



KENTUCKY WEEKLY CROP & WEATHER REPORT



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Prepared in Cooperation with:
Univ. of Ky - Agr'l Weather Center
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AGRICULTURAL NEWS: Temperatures warmed up for a taste of Indian summer last week averaging 57 degrees, 4 degrees above normal, with no appreciable rain in the State. Rainfall for the week ending October 31 totaled 0.0 inches for the State. **Days suitable for fieldwork** averaged 5.9 out of a possible six. Kentucky farmers continue seeding wheat while the morning fog and increased night humidity were beneficial to curing of tobacco. Weather conditions are ideal for finishing corn and soybean harvest in the State. The drought conditions in areas of the State continue to pressure wheat and barley seedings as well as pasture growth. Other farming activities last week included working cattle and preparing pastures for winter. **Topsoil moisture** condition as of Friday, October 29, was 28 percent very short, 57 percent short, and 15 percent adequate. **Subsoil moisture** condition was 47 percent very short, 43 percent short, and 10 percent adequate.

TOBACCO: Cool damp mornings early in the week helped curing and stripping of tobacco, but the return of dry warm weather has slowed stripping. Some producers voiced concern over light stripped weights, and bright color. As of Sunday, October 31, 24 percent of the **burley** crop was stripped, compared to 25 percent last year and 23 percent on average. Condition of stripped tobacco was 3 percent very poor, 15 percent poor, 44 percent fair, 33 percent good, and 5 percent excellent. Firing of **dark-fired tobacco**, types 22 and 23, was going good.

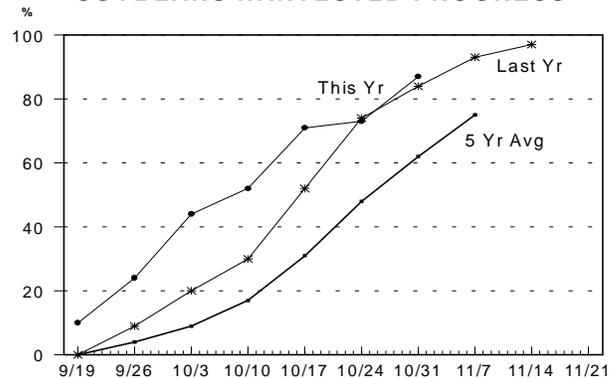
SOYBEANS: As of October 31, 87 percent of the State's soybean crop was harvested, ahead of both last year's 84 percent and the five-year average of 62 percent. Early planted soybeans were reported as yielding only slightly below average, with second crop bean yields severely

depressed. Late beans remaining in the field are maturing rapidly as a frost early in the week ended the growing season in some parts of the State. The warm weather ending the week provided good drying conditions for the remaining crop.

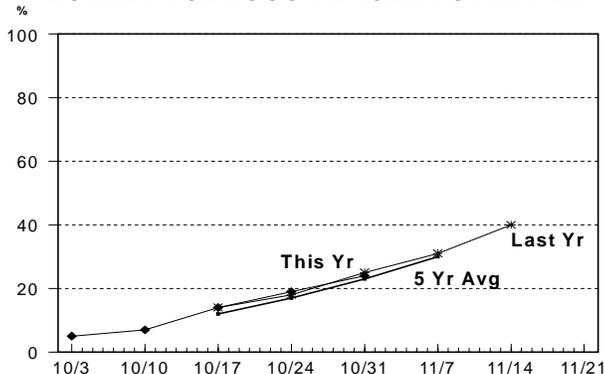
CORN: Harvest is nearly complete as of October 31, as 99 percent of the corn for grain had been harvested. This was ahead of both last year at 96 percent and the five-year average of 89 percent.

OTHER CROPS: **Winter wheat** seeding was 87 percent complete. Progress was above the 78 percent for last year and 77 percent for the five-year average. Rain is needed to ensure a good germination rate of newly seeded wheat, and to invigorate emerged seedlings. **Pastures** continue to be stressed even with the recent rainfall and the cooler temperatures. Pasture condition this past week was rated 14 percent very poor, 39 percent poor, 35 percent fair, and 12 percent good. Pastures are rebounding after the drought, but grazing pressures are forcing farmers to feed hay.

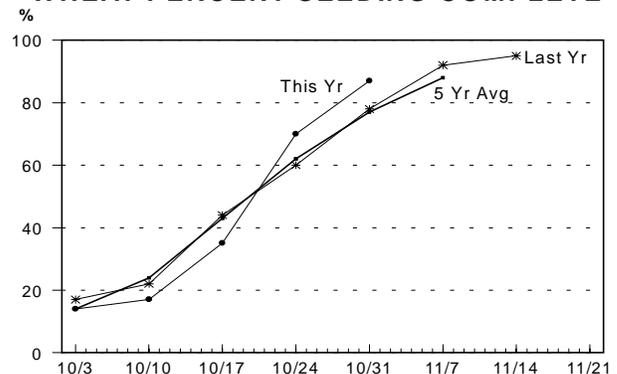
SOYBEANS HARVESTED PROGRESS



BURLEY TOBACCO PERCENT STRIPPED



WHEAT PERCENT SEEDING COMPLETE



KENTUCKY CROP PROGRESS
WEEK ENDING OCTOBER 31, 1999
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans Harvested	87	84	62	73	86
Corn Harvested	99	96	89	98	77
Burley Tobacco Stripped	24	25	23	19	NA
Wheat Seeded	87	78	77	70	86

(NA) Data Not Available

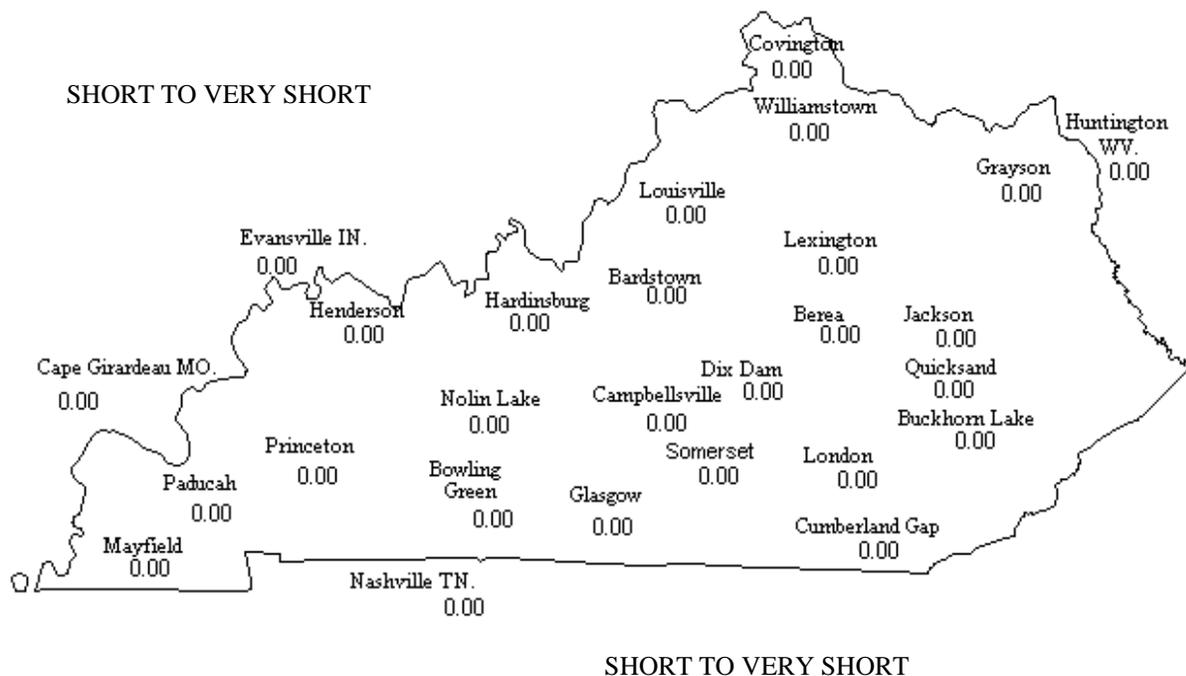
SOIL MOISTURE
WEEK ENDING OCTOBER 29, 1999
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	28	18
Short	57	48
Adequate	15	34
Surplus	0	0
SUBSOIL		
Very Short	47	40
Short	43	47
Adequate	10	13
Surplus	0	0

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING OCTOBER 29, 1999					WEEK ENDING OCTOBER 22, 1999				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Fall Wheat Seeded	1	6	32	52	9	0	4	31	58	7
Pasture	14	39	35	12	0	16	35	36	12	1
Quality of Stripped Tobacco	3	15	44	33	5	3	15	44	31	7

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, OCTOBER 31, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, OCTOBER 29, 1999



KENTUCKY WEATHER SUMMARY, OCTOBER 25 - 31, 1999:

ABOVE NORMAL Temperatures and BELOW NORMAL Rainfall:

The workweek started cool and dry with Monday morning frost and many locations reporting mid-to-upper 20's for lows. By Tuesday, a warming trend provided very mild but continued dry conditions in the Commonwealth for the remainder of the week with near RECORD high temperatures and the final week of October 1999.

Temperatures for this past week averaged 57 degrees across the State which was 4 degrees ABOVE NORMAL and 8 degrees warmer than the previous week. High temperatures averaged from 76 in the West to 72 in the East. Departure from normal high temperatures were 9 degrees ABOVE NORMAL across the State. Low temperatures averaged from 42 degrees in the West to 38 degrees in the East. Departure from normal low temperature ranged from 2 degrees BELOW NORMAL in the West to 3 degrees BELOW NORMAL in the East. Extreme high temperatures were in the low 80's and extreme low temperatures were in the mid 20's. Most locations reported four out of seven evenings with relative humidity maximums of 90 percent or greater. Dewpoint temperatures increased from a low of 30 degrees on Monday to near 60 degrees on Sunday. No measurable rainfall occurred leaving the State 0.66 inches BELOW NORMAL for the week and very little rainfall since the Oct 9th Statewide rain event. Rainfall totals by climate division, West 0.00 inches, Central 0.00 inches, Bluegrass 0.00 inches and East 0.00 inches, which was 0.69, 0.66, 0.63 and 0.68 inches respectively BELOW NORMAL. All weather stations, reported no rainfall (0.00") last week.

Tom Priddy

**KENTUCKY TEMPERATURES AND RAINFALL
FOR WEEK ENDING SUNDAY, OCTOBER 31, 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	0.00	17.07	2.43	-9.64	+0.11	77	31	57.4	+4	93	44		
Berea	0.00	19.75	2.43	-8.48	-0.10	76	30	56.5	+4	91	43		
Bowling Green	0.00	16.39	2.82	-12.03	+0.09	80	27	56.5	+3	--	--		
Bristol	0.00	19.62	2.11	-4.46	-0.23	78	26	52.6	+1	--	--		
Buckhorn Lake	0.00	17.63	2.15	-9.35	-0.40	77	26	54.1	+2	--	--		
Cape Girardeau	0.00	16.03	2.30	-10.66	-0.41	83	24	59.1	+3	--	--		
Campbellsville	0.00	18.47	2.37	-13.35	-0.48	79	28	56.8	+3	92	42		
Covington	0.00	17.64	3.49	-7.56	+0.91	78	28	56.1	+4	--	--		
Cumberland Gap	0.00	19.25	2.08	-9.88	-0.90	80	29	54.9	+3	92	44		
Dix Dam	0.00	17.15	2.14	-10.49	-0.44	78	31	56.6	+5	--	--		
Evansville	0.00	20.28	2.80	-4.97	+0.21	80	26	57.6	+2	--	--		
Glasgow	0.00	15.74	1.79	-14.71	-0.93	81	28	59.3	+6	93	42		
Grayson	0.00	19.52	1.96	-6.56	-0.74	78	29	57.0	+5	90	43		
Hardinsburg	0.00	18.66	2.18	-9.56	-0.57	82	33	60.1	+7	87	46		
Henderson	0.00	21.26	3.66	-4.84	+1.15	83	27	59.4	+4	87	41		
Huntington	0.00	17.57	3.35	-8.62	+0.68	76	27	53.6	+2	--	--		
Jackson	0.00	22.03	3.06	-6.06	+0.43	76	32	58.7	+7	--	--		
Lexington	0.00	14.99	1.64	-11.72	-0.68	77	30	57.1	+5	--	--		
London	0.00	19.00	3.10	-7.11	+0.61	76	28	54.2	+2	--	--		
Louisville	0.00	20.87	2.84	-5.36	+0.39	80	33	59.4	+6	--	--		
Mayfield	0.00	19.55	2.05	-9.78	-1.21	82	29	58.5	+3	90	45		
Nashville	0.00	20.92	2.04	-5.36	-0.33	82	30	59.2	+6	--	--		
Nolin Lake	0.00	19.48	2.84	-10.64	-0.02	81	30	58.0	+5	--	--		
Paducah	0.00	24.32	4.07	-3.90	+1.36	83	28	60.8	+5	91	45		
Princeton	0.00	23.31	3.27	-4.98	+0.52	83	27	60.6	+5	90	49		
Quicksand	0.00	21.97	2.05	-6.12	-0.58	77	26	52.7	+1	99	42		
Somerset	0.00	24.63	2.16	-5.11	-0.79	77	26	54.6	+3	91	44		
Spindletop	0.00	12.36	1.91	-14.35	-0.41	77	31	57.9	+6	91	48		
Williamstown	0.00	13.86	2.39	-12.91	-0.31	81	29	58.5	+6	81	42		

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (606)257-3000 ext 245. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

Crop Progress and Condition

Week Ending October 24, 1999

Corn Percent Harvested

State	Oct 24 1999	Prev Week	Prev Year	5-Yr Avg
CO	36	19	62	54
GA	100	100	99	97
IL	85	72	71	66
IN	84	70	65	51
IA	86	58	67	56
KS	83	67	91	83
KY	98	96	94	83
MI	60	45	58	32
MN	78	48	78	58
MO	84	76	78	71
NE	74	53	73	54
NC	85	80	100	92
OH	67	56	50	36
PA	37	33	51	41
SD	44	25	53	43
TX	97	94	98	96
WI	63	43	55	38
ALL	77	59	70	57

These 17 States harvested 92% of last year's corn acreage.

Soybeans Percent Harvested

State	Oct 24 1999	Prev Week	Prev Year	5-Yr Avg.
AL	53	44	47	36
AR	59	43	59	50
GA	19	14	21	16
IL	92	75	83	86
IN	92	82	87	85
IA	98	90	92	93
KS	80	58	66	71
KY	73	71	74	48
LA	95	90	92	80
MI	87	65	74	72
MN	96	91	94	91
MS	90	82	90	73
MO	74	58	65	63
NE	96	88	86	89
NC	15	13	19	13
OH	87	81	91	83
SC	10	6	10	7
SD	89	58	84	84
TN	63	49	53	35
ALL	86	74	80	78

These 19 States harvested 93% of last year's soybean acreage.

Winter Wheat Percent Planted

State	Oct 24 1999	Prev Week	Prev Year	5-Yr Avg.
AR	40	23	38	40
CA	5	4	2	6
CO	100	99	100	99
GA	7	3	9	9
ID	90	82	93	89
IL	88	66	80	82
IN	84	67	79	82
KS	97	93	92	95
MI	92	83	87	91
MO	67	46	44	61
MT	97	95	97	94
NE	99	99	99	100
NC	25	20	29	30
OH	91	82	95	90
OK	92	84	76	87
OR	61	27	81	77
SD	98	96	100	99
TX	71	67	75	80
WA	93	92	97	96
ALL	86	79	82	86

These 19 States planted 91% of last year's winter wheat acreage.

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