28
MN	40	16	20	30
MO	83	67	81	81
NE	25	14	47	47
NC	86	77	91	89
ND	35	18	22	30
OH	6	2	22	27
PA	12	5	39	25
SD	33	14	35	32
TN	91	79	96	93
TX	87	82	85	89
WI	17	0	13	22
18 States	40	23	43	49

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

SOYBEANS DROPPING LEAVES

State	Curr	Last Wk	2002	Avg
AR	20	15	24	26
IL	25	5	25	37
IN	33	12	36	57
IA	39	13	46	36
KS	46	35	40	55
KY	8	3	34	34
LA	46	28	41	59
MI	10	1	28	34
MN	62	28	49	44
MS	70	52	62	66
MO	18	8	25	28
NE	19	10	40	35
NC	8	6	11	13
ND	55	27	57	48
OH	24	12	42	53
SD	66	47	66	57
TN	22	13	29	30
WI	39	*15	27	29
18 States	35	16	39	41

These 18 States planted 96% of last year's soybean acreage.

*Revised.

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.