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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

Released weekly April through November

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JSL 25-03

AGRICULTURAL NEWS: Dry weather and warm days allowed farmers to get out in the fields until the weekend showers. Days suitable for fieldwork averaged 6.0 out of a possible seven days. Harvesting hay, corn, silage, and tobacco continued to be the main activities on the farm this week. As of Friday, September 12, **topsoil moisture** was rated 8 percent short, 85 percent adequate, and 7 percent surplus. **Subsoil moisture** was rated 1 percent very short, 7 percent short, 83 percent adequate and 9 percent surplus.

TOBACCO: Cut tobacco was rated mostly fair to good. A few reporters noted that Blue mold is still a problem for tobacco remaining in the field. Condition of tobacco was 2 percent very poor, 9 percent poor, 24 percent fair, 47 percent good, and 18 percent excellent. Foggy weather last week helped tobacco cure. Some houseburn in tobacco curing in the barns was reported. Well over half of the burley crop had been harvested with 66 percent cut. Last year the rate was 79 percent, with the 5 year average at 81 percent. Sixty-four percent of the **dark tobacco** had been cut, compared to 79 percent for both 2002 and the 5 year average.

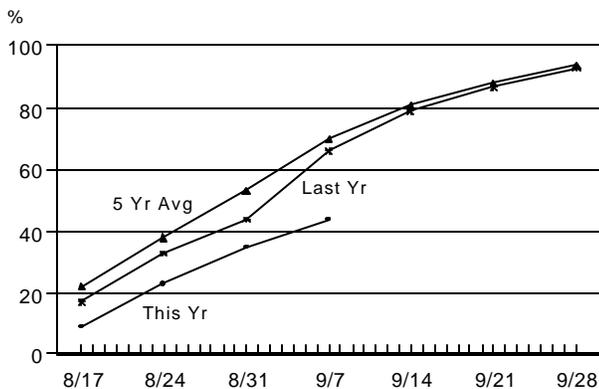
CORN: Farmers got a boost toward harvesting their crop as the heat continued to dry the corn crop down. Reports on corn crop yields continued to point toward an above average crop. As of Friday, September 12, corn condition was

reported as 1 percent very poor, 4 percent poor, 17 percent fair, 43 percent good, and 35 percent excellent. Ninety-two percent of the corn crop was dented, compared to 98 percent for both one year ago and the 5 year average. Approximately 68 percent of the corn crop was mature. In 2002, 87 percent was mature, with 83 percent for the 5 year average. Corn harvesting reached 22 percent, compared to 45 percent last year and 38 percent for the 5 year average.

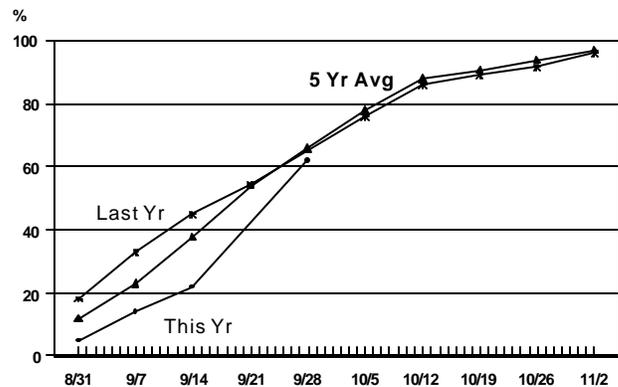
SOYBEANS: The recent rains that have hindered corn harvesting have helped double crop beans develop. Disease is present in some fields, but overall it is not a problem. Crop condition was 1 percent poor, 14 percent fair, 51 percent good, and 34 percent excellent. Twenty-six percent of the soybean fields have turned yellow, compared to 52 percent last year, and 55 percent for the 5 year average. As of Friday, September 12, 8 percent of the soybean crop was shedding leaves, compared with 34 percent for both last year, and the 5 year average.

OTHER CROPS: **Hay** continued to be cut, and yields have been above average. Condition of the hay was reported as 1 percent very poor, 3 percent poor, 25 percent fair, 50 percent good, and 21 percent excellent. **Pastures** were still in good condition unlike last year when some farmers were forced to feed hay in early September. Pasture condition was reported at 1 percent very poor, 2 percent poor, 21 percent fair, 58 percent good, and 18 percent excellent.

BURLEY TOBACCO PERCENT CUT PROGRESS



CORN HARVESTED PROGRESS



KENTUCKY CROP PROGRESS
WEEK ENDING SEPTEMBER 14, 2003
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Turning Yellow	26	52	55	12	NA
Shedding Leaves	8	34	34	3	16
Corn					
Dent Stage	92	98	98	88	74
Mature	68	87	83	60	23
Harvested	22	45	38	14	NA
Burley Tobacco Cut	66	79	81	44	NA
Dark Tobacco Cut	64	79	79	45	NA

(NA) Data Not Available.

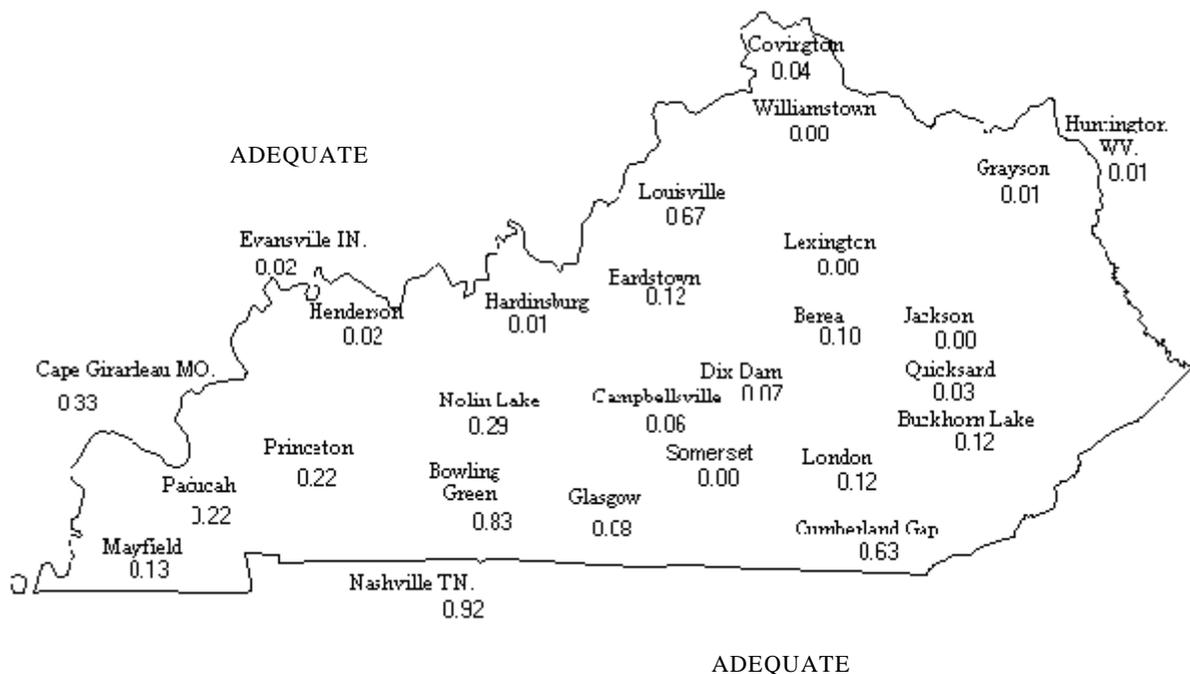
SOIL MOISTURE
WEEK ENDING SEPTEMBER 12, 2003
WITH COMPARISONS

	This Week	Previous Week
TOPSOIL		
Very Short	0	0
Short	8	2
Adequate	85	57
Surplus	7	41
SUBSOIL		
Very Short	1	0
Short	7	5
Adequate	83	63
Surplus	9	32

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING SEPTEMBER 12, 2003					WEEK ENDING SEPTEMBER 5, 2003				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	1	4	17	43	35	1	4	26	40	29
Soybeans	0	1	14	51	34	0	1	17	55	27
Pasture	1	2	21	58	18	0	3	19	55	23
Hay Crops	1	3	25	50	21	0	2	22	52	24
Tobacco in Field	2	9	24	47	18	2	7	25	47	19

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, SEPTEMBER 14, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, SEPTEMBER 12, 2003



KENTUCKY WEATHER SUMMARY, SEPTEMBER 8 - 14, 2003:

ABOVE NORMAL TEMPERATURE AND BELOW NORMAL RAINFALL:

A dry workweek and first part of the weekend which followed two previous very wet weeks. Temperatures continued the trend of near to above normal temperatures from the previous four weeks. Rainfall on Sunday was mostly light and very scattered. Early morning fog was reported daily during the workweek.

Temperatures for the 7 day period averaged 71 degrees across the State which was 2 degrees above normal and similar to the previous week. High temperatures averaged from 83 in the West to 80 in the East. Departure from normal high temperatures ranged from near normal in the West to 1 degree above normal in the East. Low temperatures averaged from 61 degrees in the West to 59 degrees in the East. Departure from normal low temperature ranged from 2 degrees above normal in the West to 1 degree above normal in the East.

Rainfall for the week totaled 0.16 inches statewide which was 0.64 inches below normal. Rainfall totals by climate division, West 0.16 inches, Central 0.33 inches, Bluegrass 0.04 inches and East 0.11 inches, which was -0.66, -0.52, -0.74 and -0.67 inches respectively from normal. By station, rainfall totals ranged from a low of 0.00 inches at Jackson to a high of 0.83 inches at Bowling Green.

Tom Priddy

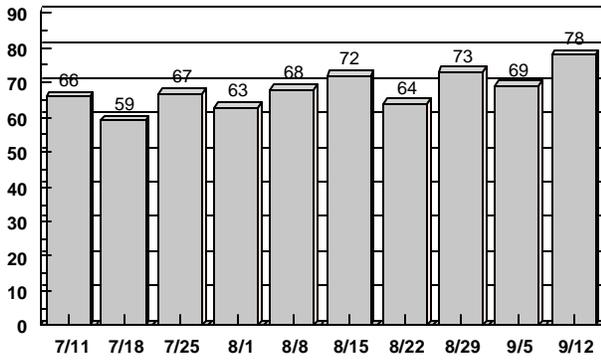
KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, SEPTEMBER 14, 7:00 P.M.

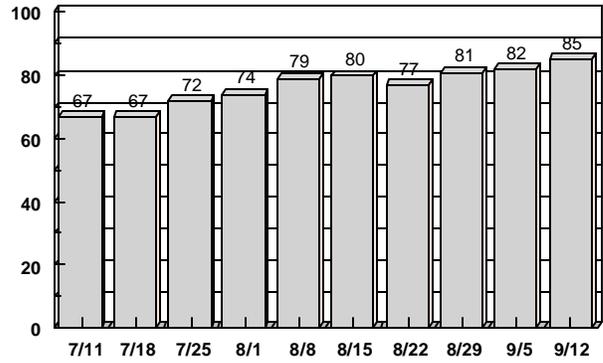
Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)			(Degrees Fahrenheit)								
Bardstown	0.12	32.15	5.82	+9.72	+2.55	86	55	71.3	+2	148	3204	+70
Berea	0.10	31.59	3.97	+8.29	+0.30	82	58	70.7	+3	144	3248	+7
Bowling Green	0.83	30.02	4.64	+6.60	+1.32	84	56	71.6	+3	149	3396	+125
Bristol	0.77	40.44	4.00	+20.69	+1.05	84	51	67.9	-0	124	3075	+63
Buckhorn Lake	0.12	33.12	3.15	+10.91	-0.21	81	57	69.3	+1	134	3096	+251
Cape Girardeau	0.33	33.97	10.77	+12.18	+7.53	87	56	71.8	+1	150	3372	-53
Campbellsville	0.06	32.48	4.74	+6.28	+0.51	84	58	71.9	+3	152	3388	+177
Covington	0.04	24.24	4.98	+3.44	+2.12	82	59	70.6	+3	142	2936	-33
Cumberland Gap	0.63	37.35	3.73	+13.16	+0.34	83	55	69.4	+1	133	3199	+217
Dix Dam	0.07	32.03	4.55	+8.95	+1.20	83	57	70.4	+2	140	3197	+18
Evansville	0.02	19.57	1.64	-1.23	-1.15	86	57	72.4	+2	155	3274	+2
Glasgow	0.08	34.01	5.35	+8.64	+1.71	86	58	73.3	+4	160	3499	+318
Grayson	0.01	31.94	3.53	+10.32	+0.55	82	54	68.5	+1	129	3067	+252
Hardinsburg	0.01	30.72	7.96	+7.50	+4.55	86	55	71.0	+2	145	3245	-40
Henderson	0.02	31.46	3.39	+9.99	+0.34	84	56	71.6	+1	150	3293	-9
Huntington	0.01	32.30	3.46	+10.56	+0.37	83	53	68.2	+0	125	3043	+44
Jackson	0.00	28.94	3.49	+5.64	+0.04	81	58	69.9	+2	137	3044	+199
Lexington	0.00	30.32	3.89	+7.89	+0.62	82	56	69.9	+2	137	3101	+88
London	0.12	37.15	4.55	+15.66	+1.43	81	56	68.9	+1	130	3074	+106
Louisville	0.67	31.96	6.45	+10.13	+3.38	85	59	71.9	+3	151	3224	-79
Mayfield	0.13	19.71	3.03	-3.89	-0.55	83	58	70.6	-0	143	3217	-129
Nashville	0.92	27.69	4.53	+5.85	+1.38	87	60	73.7	+5	164	3594	+80
Nolin Lake	0.29	30.62	5.84	+5.92	+2.18	85	56	71.6	+3	150	3381	+338
Paducah	0.22	26.43	5.30	+3.18	+2.07	87	55	72.3	+1	153	3426	+32
Princeton	0.22	28.45	5.82	+4.99	+2.46	87	58	72.9	+2	158	3450	+73
Quicksand	0.03	35.26	2.80	+11.96	-0.65	81	58	69.9	+2	137	3109	+264
Somerset	0.00	38.45	4.40	+14.11	+0.76	82	58	69.9	+2	138	3207	+134
Spindletop	0.01	24.54	3.58	+2.11	+0.31	83	54	69.4	+1	135	3010	-3
Williamstown	0.00	28.53	5.31	+6.45	+2.14	85	58	71.5	+4	148	3146	+133

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/>

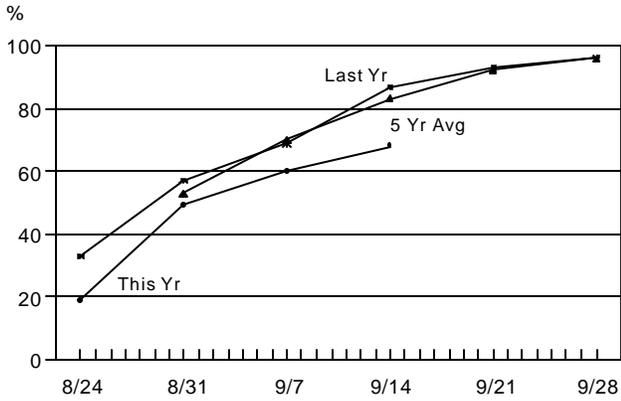
CORN CONDITION
% Good to Excellent



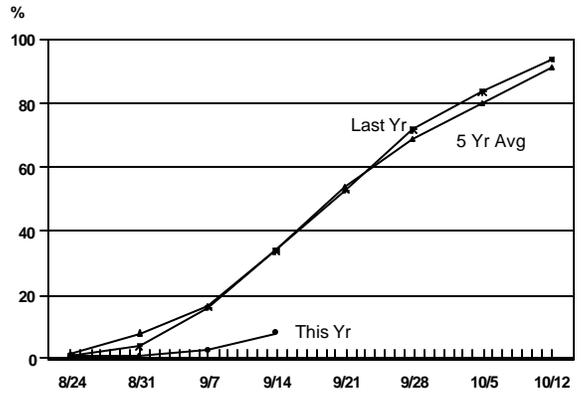
SOYBEAN CONDITION
% Good to Excellent



CORN MATURE OR BEYOND PROGRESS



SOYBEANS SHEDDING LEAVES OR BEYOND



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.