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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: Temperatures across the State averaged 55 degrees, 4 degrees below normal for this time of year. Rainfall across the State totaled 1.39 inches which was .73 inches above normal. Days suitable for fieldwork averaged 3.1 out of a possible seven days. As of Friday, October 15, **topsoil moisture** was rated 3 percent very short, 18 percent short, 71 percent adequate, and 8 percent surplus. **Subsoil moisture** was rated 6 percent very short, 33 percent short, 57 percent adequate and 4 percent surplus. Main farming activities for the week included corn and soybean harvesting, stripping of tobacco, and fall seeding of wheat.

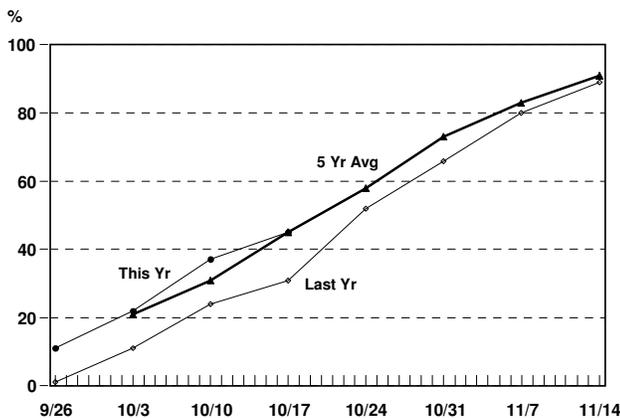
TOBACCO: Producers reported rainfall bringing tobacco into case. This allowed them to resume stripping their tobacco. As of Friday, October 15, housed tobacco condition was 1 percent very poor, 6 percent poor, 17 percent fair, 56 percent good, and 20 percent excellent. The **burley** crop already stripped was 16 percent, ahead of last year's 12 percent and the five year average of 15 percent.

CORN AND SOYBEANS: Rainfall this past week slowed corn and soybean harvesting for the first time.

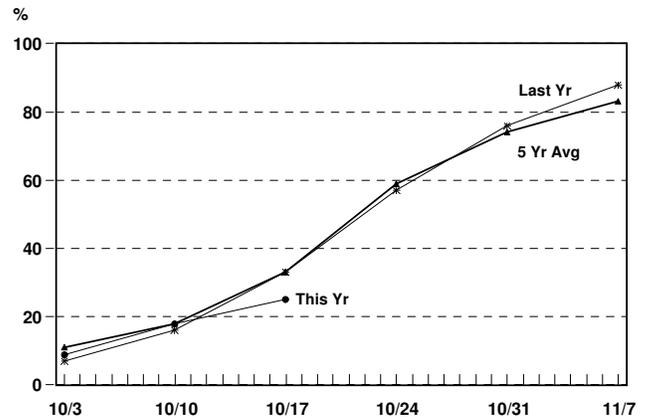
Farmers still report mostly good to excellent corn and soybean yields and quality. Corn harvested was 88 percent, ahead of last year's 81 percent while behind the five year average of 89 percent. As of Sunday, October 17, 93 percent of the soybean crop was dropping leaves, compared with 99 percent last year and 97 percent for the five year average. Soybean harvest reached 45 percent complete, ahead of last year's 31 percent and equal to the five year average. The soybean crop condition was 2 percent very poor, 5 percent poor, 16 percent fair, 41 percent good, and 36 percent excellent.

OTHER CROPS: Farmers reported very little cutting of **hay** and clipping of pastures with the dry weather prior to last week. Range and **pasture** condition was reported at 6 percent very poor, 14 percent poor, 32 percent fair, 37 percent good, and 11 percent excellent. **Wheat** seeding for the 2005 crop was 25 percent complete, behind 33 percent for last year and the five year average. Farmers are waiting for the ground to dry following recent rains before starting again to seed winter wheat.

SOYBEANS HARVESTED PROGRESS



WHEAT PERCENT SEEDING COMPLETE



KENTUCKY CROP PROGRESS
WEEK ENDING OCTOBER 17, 2004
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Shedding Leaves	93	99	97	87	86
Harvested	45	31	45	37	36
Corn					
Harvested	88	81	89	83	23
Burley Tobacco					
Stripped	16	12	15	10	NA
Wheat Seeded	25	33	33	18	58

(NA) Data Not Available.

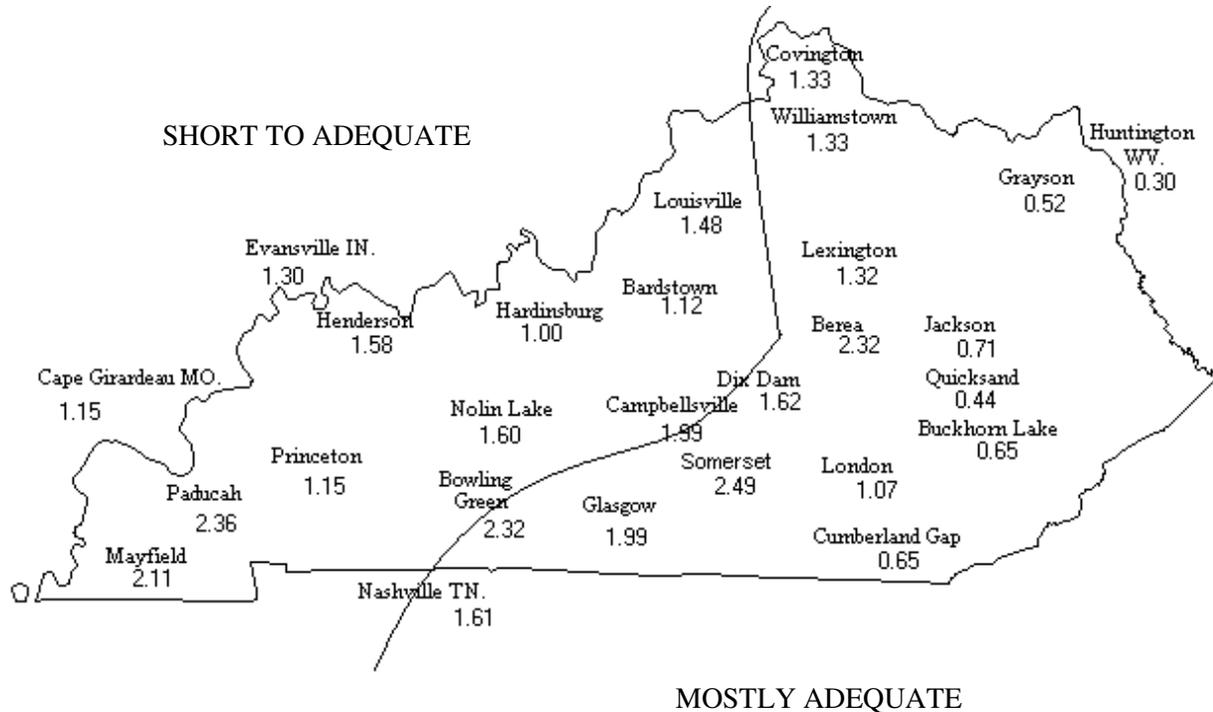
SOIL MOISTURE
WEEK ENDING OCTOBER 15, 2004
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	3	29
Short	18	39
Adequate	71	31
Surplus	8	1
SUBSOIL		
Very Short	6	21
Short	33	34
Adequate	57	43
Surplus	4	2

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING OCTOBER 15, 2004					WEEK ENDING OCTOBER 8, 2004				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Soybeans	2	5	16	41	36	2	10	24	41	23
Pasture	6	14	32	37	11	12	14	28	35	11
Housed Tobacco	1	6	17	56	20	1	4	17	54	24

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, OCTOBER 17, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, OCTOBER 15, 2004



KENTUCKY WEATHER SUMMARY, OCTOBER 11 - 17, 2004:
BELOW NORMAL TEMPERATURES AND ABOVE NORMAL PRECIPITATION:

Clouds and rain during the week kept temperatures below normal and precipitation above normal. The first batch of rain was a result of the remnants of tropical storm Matthew. After a brief respite late in the week, clouds and rain returned to the area again on Friday. Winds were breezy with gusts greater than 30 miles per hour. Sunny and cool weather ended the week. This is the third consecutive week where temperatures have been at or below normal. This is the first week since the middle of September that the average precipitation has been above normal.

Temperatures for the period averaged 55 degrees across the State which was 4 degrees below normal. High temperatures averaged from 63 degrees in the West to 62 degrees in the East. Departure from normal high temperatures ranged from 9 degrees below normal in the West to 6 degrees below normal in the East. Low temperatures averaged from 47 degrees in the West to 47 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. The extreme high temperature was 75 degrees in Henderson, Jackson, Paducah, and Princeton. The extreme low temperature was 33 degrees in London.

Rainfall for the period totaled 1.39 inches statewide which was 0.73 inches above normal. Precipitation totals by climate division, West 1.61 inches, Central 1.59 inches, Bluegrass 1.51 inches and East 0.85 inches, which was 0.92, 0.93, 0.88 and 0.18 inches respectively above normal. By station, precipitation totals ranged from a low of 0.52 inches at Grayson to a high of 2.49 inches at Somerset.

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL
FOR WEEK ENDING SUNDAY, OCTOBER 17, 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			
	(Inches)			(Degrees Fahrenheit)								High	Low
Bardstown	1.12	36.78	1.18	+11.23	-1.40	67	35	54.9	-3	96	53		
Berea	2.32	36.17	2.75	+9.20	-0.25	69	34	53.5	-3	93	57		
Bowling Green	2.32	31.71	2.47	+4.65	-0.55	69	36	56.6	-2	--	--		
Bristol	1.02	28.07	2.47	+5.16	-0.15	79	31	55.4	-2	--	--		
Buckhorn Lake	0.65	27.04	0.70	+1.33	-2.19	69	36	54.9	-2	--	--		
Cape Girardeau	1.15	22.76	1.15	-2.58	-1.80	67	32	54.1	-6	--	--		
Campbellsville	1.99	32.14	2.29	+1.74	-1.14	72	35	56.6	-2	96	56		
Covington	1.33	26.85	1.38	+2.94	-1.24	66	36	52.0	-5	--	--		
Cumberland Gap	0.65	21.92	0.75	-5.72	-2.19	69	36	54.9	-2	96	54		
Dix Dam	1.62	33.22	1.86	+6.75	-0.96	68	35	54.0	-3	--	--		
Evansville	1.30	22.27	1.30	-1.68	-1.36	68	33	53.6	-7	--	--		
Glasgow	1.99	31.72	2.17	+2.63	-0.91	74	35	58.3	+0	99	58		
Grayson	0.52	30.36	0.89	+5.63	-1.76	70	38	53.5	-3	96	54		
Hardinsburg	1.00	26.72	1.05	-0.12	-1.96	69	36	55.3	-3	95	56		
Henderson	1.58	23.80	1.58	-1.04	-1.21	75	36	55.4	-5	96	54		
Huntington	0.30	29.03	0.69	+4.18	-1.96	71	38	53.4	-4	--	--		
Jackson	0.71	39.94	1.16	+13.16	-1.73	75	39	54.5	-2	--	--		
Lexington	1.32	37.08	1.51	+11.53	-1.07	68	35	53.6	-3	--	--		
London	1.07	37.24	1.41	+12.38	-1.38	73	33	54.9	-2	--	--		
Louisville	1.48	32.75	1.50	+7.74	-1.14	68	36	55.0	-3	--	--		
Mayfield	2.11	16.13	2.11	-11.57	-1.33	69	36	54.9	-6	96	54		
Nashville	1.61	29.95	1.76	+4.85	-0.93	75	40	58.9	+1	--	--		
Nolin Lake	1.60	28.72	1.72	+0.03	-1.57	70	36	56.1	-2	--	--		
Paducah	2.36	18.60	2.47	-8.27	-0.53	71	36	54.8	-6	92	48		
Princeton	1.15	25.30	1.15	-1.61	-1.74	75	36	57.1	-3	97	52		
Quicksand	0.44	34.01	0.46	+7.23	-2.43	69	36	54.9	-2	96	54		
Somerset	2.49	34.67	2.90	+6.41	-0.36	74	34	55.8	-1	96	54		
Spindletop	1.12	30.28	1.13	+4.73	-1.45	67	37	52.2	-5	92	54		
Williamstown	1.33	24.58	1.43	-0.84	-1.38	67	36	52.8	-4	96	54		

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/>

Crop Progress and Condition

Week Ending October 10, 2004

Corn Percent Harvested

State	Oct 10 2004	Prev Week	Prev Year	5-Yr Avg
CO	20	12	26	22
IL	64	44	43	52
IN	47	29	21	35
IA	16	8	27	30
KS	64	51	77	75
KY	83	69	74	84
MI	13	5	7	15
MN	4	0	33	25
MO	72	64	73	76
NE	19	13	27	36
NC	95	83	93	80
ND	1	0	28	18
OH	25	11	11	21
PA	49	33	20	28
SD	9	3	28	25
TN	95	91	92	94
TX	80	74	89	90
WI	5	2	18	17
ALL	34	23	35	39
These 18 States harvested 94% of last year's corn acreage.				

Soybeans Percent Harvested

State	Oct 10 2004	Prev Week	Prev Year	5-Yr Avg.
AR	55	43	32	33
IL	70	50	57	55
IN	73	55	37	50
IA	81	49	76	63
KS	52	35	19	44
KY	37	22	22	31
LA	70	66	60	67
MI	40	16	35	32
MN	42	20	83	70
MS	95	91	80	68
MO	39	25	24	36
NE	63	37	59	58
NC	7	3	3	6
ND	51	12	79	69
OH	61	37	37	51
SD	43	10	69	54
TN	37	27	19	26
WI	28	10	45	37
ALL	58	36	54	53
These 18 States harvested 96% of last year's soybean acreage.				

Winter Wheat Percent Planted

State	Oct 10 2004	Prev Week	Prev Year	5-Yr Avg.
AR	7	5	18	11
CA	7	5	8	8
CO	97	91	97	94
ID	68	54	81	72
IL	34	13	28	34
IN	44	25	31	36
KS	70	52	73	74
MI	63	41	52	56
MO	22	10	30	30
MT	92	86	89	81
NE	91	85	95	95
NC	12	10	17	16
OH	58	25	34	51
OK	78	66	76	69
OR	60	44	50	36
SD	87	68	90	88
TX	68	62	74	64
WA	86	73	87	88
ALL	70	58	71	68
These 18 States planted 91% 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.