



Kentucky Agricultural Statistics Service
 P.O. Box 1120
 Louisville, Kentucky 40201-1120
 (502) 582-5293 or 1-800-928-5277

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

LELAND E. BROWN, State Statistician

Issued 4:00 P.M., August 18, 2003

KBM 21-03

AGRICULTURAL NEWS: Farmers were able to get a little more fieldwork accomplished last week as showers subsided for much of Kentucky last week. Days suitable for fieldwork averaged 4.9 out of a possible seven days. Main farm activities included, topping, spraying and cutting tobacco, harvesting hay, clipping pastures and preparing harvest equipment. Topsoil moisture as of Friday, August 15 was rated 8 percent short, 73 percent adequate and 19 percent surplus. Subsoil moisture was rated 9 percent short, 74 percent adequate and 17 percent surplus.

CORN: As of Sunday, August 17, 90 percent of the corn was in the milk stage or beyond, which was behind last year's average of 97 percent and the 5 year average of 96 percent. Seventy percent of the corn has reached the dough stage or beyond, compared to 80 percent last year and the 5 year average of 81 percent. Forty-two percent of the corn was dented, compared with 58 percent last year and 55 percent on average. The corn crop is in mostly good to excellent condition, with 1 percent very poor, 5 percent poor, 22 percent fair, 43 percent good, and 29 percent excellent.

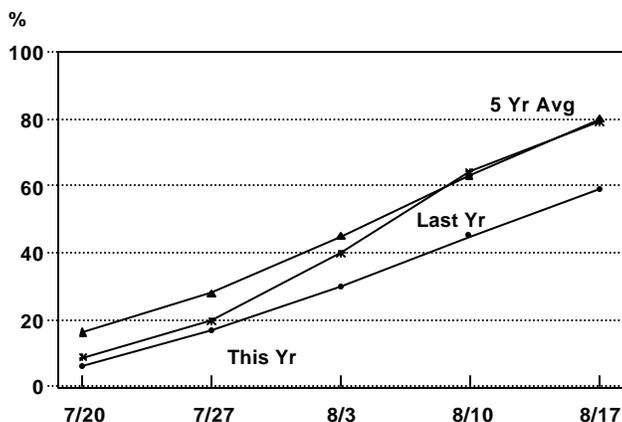
SOYBEANS: Condition of the soybean crop improved and was rated 2 percent poor, 18 percent fair, 52 percent good, and 28 percent excellent. As of Sunday, August 17, 78 percent of the soybeans were blooming, compared to 79 percent a year ago and 83 percent on average. About

half were setting pods, compared with 57 percent last year, and the five-year average of 61 percent.

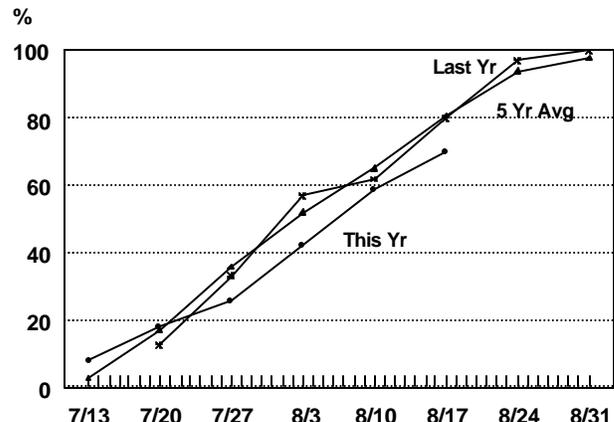
TOBACCO: Blue mold was on a lot of reporters minds last week. The impact of blue mold seems to be highly variable. There were about as many remarks that damage was light or moderate as there were that some fields were badly damaged by the disease. Less rain and hotter temperatures are needed to slow the progress of the disease. Black shank damage appears to be minimal to moderate. Insect damage has been minimal. As of Sunday, August 17, the condition of set tobacco was reported as 3 percent very poor, 11 percent poor, 25 percent fair, 42 percent good, and 19 percent excellent. About 9 percent of burley tobacco has been cut, behind both last year's 17 percent and the 5 year average of 22 percent. Fifty-nine percent of burley tobacco was topped, also behind both last year's 79 percent and the 5 year average of 80 percent. Dark tobacco reported topped was 85 percent, compared with 97 percent for 2002 and the 5 year average of 93 percent. Dark tobacco cut was 8 percent, behind both last year's 19 percent and the 5 year average of 21 percent.

OTHER CROPS: Hay harvest picked up last week in most areas. It is still a challenge to harvest hay and clip pastures in some eastern Kentucky areas where the ground remains saturated. The condition both of pastures and the hay crop was rated the same at 3 percent poor, 20 percent fair, 57 percent good, and 20 percent excellent.

BURLEY TOBACCO PERCENT TOPPED



CORN PERCENT DOUGH OR BEYOND



KENTUCKY CROP PROGRESS
WEEK ENDING AUGUST 17, 2003
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Blooming	78	79	83	66	90
Setting Pods	50	57	61	37	62
Corn					
Milk Stage	90	97	96	78	NA
Dough Stage	70	80	81	59	35
Dent Stage	42	58	55	30	9
Burley Tobacco					
Topped	59	79	80	45	NA
Cut	9	17	22	NA	NA
Dark Tobacco					
Topped	85	97	93	74	NA
Cut	8	19	21	NA	NA

SOIL MOISTURE
WEEK ENDING AUGUST 15, 2003
WITH COMPARISONS

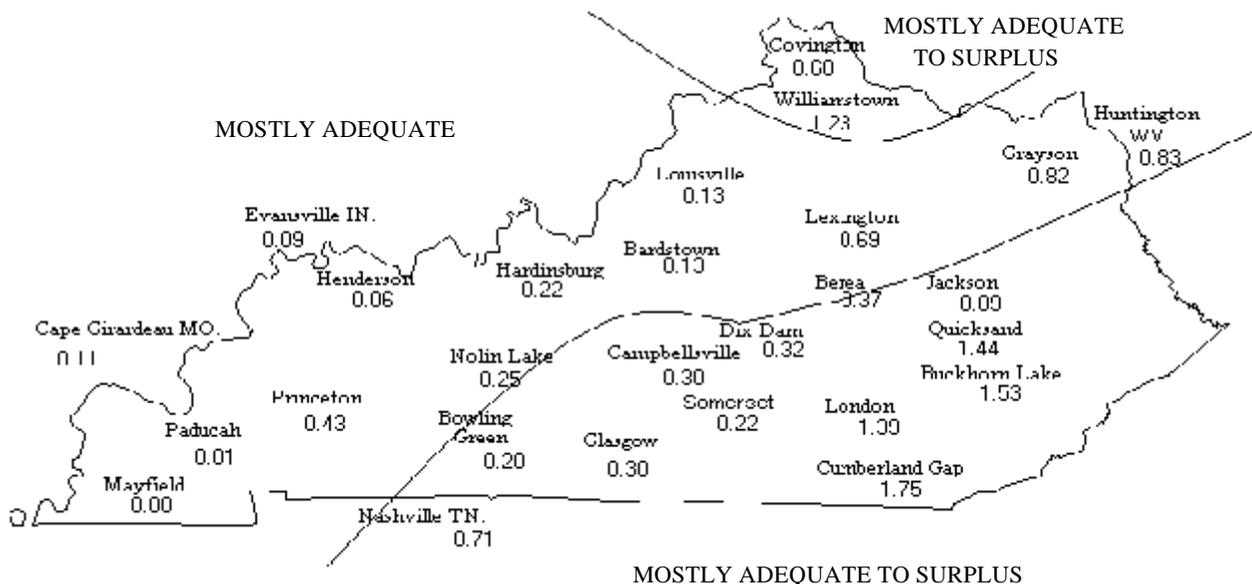
	This Week	Previous Week
TOPSOIL		
Very Short	0	0
Short	8	4
Adequate	73	72
Surplus	19	24
SUBSOIL		
Very Short	0	0
Short	9	7
Adequate	74	70
Surplus	17	23

(NA) Data Not Available.

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING AUGUST 15, 2003					WEEK ENDING AUGUST 8, 2003				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	1	5	22	43	29	1	6	25	39	29
Soybeans	0	2	18	52	28	1	2	18	49	30
Pasture	0	3	20	57	20	0	2	17	61	20
Hay Crops	0	3	20	57	20	0	3	19	57	21
Tobacco	3	11	25	42	19	2	12	29	40	17

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, AUGUST 17, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, AUGUST 15, 2003



KENTUCKY WEATHER SUMMARY, AUGUST 11 - 17, 2003:

ABOVE NORMAL TEMPERATURES AND BELOW NORMAL RAINFALL:

A daily dose of scattered showers and thunderstorms were the rule last week as a weak upper-level low pressure system stalled in the lower Ohio Valley. The concentration of activity was in the Bluegrass and Eastern sections of the State with West and Central receiving below normal rainfall for the period. It was the warmest week since the beginning of July and the first week with above normal temperatures in 5 weeks for the entire State.

Temperatures for the period averaged 77 degrees across the State which was 3 degrees above normal and 3 degrees warmer than the previous week. High temperatures averaged from 88 in the West to 85 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 67 degrees in the West to 68 degrees in the East. Departure from normal low temperature ranged from 3 degrees above normal in the West to 5 degrees above normal in the East. Extreme high temperatures were in the low 90's and extreme low temperatures were near 60 degrees.

Rainfall for the period totaled 0.58 inches statewide which was 0.27 inches below normal. Rainfall totals by climate division, West 0.12 inches, Central 0.20 inches, Bluegrass 0.87 inches and East 1.11 inches, which was -0.67, -0.64, +0.01 and +0.24 inches respectively from normal. By station, rainfall totals ranged from a low of 0.01 inches at Paducah to a high of 1.93 inches at Lexington's (UK Spindletop Research Farm).

Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, AUGUST 17, 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	26.33	5.12	+7.16	+1.19	91	62	76.9	+2	180	2559	-1
Berea	0.37	27.62	3.44	+7.99	-0.32	89	63	77.3	+4	184	2593	-46
Bowling Green	0.20	25.38	4.51	+5.29	+0.90	91	61	77.9	+3	184	2714	+45
Bristol	2.41	36.44	12.12	+19.64	+8.85	88	63	75.6	+2	174	2453	+15
Buckhorn Lake	1.53	29.97	7.58	+11.12	+3.86	88	61	76.2	+3	180	2465	+152
Cape Girardeau	0.11	23.20	2.40	+4.66	-0.77	96	60	78.3	+2	183	2698	-111
Campbellsville	0.30	27.74	5.81	+5.77	+1.40	92	63	78.4	+4	188	2708	+99
Covington	0.68	19.26	3.52	+1.31	+0.18	90	61	76.6	+3	182	2315	-94
Cumberland Gap	1.75	33.62	9.55	+12.83	+5.31	89	63	76.6	+3	181	2550	+142
Dix Dam	0.32	27.48	4.32	+7.75	+0.42	90	62	77.2	+4	183	2557	-20
Evansville	0.09	17.93	3.49	-0.08	+0.35	94	63	78.3	+2	186	2597	-73
Glasgow	0.30	28.66	7.27	+6.93	+3.18	93	63	79.1	+5	187	2798	+219
Grayson	0.82	28.41	6.17	+9.76	+2.39	89	62	76.6	+3	182	2448	+179
Hardinsburg	0.22	22.76	4.87	+2.95	+1.10	91	60	76.9	+2	178	2588	-81
Henderson	0.06	28.07	6.68	+9.64	+3.49	92	61	76.9	+1	177	2635	-65
Huntington	0.83	28.84	6.70	+10.19	+2.79	89	63	76.9	+3	182	2431	-8
Jackson	0.89	25.45	5.17	+5.60	+1.11	88	61	75.8	+2	177	2414	+101
Lexington	0.69	26.43	4.32	+7.26	+0.39	89	61	76.9	+3	184	2472	+33
London	1.39	32.60	8.96	+14.22	+5.46	88	62	76.2	+3	180	2450	+42
Louisville	0.13	25.51	4.58	+6.75	+1.04	91	62	77.4	+3	183	2570	-117
Mayfield	0.00	16.68	1.50	-3.34	-2.19	89	62	77.1	+1	183	2558	-172
Nashville	0.71	23.16	4.32	+4.47	+1.01	93	65	79.7	+5	195	2862	+6
Nolin Lake	0.25	24.78	4.89	+3.74	+1.04	91	61	78.0	+4	186	2702	+233
Paducah	0.01	21.13	2.29	+1.11	-1.03	97	62	78.1	+2	183	2752	-26
Princeton	0.43	22.63	5.32	+2.53	+1.60	94	63	78.3	+2	184	2757	+10
Quicksand	1.44	32.46	6.42	+12.61	+2.36	88	61	76.1	+2	179	2476	+163
Somerset	0.22	34.05	6.02	+13.35	+2.14	89	62	77.0	+3	181	2560	+61
Spindletop	1.93	20.96	4.37	+1.79	+0.44	89	59	75.5	+2	175	2392	-47
Williamstown	1.23	23.22	6.19	+4.31	+2.54	91	61	76.9	+3	181	2515	+76

CROP PROGRESS PERCENT FOR WEEK ENDING AUGUST 10, 2003

SOYBEANS SETTING PODS

State	Curr	Last Wk	2002	Avg
AR	63	47	66	56
IL	57	36	68	77
IN	44	27	50	69
IA	75	53	90	85
KS	57	42	60	66
KY	37	19	47	50
LA	74	68	88	90
MI	50	23	62	65
MN	86	50	78	75
MS	95	87	89	91
MO	41	26	46	52
NE	69	37	76	70
NC	24	7	33	30
ND	83	60	95	89
OH	52	33	48	70
SD	70	45	76	70
TN	39	24	69	56
WI	56	29	59	57
18 States	62	40	69	71

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

CORN SILKING

State	Curr	Last Wk	2002	Avg
CO	96	86	87	87
IL	98	92	98	99
IN	91	82	94	97
IA	96	87	99	98
KS	99	97	98	99
KY	99	88	99	97
MI	86	57	88	91
MN	99	98	98	98
MO	97	93	98	99
NE	96	93	98	98
NC	100	94	100	99
ND	97	86	96	97
OH	93	80	88	96
PA	69	54	82	84
SD	90	71	90	90
TN	100	99	100	99
TX	100	98	100	99
WI	81	60	87	90
18 States	95	86	96	97

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

CORN DOUGH

State	Curr	Last Wk	2002	Avg
CO	25	19	19	20
IL	53	31	57	64
IN	30	17	33	56
IA	20	5	39	34
KS	67	53	68	70
KY	59	42	62	65
MI	2	0	4	13
MN	17	0	26	21
MO	74	57	77	77
NE	39	17	61	55
NC	74	50	91	84
ND	25	7	46	43
OH	24	9	23	45
PA	21	4	36	41
SD	18	7	36	39
TN	93	80	92	88
TX	90	79	88	88
WI	13	4	23	26
18 States	35	19	45	48

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

CROP CONDITION PERCENT FOR WEEK ENDING AUGUST 10, 2003

SOYBEANS

State	VP	P	F	G	EX
AR	3	10	29	43	15
IL	1	6	22	48	23
IN	5	9	27	47	12
IA	2	5	19	54	20
KS	8	22	46	23	1
KY	1	2	18	49	30
LA	10	20	33	34	3
MI	1	4	19	57	19
MN	2	6	26	55	11
MS	0	1	16	47	36
MO	14	24	34	25	3
NE	9	17	33	32	9
NC	1	3	28	62	6
ND	2	5	20	55	18
OH	3	8	30	43	16
SD	1	4	20	54	21
TN	1	2	17	61	19
WI	2	5	18	55	20
18 States	4	9	25	46	16
Prev Week	3	8	26	47	16
Prev Year	9	17	32	35	7

VP - Very Poor P - Poor F - Fair G - Good EX - Excellent

CORN

State	VP	P	F	G	EX
CO	5	9	18	42	26
IL	1	5	16	48	30
IN	5	9	25	48	13
IA	1	5	18	52	24
KS	16	26	35	20	3
KY	1	6	25	39	29
MI	1	4	17	57	21
MN	2	6	23	54	15
MO	18	23	31	23	5
NE	9	12	25	37	17
NC	1	3	16	56	24
ND	2	6	21	56	15
OH	3	8	26	42	21
PA	3	6	22	41	28
SD	2	6	20	46	26
TN	2	3	16	54	25
TX	12	19	30	33	6
WI	3	7	22	51	17
18 States	4	9	22	45	20
Prev Week	3	8	22	47	20
Prev Year	13	18	30	31	8

VP - Very Poor P - Poor F - Fair G - Good EX - Excellent

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.