



# Minnesota Ag News – Crop Weather

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COOPERATING WITH THE MN DEPARTMENT OF AGRICULTURE, NATIONAL WEATHER SERVICE - CHANHASSEN MN,  
UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, AND USDA-NRCS

## GOOD WEATHER AIDS SOYBEAN HARVEST

Minnesota's soybean harvest progressed rapidly this past week, according to USDA, NASS, Minnesota Field Office. Nearly 40 percent of the soybean crop was harvested during the week ending October 5. The majority of the corn crop had reached the mature stage of development. Canola and sweet corn harvests were nearly complete.

The average temperature for the week was 50.5°, 1.8° below normal. Statewide topsoil moisture supplies as of Friday, October 3<sup>rd</sup> were 7 percent very short, 22 short, 66 adequate, and 5 surplus. Statewide, on average, there were 6.0 days suitable for fieldwork during the week.

As of Sunday, October 5<sup>th</sup>, 70 percent of the corn was mature, compared to 98 percent last year, and 86 percent average. Three percent of the corn crop was harvested, compared to 22 percent last year and 11 percent average. Soybeans were 98 percent dropping leaves compared to 100 percent last year and 97 percent average. Eighty-five percent of the soybeans were mature, compared to 97 percent last year and 89 percent average. Soybean harvest reached 46 percent, compared to 64 percent last year and 50 percent average.

Sugarbeet harvest was at 38 percent complete, compared to 35 percent last year and 36 percent average. Sweet corn and canola harvests were 96 percent complete.

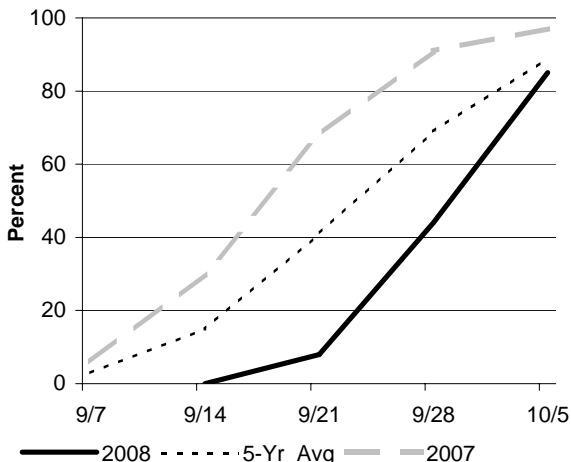
As of Friday, October 3<sup>rd</sup>, 66 percent of corn and 61 percent of soybeans were rated in good or excellent condition. Seventy-eight percent of sunflowers and sugarbeets, and 40 percent of pasture were rated in good or excellent condition.

Days Suitable for Fieldwork: 6.0				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	7	22	66	5

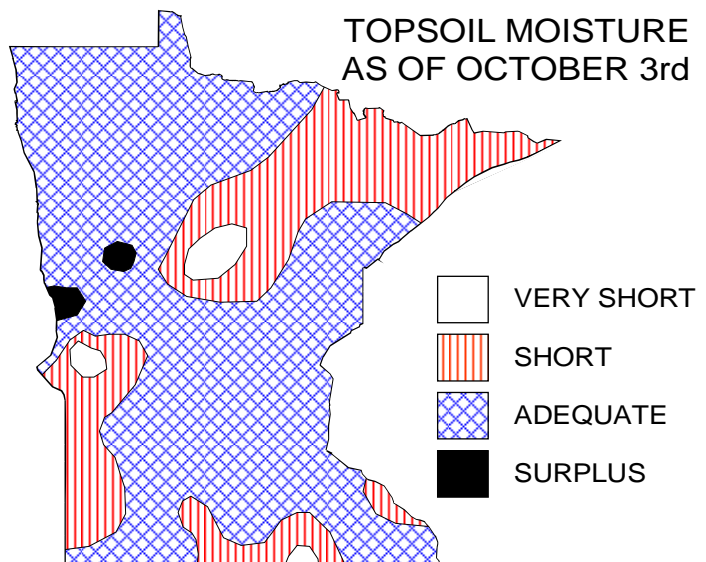
Crop Progress as of October 5, 2008					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Mature	70	41	98	86
	Harvested	3	1	22	11
	Moisture	28	N/A	21	23
Corn Silage	Harvested	92	80	97	90
Soybeans	Dropping Leaves	98	86	100	97
	Mature	85	44	97	89
	Harvested	46	8	64	50
	Moisture	13	13	12	13
Sugarbeets	Harvested	38	9	35	36
Potatoes	Harvested	73	56	79	76
Sweet Corn	Harvested	96	91	100	98
Canola	Harvested	96	85	100	98
Dry Beans	Harvested	90	69	83	78
Sunflowers	Harvested	2	0	14	10

Crop Condition as of October 3, 2008					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Corn	3	7	24	54	12
Soybeans	4	8	27	52	9
Sugarbeets	2	2	18	37	41
Sunflowers	1	4	17	63	15
Pasture	8	19	33	35	5

SOYBEANS MATURE  
SEPTEMBER 7 - OCTOBER 5



TOPSOIL MOISTURE  
AS OF OCTOBER 3<sup>rd</sup>



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING October 5, 2008:  
 Temperatures averaged from 3.2 degrees below normal in the Northeast District to 1.1 degrees above normal in the Southwest District. Extremes: 20 degrees in International Falls; 76 degrees in Canby, Browns Valley. Precipitation averaged from 0.55 inch below normal in the Northeast District to 0.04 inch above normal in the West Central District. Greatest weekly total was 1.21 inches recorded in Staples.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website; <http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 9/29/2008 through 10/5/2008

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Since Norm 4/1	Since May 14	Depart from Norm
<u>NW DIST 1</u>										
Crookston	68	32	50.8	.1	.74	.27	.48	1.09	2024	-145
Moorhead	74	34	51.5	-.3	.67	.18	.78	6.70	2248	-30
Warroad	63	30	47.0	-1.2	0	-.51	.05	2.34	1742	-143
<u>NC DIST 2</u>										
Grand Rapids	64	27	46.6	-2.9	.12	-.56	.62	-.42	1949	53
Intl. Falls	62	20	44.2	-3.3	.03	-.54	.30	1.40	1578	-182
Itasca	66	28	46.5	-.9	0	-.64	-.09	1.04	1815	42
<u>NE DIST 3</u>										
Duluth	60	28	46.2	-3.0	.12	-.61	.06	1.17	1657	-39
Grand Marais	63	27	47.4	-2.3	.23	-.47	.74	6.51	1240	-115
Hibbing	61	22	43.8	-4.1	.10	-.57	-.22	-1.78	1639	-88
<u>WC DIST 4</u>										
Alexandria	68	37	49.8	-1.8	.33	-.22	.47	-1.61	2180	-10
Browns Valley	76	34	52.6	-.6	.46	.05	.53	3.32	2328	-95
Canby	76	35	53.6	-1.8	.49	-.02	-.97	-2.99	2518	-47
Dalton	67	34	50.6	-2.3	.16	-.32	1.03	1.35m	2332	61
Fergus Falls	71	35	50.9	-.7	.80	.32	.85	.77	2195	-24
Montevideo	73	35	52.9	-.9	.98	.51	1.06	-2.36	2389	-38
Morris	73	33	51.4	-1.3	.13	-.39	.59	-2.29	2233	-113
<u>CENT DIST 5</u>										
Becker	69	33	49.8	-2.3	.19	-.38	-.35	-1.16	2354	143
Collegeville	69	34	51.4	-3.7	.64	.01	.27	.68	2432	-43
Hutchinson	71	36	51.4	-2.6	.21	-.23	-.27	-1.34	2415	-24
Olivia	73	33	51.0	-2.2	.25	-.26	-.42	-.07	2280	-90
St. Cloud	68	31	48.8	-2.7	.33	-.24	.87	-.02	2222	67
Staples	70	30	47.5	-2.9	1.21	.60	.93	-1.72	1957	5
Willmar	73	38	52.5	-.7	.39	-.15	-.16	-3.74	2377	8
<u>EC DIST 6</u>										
Aitkin	68	27	49.6	-.1	.18	-.43	.03	-2.57	2010	165
Forest Lake	70	34	50.1	-3.4	.09	-.54	-.50	-2.24	2373	48
Hinckley	64	28	46.2	-3.1	.29	-.37	2.78	5.98m	1797	-133
MSP Airport	68	40	52.5	-2.5	.20	-.30	-.47	-5.23	2695	152
St. Paul - UofM	68	38	52.8	-3.8	.32	-.30	-.91	-7.44	2642	14
<u>SW DIST 7</u>										
Lamberton	75	33	52.6	-1.6	.35	-.15	-.93	-3.91	2490	20
Pipestone	73	31	51.8	-1.2	.63	.06	-1.11	-2.11	2299	-78
Redwood Falls	72	37	54.1	-1.6	.22	-.24	-.82	-2.49	2520	-103
Worthington	73	37	53.7	.7	.78	.30	-.46	.98	2428	108
<u>SC DIST 8</u>										
Faribault	68	33	51.9	-1.6	.19	-.38	-1.53	-3.03	2406	38
Mankato	73	36	53.1	-1.4	.16	-.43	-1.74	-5.92	2434	-35
Waseca	71	32	51.2	-2.9	.26	-.34	-1.42	-2.94	2396	-16
Winnebago	71	35	53.2	-2.1	.42	-.12	-.97	-4.08	2567	61
<u>SE DIST 9</u>										
Preston	72	27	50.2	-3.7	.51	-.12	-1.83	4.38	2371	83
Red Wing	66	36	52.6	-1.9	.23	-.39	-1.54	-3.46	2459	2
Rochester	68	34	52.0	-1.1	.54	-.02	-.69	-.81	2418	168
Rosemount	68	35	51.4	-3.0	.08	-.56	-.92	-4.46	2374	26
Winona	66	35	51.7	-3.4	.30	-.30	-2.14	.66	2354	-145

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

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