



# KENTUCKY WEEKLY CROP & WEATHER REPORT



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

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

Released weekly April through November

Issued 4:00 P.M., September 5, 2000

JCV 24-00

**AGRICULTURAL NEWS:** Scattered showers were received throughout the State this past week with heavier rainfall in eastern Kentucky. Days suitable for fieldwork averaged 5.6 out of a possible 6. Farmers were busy cutting and housing tobacco, baling hay, clipping pastures, seeding cover crops, chopping corn silage, and harvesting corn.

**Topsoil moisture** as of Friday, September 1 was rated 4 percent very short, 22 percent short, 70 percent adequate, and 4 percent surplus. **Subsoil moisture** was rated 9 percent very short, 21 percent short, 66 percent adequate, and 4 percent surplus.

**CORN:** As of September 3, 65 percent of the corn was mature compared to 71 percent last year and 39 percent on average. The corn harvest has reached 9 percent, mostly in the western part of the State. This compares to 31 percent last year and the average of 6 percent. Good to excellent yields are being reported. The condition of the corn crop was reported as 5 percent poor, 17 percent fair, 42 percent good, and 36 percent excellent.

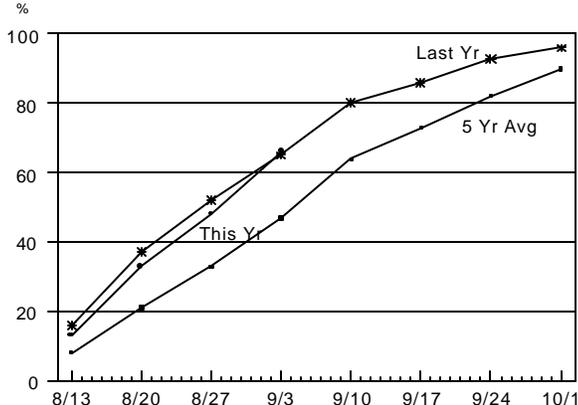
**SOYBEANS:** Crop condition as of September 1 was reported as 1 percent very poor, 2 percent poor, 20 percent fair, 47 percent good, and 30 percent excellent. Nineteen percent of the crop is turning yellow compared to 38 percent last year and the five year average of 17 percent. Soybeans shedding leaves were reported at 8 percent

compared to 19 percent last year and 8 percent on average. Expected soybean yields range from good to excellent. A few reports were received of soybean fields suffering from sudden death syndrome. At this time, farmers are unsure of its impact on the soybean yield.

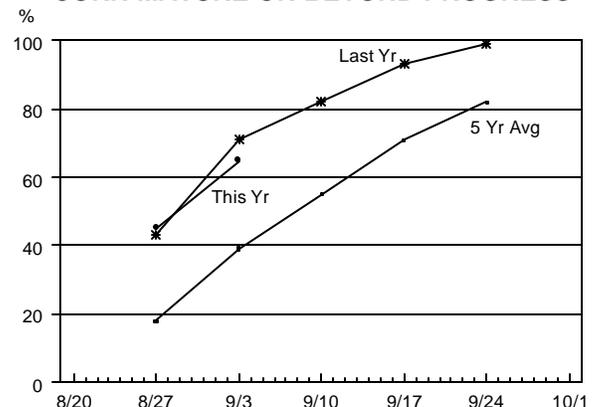
**TOBACCO:** The tobacco harvest continues to progress throughout the State. As of Sunday, September 3, 66 percent of the **burley tobacco** was cut compared to 65 percent last year and 47 percent on average. **Dark tobacco** cut was reported at 56 percent compared to 72 percent last year and the five year average of 59 percent. Crop condition was reported as 2 percent very poor, 5 percent poor, 18 percent fair, 52 percent good and 23 percent excellent. Good to excellent yields are being reported. Labor shortages for tobacco work in some areas of the State continue to be reported. No reports of blue mold in tobacco were received. Some houseburn was reported in 27 percent of the barns, but it was considered generally light.

**OTHER CROPS:** The final cutting and baling of the hay crop was in full swing. **Hay** crops were reported as 2 percent very poor, 5 percent poor, 21 percent fair, 53 percent good, and 19 percent excellent. **Pasture** condition as of Friday, September 1 was rated 2 percent very poor, 7 percent poor, 24 percent fair, 52 percent good and 15 percent excellent.

**BURLEY TOBACCO PERCENT CUT PROGRESS**



**CORN MATURE OR BEYOND PROGRESS**



**KENTUCKY CROP PROGRESS**  
WEEK ENDING SEPTEMBER 3, 2000  
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week	
				KY	U.S.
Percentage					
Soybeans					
Setting Pods	94	86	86	85	95
Turning Yellow	19	38	17	11	NA
Shedding Leaves	8	19	8	3	7
Corn					
Dent Stage	97	96	86	90	57
Mature	65	71	39	45	13
Harvested	9	31	6	4	NA
Burley Tobacco Cut	66	65	47	48	NA
Dark Tobacco Cut	56	72	59	37	NA

(NA) Data Not Available.

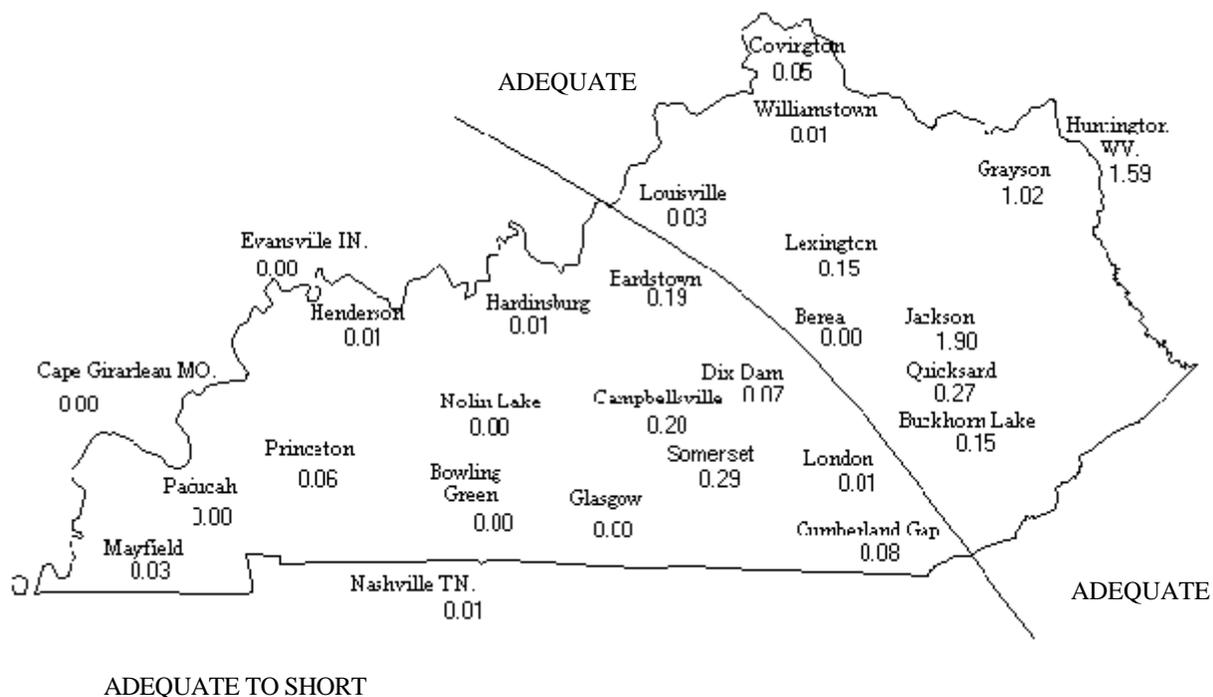
**SOIL MOISTURE**  
WEEK ENDING SEPTEMBER 1, 2000  
WITH COMPARISONS

	This Week	Previous Week
<b>TOPSOIL</b>		
Very Short	4	4
Short	22	20
Adequate	70	71
Surplus	4	5
<b>SUBSOIL</b>		
Very Short	9	10
Short	21	20
Adequate	66	66
Surplus	4	4

**KENTUCKY CROP CONDITIONS (Percent)**

CROP	WEEK ENDING SEPTEMBER 1, 2000					WEEK ENDING AUGUST 25, 2000				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Corn	0	5	17	42	36	0	4	18	42	36
Soybeans	1	2	20	47	30	0	5	21	48	26
Pasture	2	7	24	52	15	2	5	23	53	17
Hay Crops	2	5	21	53	19	2	4	21	54	19
Tobacco in Field	2	5	18	52	23	1	4	14	60	21

**PRECIPITATION MAP FOR WEEK ENDING SUNDAY, SEPTEMBER 3, 7:00 P.M.**  
**TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, SEPTEMBER 1, 2000**



**KENTUCKY WEATHER SUMMARY, AUGUST 28 - SEPTEMBER 3, 2000:**

**ABOVE NORMAL TEMPERATURES AND BELOW NORMAL RAINFALL:**

Temperatures for the period averaged 78 degrees across the State which was 6 degrees ABOVE NORMAL. High temperatures averaged from 92 in the West to 85 in the East. Departure from normal high temperatures ranged from 7 degrees ABOVE NORMAL in the West to 3 degrees ABOVE NORMAL in the East. Low temperatures averaged from 69 degrees in the West to 65 degrees in the East. Departure from normal low temperature ranged from 7 degrees ABOVE NORMAL in the West to 5 degrees ABOVE NORMAL in the East. On Aug. 26 the Palmer Drought index showed Central and Western regions in a MILD hydrological drought with the Bluegrass in INCIPIENT drought and East continuing to be under MOIST SPELL conditions. The Crop Moisture Index for the same time continued to indicate adequate short term moisture for agriculture purposes.

Rainfall for the period totaled 0.22 inches statewide which was 0.61 inches BELOW NORMAL. Precipitation totals by climate division, West 0.02 inches, Central 0.04 inches, Bluegrass 0.15 inches and East 0.66 inches, which was 0.78, 0.81, 0.67 and 0.17 inches respectively BELOW NORMAL. By station, precipitation totals ranged from a low of 0.00 inches at Berea to a high of 1.90 inches at Jackson.

Tom Priddy

**KENTUCKY TEMPERATURES AND RAINFALL  
FOR WEEK ENDING SUNDAY, SEPTEMBER 3, 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	Dev. Last Since Week Apr. 1	Since Apr. 1	
	(Inches)					(Degrees Fahrenheit)						
Bardstown	0.19	17.40	3.18	-3.86	-0.31	92	65	78.0	+7	186	3077	+141
Berea	0.00	24.84	2.96	+3.01	-0.66	87	56	74.9	+4	169	2994	-38
Bowling Green	0.00	17.53	1.83	-4.52	-1.37	92	66	79.2	+8	190	3212	+150
Bristol	0.10	19.52	3.35	+0.96	+0.47	85	58	73.9	+3	165	2858	+44
Buckhorn Lake	0.15	27.33	4.71	+6.46	+1.40	87	59	74.3	+4	169	2994	+336
Cape Girardeau	0.00	13.42	2.10	-7.06	-1.07	97	65	74.6	+1	158	3164	-52
Campbellsville	0.18	24.90	2.18	+0.41	-1.97	90	65	76.8	+6	180	3162	+160
Covington	0.05	20.09	2.90	+0.34	-0.09	90	62	77.2	+7	182	2813	+31
Cumberland Gap	0.08	20.29	3.38	-2.77	-0.42	90	60	75.7	+5	173	3107	+323
Dix Dam	0.07	19.91	2.79	-1.92	-0.70	89	60	76.1	+6	176	3006	+36
Evansville	0.00	20.45	4.82	+0.74	+2.01	91	68	79.8	+7	193	3097	+34
Glasgow	0.00	21.90	2.01	-2.04	-1.63	93	65	78.5	+7	183	3294	+322
Grayson	1.02	22.19	4.62	+1.57	+1.32	86	62	74.9	+4	171	2916	+288
Hardinsburg	0.01	19.23	3.28	-2.66	-0.13	91	67	79.1	+8	190	3221	+156
Henderson	0.01	19.16	2.27	-1.05	-0.63	93	63	79.3	+6	189	3246	+153
Huntington	1.59	22.20	5.54	+1.49	+2.08	86	61	74.7	+4	171	2896	+84
Jackson	1.90	28.93	4.71	+6.92	+1.12	86	63	74.8	+4	171	2926	+268
Lexington	0.15	18.74	2.77	-2.52	-0.72	89	60	76.2	+6	178	2959	+144
London	0.01	19.72	2.65	-0.50	-0.37	87	62	75.1	+5	173	2958	+177
Louisville	0.03	19.80	2.44	-0.88	-0.73	89	66	77.9	+7	188	3124	+30
Mayfield	0.03	12.60	0.92	-9.55	-2.57	99	65	79.1	+6	186	3158	+32
Nashville	0.01	20.05	1.52	-0.54	-1.61	93	65	79.7	+8	193	3422	+139
Nolin Lake	0.00	18.93	2.47	-4.22	-0.98	92	66	78.9	+8	187	3219	+374
Paducah	0.00	19.04	1.59	-2.86	-1.47	99	66	81.6	+8	191	3285	+100
Princeton	0.06	20.37	1.52	-1.87	-2.05	99	68	82.6	+9	198	3421	+264
Quicksand	0.27	31.93	4.99	+9.92	+1.40	86	59	74.1	+4	167	3000	+342
Somerset	0.30	28.16	1.93	+5.29	-1.63	87	63	75.8	+5	176	3091	+216
Spindletop	0.65	17.81	3.29	-3.45	-0.20	87	62	75.6	+5	177	2911	+96
Williamstown	0.01	21.19	3.41	+0.28	+0.08	89	61	76.3	+6	179	3003	+188

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 PERCENT FOR WEEK ENDING AUGUST 27, 2000

### CORN DENTED

State	Curr	Last Wk	1999	Avg
CO	49	10	15	17
IL	68	52	70	45
IN	68	47	70	39
IA	64	33	57	33
KS	77	58	66	56
KY	90	63	83	72
MI	7	3	40	22
MN	34	21	47	31
MO	90	78	81	68
NE	64	52	45	34
NC	82	70	80	84
ND	63	46	42	40
OH	41	25	57	28
PA	26	18	38	28
SD	42	27	39	27
TN	85	74	95	88
TX	92	87	77	87
WI	13	5	36	24
18 States	57	40	57	39

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

### SOYBEAN SETTING PODS

State	Curr	Last Wk	1999	Avg
AR	84	72	85	77
IL	97	94	94	89
IN	98	94	98	90
IA	100	99	100	98
KS	94	93	84	86
KY	85	68	82	72
LA	99	98	99	97
MI	82	74	99	94
MN	100	98	99	98
MS	100	98	100	94
MO	93	87	82	78
NE	100	96	95	94
NC	60	50	62	62
ND	100	100	100	100
OH	97	90	100	94
SD	96	92	93	94
TN	80	73	84	75
WI	91	73	92	81
18 States	95	91	94	90

These 18 States planted 95% of last year's soybean acreage.

## CROP CONDITION FOR WEEK ENDING AUGUST 27, 2000

### CORN

State	VP	P	F	G	EX
CO	5	13	31	38	13
IL	1	4	16	45	34
IN	1	3	17	52	27
IA	3	7	24	43	23
KS	8	15	32	37	8
KY	0	4	18	42	36
MI	2	8	22	58	10
MN	2	6	24	52	16
MO	0	2	16	60	22
NE	17	14	28	32	9
NC	1	7	20	53	19
ND	3	5	18	58	16
OH	2	5	18	45	30
PA	0	3	14	53	30
SD	5	10	23	40	22
TN	6	11	24	38	21
TX	0	4	30	55	11
WI	1	4	19	52	24
18 States	4	7	22	45	22
Prev Week	4	7	20	46	23
Prev Year	4	10	29	43	14

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

### SOYBEANS

State	VP	P	F	G	EX
AR	13	23	32	25	7
IL	1	5	22	47	25
IN	2	6	24	52	16
IA	3	8	26	44	19
KS	15	24	33	26	2
KY	0	5	21	48	26
LA	28	28	29	14	1
MI	3	7	27	54	9
MN	3	8	25	50	14
MS	13	25	28	27	7
MO	1	9	24	52	14
NE	20	23	34	21	2
NC	1	2	17	70	10
ND	7	15	26	44	8
OH	4	10	25	43	18
SD	2	10	22	43	23
TN	4	20	33	37	6
WI	0	2	18	50	30
18 States	5	11	26	43	15
Prev Week	4	10	24	45	17
Prev Year	6	14	33	37	10

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

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