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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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JOC 30-03

AGRICULTURAL NEWS: Despite two rain events, fall harvest continued to progress with favorable weather conditions across the State. Temperatures for the week averaged 57 degrees, 1 degree below normal. Precipitation for the week totaled 0.72 inches which was 0.06 inches above normal. **Days suitable for fieldwork** averaged 4.7 out of seven. Harvesting corn, soybeans, and seeding wheat were the major farm activities reported. **Topsoil moisture** as of Friday, October 17 was rated 1 percent very short, 5 percent short, 88 percent adequate and 6 percent surplus. **Subsoil moisture** was rated 1 percent very short, 9 percent short, 85 percent adequate, and 5 percent surplus.

CORN: As of October 19, harvest reached 82 percent complete compared with 89 percent last year and the average of 91 percent. Farmers continue to report harvested corn being in good condition. Combining was slowed by showers early and late in the week. Above average yields continue to be reported statewide.

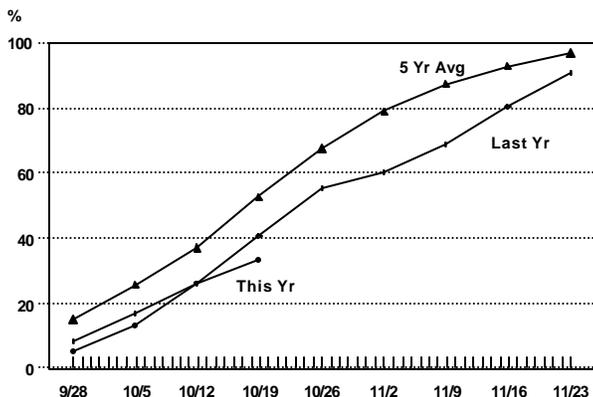
SOYBEANS: Harvest continues to progress with 33 percent combined, behind the 41 percent of last year

the average of 53 percent. As of Sunday, October 19, 99 percent of the acreage had dropped its leaves, the same as in 2002 and just above the average of 98 percent. On Friday, October 17, soybean condition was rated 1 percent poor, 15 percent fair, 49 percent good and 35 percent excellent.

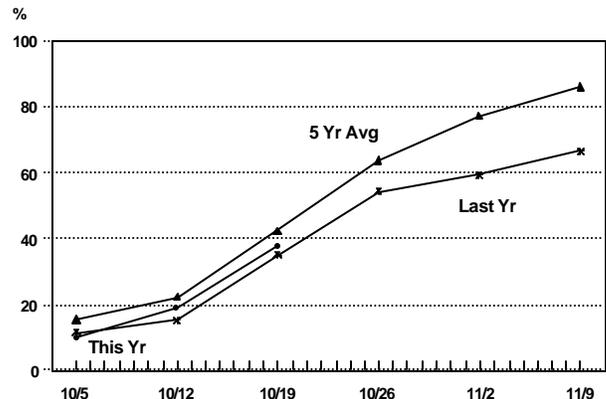
TOBACCO: As of Sunday, October 19, **burley tobacco** in the barn was reported 15 percent stripped compared with 21 percent last year and an average of 17 percent. Condition of housed tobacco on Friday, October 17 was reported as 1 percent very poor, 5 percent poor, 25 percent fair, 54 percent good, and 15 percent excellent. Conditions were favorable for curing during the week with rain on several days providing humidity.

OTHER CROPS: **Pastures** were rated 1 percent very poor, 2 percent poor, 22 percent fair, 58 percent good, and 17 percent excellent. Livestock condition was rated good with favorable fall weather and lush pastures. **Winter wheat** seeding reached 38 percent compared with 35 percent last year, and the average of 42 percent. Seeding is keeping pace as corn acres are harvested.

SOYBEANS HARVESTED PROGRESS



WHEAT PERCENT SEEDING COMPLETE



KENTUCKY CROP PROGRESS
WEEK ENDING OCTOBER 19, 2003
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Shedding Leaves	99	99	98	99	95
Harvested	33	41	53	26	60
Corn					
Harvested	82	89	91	78	39
Burley Tobacco					
Stripped	15	21	17	6	NA
Wheat Seeded	38	35	42	19	74

(NA) Data Not Available.

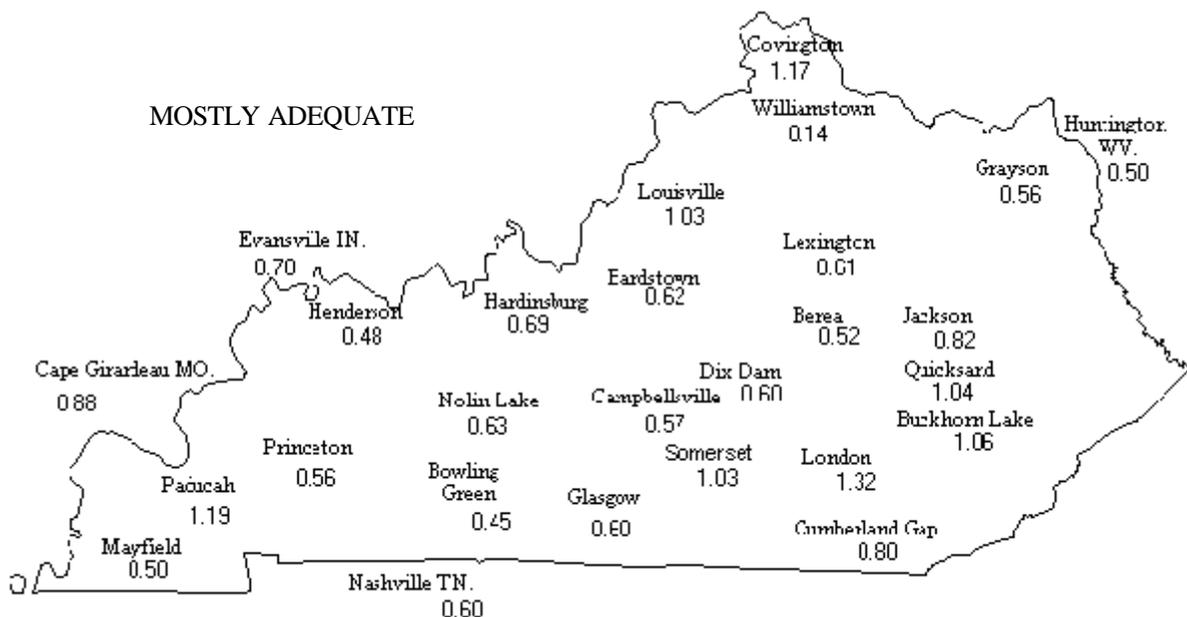
SOIL MOISTURE
WEEK ENDING OCTOBER 17, 2003
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	1	1
Short	5	13
Adequate	88	83
Surplus	6	3
SUBSOIL		
Very Short	1	1
Short	9	15
Adequate	85	82
Surplus	5	2

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING OCTOBER 17, 2003					WEEK ENDING OCTOBER 10, 2003				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Soybeans	0	1	15	49	35	0	2	15	48	35
Pasture	1	2	22	58	17	2	4	21	61	12
Housed Tobacco	1	5	25	54	15	1	3	20	56	20

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, OCTOBER 19, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, OCTOBER 17, 2003



MOSTLY ADEQUATE

KENTUCKY WEATHER SUMMARY, OCTOBER 13 - 19, 2003:

NEAR NORMAL TEMPERATURES AND NEAR NORMAL RAINFALL:

Temperatures and rainfall amounts were near normal this past week. The majority of the rainfall came on Tuesday when a cold front moved through the area bringing strong winds behind it. Scattered showers also moved through the State Friday.

Temperatures for the period averaged 57 degrees across the State which was 1 degree below normal. High temperatures averaged from 71 in the West to 67 in the East. Departure from normal high temperatures ranged from 1 degree below normal in the West to 1 degree below normal in the East. Low temperatures averaged from 45 degrees in the West to 46 degrees in the East. Departure from normal low temperature ranged from 3 degrees below normal in the West to 1 degree above normal in the East.

Rainfall for the period totaled 0.72 inches statewide which was 0.06 inches above normal. Rainfall totals by climate division, West 0.73 inches, Central 0.67 inches, Bluegrass 0.60 inches and East 0.89 inches, which was +0.04, +0.01, -0.02 and +0.22 inches respectively from normal. By station, rainfall totals ranged from a low of 0.14 inches at Williamstown to a high of 1.32 inches at London.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, OCTOBER 19, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Relative Humidity			
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly Avg.	Dev. From Norm	Average			
										High	Low		
	(Inches)			(Degrees Fahrenheit)									
Bardstown	0.62	36.70	4.42	+10.98	+1.88	76	39	56.9	-1	96	57		
Berea	0.52	34.45	2.86	+7.30	-0.06	74	44	59.6	+3	93	58		
Bowling Green	0.45	34.61	4.59	+7.36	+1.62	77	40	57.1	-1	--	--		
Bristol	0.60	42.90	1.92	+19.82	-0.65	78	36	56.6	+0	--	--		
Buckhorn Lake	1.06	36.31	3.04	+10.42	+0.21	75	41	56.6	+0	--	--		
Cape Girardeau	0.88	36.64	2.59	+11.11	-0.32	79	36	56.6	-3	--	--		
Campbellsville	0.57	37.29	4.81	+6.69	+1.49	76	39	58.9	+1	97	61		
Covington	1.17	27.83	3.43	+3.74	+0.81	71	34	54.5	-2	--	--		
Cumberland Gap	0.80	41.19	3.52	+13.34	+0.57	77	38	57.1	+1	96	60		
Dix Dam	0.60	35.65	3.57	+9.00	+0.79	73	41	57.7	+1	--	--		
Evansville	0.78	22.58	3.01	-1.56	+0.36	77	36	57.1	-3	--	--		
Glasgow	0.60	39.95	5.94	+10.67	+2.93	78	37	59.1	+1	99	63		
Grayson	0.56	35.02	2.75	+10.10	+0.09	74	39	56.3	-0	96	60		
Hardinsburg	0.69	35.08	3.63	+8.04	+0.67	75	38	57.4	-0	95	58		
Henderson	0.48	34.73	3.13	+9.71	+0.39	78	37	59.6	-0	96	60		
Huntington	0.50	35.22	2.52	+10.18	-0.13	74	40	56.5	-0	--	--		
Jackson	0.82	32.09	3.08	+5.13	+0.24	75	41	56.8	+0	--	--		
Lexington	0.61	33.83	3.49	+8.11	+0.95	72	33	54.5	-2	--	--		
London	1.32	41.77	4.45	+16.73	+1.71	75	38	55.8	-1	--	--		
Louisville	1.03	35.76	3.76	+10.58	+1.15	77	38	57.2	-1	--	--		
Mayfield	0.50	23.21	3.40	-4.72	-0.00	74	39	56.1	-4	96	60		
Nashville	0.60	34.34	6.57	+9.07	+3.94	78	42	60.1	+2	--	--		
Nolin Lake	0.63	35.43	4.54	+6.54	+1.33	76	39	57.4	-0	--	--		
Paducah	1.19	30.40	3.77	+3.34	+0.82	79	38	58.6	-1	94	54		
Princeton	0.56	31.11	2.86	+4.00	-0.01	79	37	58.9	-1	98	67		
Quicksand	1.04	38.23	2.88	+11.27	+0.04	75	41	56.9	+0	96	60		
Somerset	1.03	43.24	4.68	+14.77	+1.48	76	40	57.1	+0	96	60		
Spindletop	0.57	27.42	2.88	+1.70	+0.34	71	35	55.0	-2	92	56		
Williamstown	0.14	33.26	4.47	+7.65	+1.68	73	34	56.4	-0	96	60		

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.gwax.ca.uky.edu/>

Crop Progress and Condition

Week Ending October 12, 2003

Corn Percent Harvested

Stat	Oct 2003	Prev Week	Prev Year	5-Yr Avg
CO	29	18	19	27
IL	47	32	48	56
IN	24	13	30	40
IA	31	17	20	35
KS	80	71	80	76
KY	78	65	86	88
MI	8	5	25	24
MN	38	19	16	32
MO	75	69	84	75
NE	30	18	29	43
NC	94	91	70	83
ND	32	17	18	24
OH	13	6	21	25
PA	24	10	52	32
SD	32	18	24	29
TN	93	89	94	95
TX	90	85	90	92
WI	20	13	13	21
ALL	39	27	36	44
These 18 States harvested 94% of last year's corn acreage.				

Soybeans Percent Harvested

Stat	Oct 12 2003	Prev Wee	Prev Year	5-Yr Avg.
AR	35	26	28	35
IL	64	38	61	60
IN	44	19	54	59
IA	84	56	58	67
KS	23	10	51	52
KY	26	13	26	37
LA	62	56	46	71
MI	44	11	52	39
MN	89	68	46	74
MS	82	75	54	69
MO	28	13	45	41
NE	70	32	51	62
NC	3	2	7	8
ND	87	60	66	73
OH	46	16	55	63
SD	78	47	44	56
TN	20	15	23	29
WI	54	23	34	42
ALL	60	37	50	58
These 18 States harvested 96% of last year's soybean acreage.				

Winter Wheat Percent Planted

State	Oct 12 2003	Prev Week	Prev Year	5-Yr Avg
AR	21	12	10	11
CA	9	5	9	8
CO	98	95	95	95
ID	87	66	85	76
IL	34	13	60	41
IN	38	12	46	44
KS	78	62	78	73
MI	57	38	71	63
MO	36	14	38	32
MT	92	80	92	82
NE	96	93	95	96
NC	20	10	15	18
OH	43	12	67	63
OK	78	70	77	65
OR	51	46	27	41
SD	93	84	91	89
TX	76	68	68	63
WA	92	76	92	90
ALL	74	63	73	68
These 18 States planted 90% of last year's winter wheat 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.