



# 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

## SOYBEAN PLANTING NEARED COMPLETION

Soybeans planted neared completion after another busy week of fieldwork, according to USDA, NASS, Minnesota Field Office. Minnesota farmers planted 65 percent of the soybean crop in the last two weeks, while corn and spring wheat crops were emerging at an expected pace despite the week's below average temperatures.

The average temperature for the week was 57.6°, 3.3° below normal. Statewide topsoil moisture supplies as of Friday were rated 1 percent very short, 6 short, 83 adequate, and 10 surplus. Statewide, on average, there were 5.1 days suitable for fieldwork during the week.

As of Sunday, June 1<sup>st</sup>, corn planted was 98 percent complete compared to 100 percent last year and 99 percent for the 5-year average. Corn was 72 percent emerged compared to 97 percent last year and 90 percent average.

Soybeans were 90 percent planted compared to 98 percent last year and 88 percent average. Soybeans were 33 percent emerged compared to 80 percent last year and 53 percent average.

Spring wheat was 88 percent emerged compared to 99 percent last year and 93 percent average. Oats were 85 percent emerged compared to 99 percent last year and 95 percent average. Barley was 87 percent emerged compared to 99 percent last year and 93 percent average.

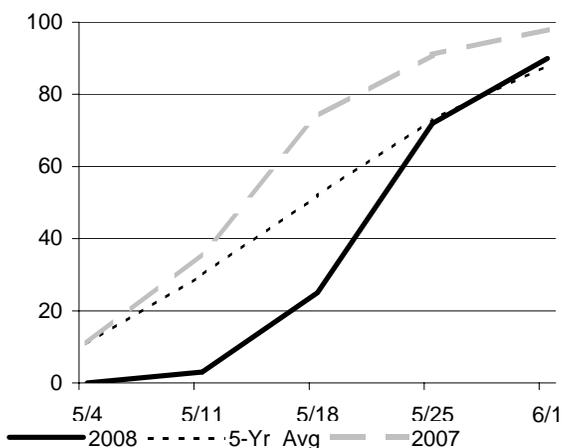
Pasture conditions were rated 63 percent good to excellent. Alfalfa conditions were rated 62 percent good to excellent. Oat conditions were rated 76 percent good to excellent. Spring wheat conditions were rated 77 percent good to excellent. Barley conditions were rated 81 percent good to excellent and sugarbeet conditions were rated 63 percent good to excellent.

Days Suitable for Fieldwork: 5.1				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	1	6	83	10

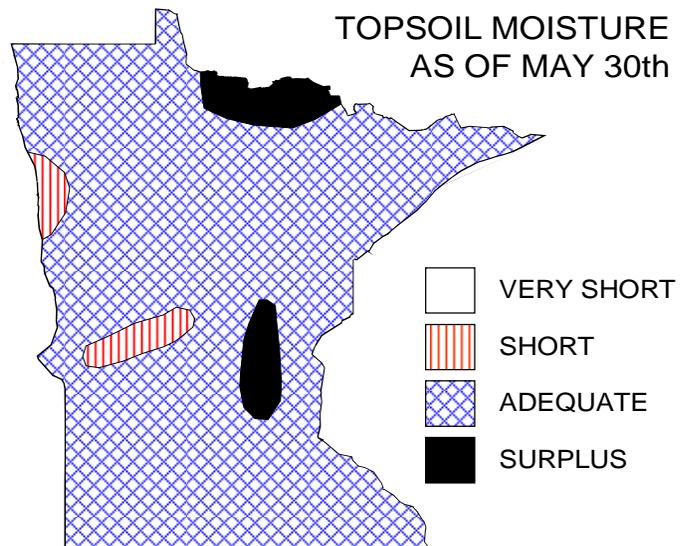
Crop Progress as of June 1, 2008					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Planted	98	95	100	99
	Emerged	72	34	97	90
Soybeans	Land Prepared	96	85	100	98
	Planted	90	72	98	88
Spring Wheat	Emerged	33	3	80	53
	Jointing	88	71	99	93
Oats	Planted	5	N/A	18	11
	Emerged	98	92	100	99
Barley	Emerged	85	69	99	95
	Jointing	7	N/A	33	20
Potatoes	Planted	99	95	100	98
	Emerged	87	73	99	93
Sweet Corn	Planted	3	N/A	19	10
	Emerged	96	93	97	94
Green Peas	Planted	47	35	74	63
	Emerged	82	76	96	90
Dry Beans	Planted	83	73	83	69
	Emerged	71	50	100	91
Canola	Planted	90	75	97	75
	Emerged	90	75	97	75
Sunflowers	Planted	7	N/A	29	20
	First Cutting	7	N/A	29	20

Crop Condition as of May 30, 2008					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Pasture	1	8	28	55	8
Alfalfa	3	6	29	52	10
Oats	0	1	23	65	11
Spring Wheat	0	2	21	64	13
Barley	0	1	18	69	12
Sugarbeets	2	4	31	57	6

SOYBEANS PLANTED  
MAY 4 - JUNE 1



TOPSOIL MOISTURE  
AS OF MAY 30th



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING June 1, 2008:  
 Temperatures averaged from 5.0 degrees below normal in the North Central District to 2.5 degrees below normal in the West Central District.  
 Extremes: 24 degrees in Hibbing, 89 degrees in Waseca. Precipitation averaged from 0.25 inch below normal in the Northeast District to 0.86 inch above normal in the South Central District. Greatest weekly total was 2.77 inches recorded in Worthington.

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 5/26/2008 through 6/1/2008

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	From Norm Since 4/1	Since May 14	Depart from Norm
<u>NW DIST 1</u>										
Crookston	81	31	57.2	-3.9	.88	.18	-1.20	-1.76	180	-36
Moorhead	84	32	58.8	-3.1	.68	-.05	-1.10	.05	219	-7
Warroad	82	33	55.0	-3.2	.31	-.40	-.57	.09	148	-28
<u>NC DIST 2</u>										
Grand Rapids	82	31	55.3	-3.5	1.05	.21	.02	3.85	179	-6
Intl. Falls	75	25	50.5	-7.2	1.96	1.20	1.20	2.23	146	-28
Itasca	78	28	53.2	-4.2	1.04	.22	-.22	2.57	150	-17
<u>NE DIST 3</u>										
Duluth	78	31	54.6	-1.3	.73	-.09	-.82	1.46	135	-11
Grand Marais	70	33	48.5	-1.3	.33	-.36	-1.17	2.14	79	-6
Hibbing	77	24	51.5	-5.5	.46	-.31	-.68	1.80	148	-15
<u>WC DIST 4</u>										
Alexandria	79	40	58.3	-2.5	.63	-.25	-1.14	-1.15	184	-27
Browns Valley	83	42	59.8	-2.9	.40	-.23	-.70	.80	210	-28
Canby	85	44	60.8	-3.0	.69	-.12	.30	1.11	202	-47
Fergus Falls	81	43	60.2	-1.1	.38	-.37	-.97	1.31	175	-41
Montevideo	82	48	60.6	-2.4	.78	-.08	-.36	-.13	210	-28
Morris	85	44	59.4	-3.1	.45	-.32	-.55	.28	191	-44
<u>CENT DIST 5</u>										
Becker	78	38	58.4	-2.5	2.42	1.50	1.00	3.44	178	-35
Collegeville	82	38	60.2	-3.2	1.23	.25	.04	2.04	205	-43
Hutchinson	87	39	60.8	-2.6	.87	-.01	-1.04	1.40	198	-48
Olivia	86	40	59.8	-3.4	.64	-.23	-.79	1.08	202	-41
St. Cloud	81	37	57.8	-3.1	1.53	.66	-.01	1.37	187	-26
Staples	76	33	55.4	-3.8	.51	-.33	-1.10	-.07	142	-51
Willmar	84	40	59.4	-3.4	1.05	.07	-.03	1.50	182	-56
<u>EC DIST 6</u>										
Aitkin	73	32	52.4	-5.6	.77	-.07	-.73	1.55	163	-14
Forest Lake	78	36	58.0	-4.2	2.17	1.24	-.02	2.81	193	-39
MSP Airport	82	40	60.0	-3.8	.63	-.25	-1.84	-.04	210	-42
St. Paul - UofM	81	38	61.6	-2.9	.35	-.67	-2.30	.57	219	-44
<u>SW DIST 7</u>										
Lamberton	87	44	61.2	-2.8	.54	-.28	-.96	.08	215	-38
Pipestone	84	41	58.8	-3.6	.66	-.19	-.33	-.22	187	-46
Redwood Falls	83	43	61.1	-4.0	1.13	.31	-.20	1.42	226	-44
Worthington	83	41	59.9	-2.3	2.77	1.85	.90	2.11	196	-32
<u>SC DIST 8</u>										
Faribault	86	37	58.8	-3.5	2.01	1.09	-.43	2.05	197	-32
Mankato	87	43	60.1	-3.3	1.71	.67	-.84	1.15	208	-38
Waseca	89	40	60.5	-2.7	2.18	1.24	-.69	1.07	202	-43
Winnebago	88	42	62.0	-1.7	1.46	.46	-1.25	2.63	223	-28
<u>SE DIST 9</u>										
Preston	77	35	58.2	-3.2	1.73	.76	-.95	4.42	188	-27
Red Wing	81	40	59.1	-3.9	.75	-.11	-1.81	1.22	188	-52
Rochester	79	42	60.0	-1.4	1.74	.90	-.49	1.37	206	-12
Rosemount	83	38	58.8	-3.3	1.11	.11	-1.72	.96	183	-44
Winona	79	42	59.4	-5.7	1.43	.57	-.77	3.87	192	-78

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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