



# 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, USDA-NRCS, and Local FACs

## CORN SILKING NEARLY COMPLETE

Ninety-four percent of Minnesota's corn acres were silking or beyond, moving 14 percentage-points during the week, according to the USDA, NASS Minnesota Field Office. Corn silking is occurring at the same pace as last year's crop, but 3 points behind the average. Twenty-three percent of the corn crop had reached the milk stage by week's end, 9 points behind last year and 36 points behind the 5-year average. Corn condition was rated 74 percent good to excellent, unchanged from last week.

Thunderstorms produced strong winds and heavy rain late Friday across the central and east. Showers and thunderstorms redeveloped Saturday afternoon over western Minnesota as heat and humidity returned to the area. Some storms were again severe with hail being reported in and around the Marshall area. Statewide, 62 percent of topsoil was rated adequate to surplus for moisture, up from last week's 54 percent.

Fifty percent of soybeans were setting pods, 8 points behind last year's pace and 23 points behind the five-year average. Soybean condition was rated 65 percent good to excellent.

Sixty-one percent of the spring wheat crop was turning ripe, with 3 percent harvested. Spring wheat condition improved 3 points from last week to 71 percent good to excellent. Eighty-five percent of oats were turning ripe with 30 percent harvested.

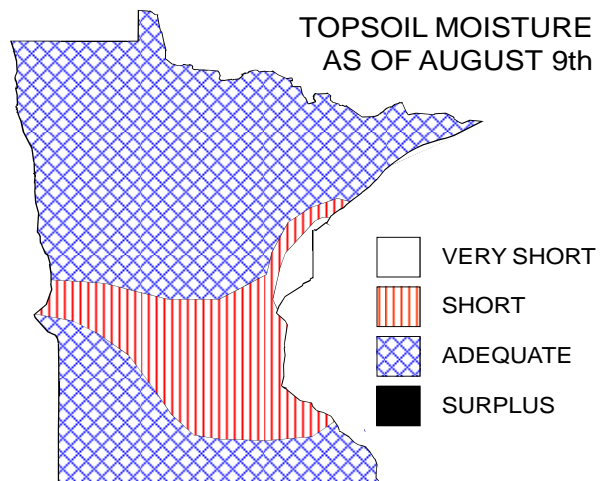
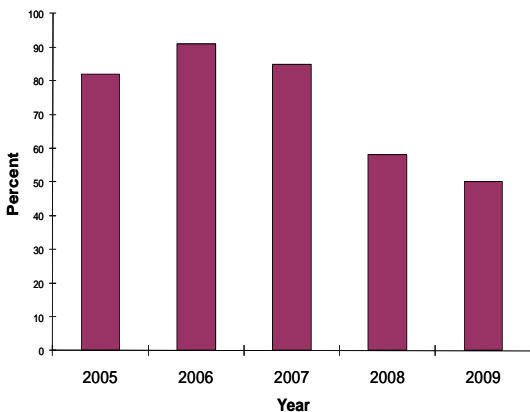
Sweet corn harvest advanced 6 points to 10 percent harvested. Potatoes were rated in primarily good condition with 5 percent harvested.

Days Suitable for Fieldwork: 5.4				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	10	28	61	1

Crop Progress as of August 9, 2009					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Silking	94	80	94	97
	Milk	23	10	32	59
	Dough	1	0	3	19
Soybeans	Blooming	89	77	95	96
	Setting Pods	50	33	58	73
Spring Wheat	Turning Ripe	61	42	77	90
	Harvested	3	2	6	28
Oats	Turning Ripe	85	75	92	95
	Harvested	30	13	33	59
Barley	Turning Ripe	54	35	83	94
	Harvested	7	2	17	47
Potatoes	Harvested	5	2	3	7
Sweet Corn	Harvested	10	4	8	18

Condition as of August 9, 2009					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Pasture	8	14	33	42	3
Spring Wheat	2	7	20	54	17
Barley	2	9	29	48	12
Oats	2	7	28	51	12
Soybeans	2	7	26	53	12
Corn	1	5	20	57	17
Potatoes	0	1	9	64	26
Canola	0	17	52	30	1
Sunflowers	0	11	36	45	8
Dry Beans	2	6	26	56	10
Sugarbeets	2	3	23	59	13

Soybeans Setting Pods as of August 9th



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING August 9, 2009:  
 Temperatures averaged from 7.3 degrees below normal in the Northwest District to 1.7 degrees below normal in the South Central District. Extremes: 39 degrees in Hibbing, 90 degrees in Winnebago, Red Wing. Precipitation averaged from 0.36 inch below normal in the Northeast District to 1.51 inches above normal in the Southeast District. Greatest weekly total of 4.14 inches was recorded in Hutchinson.

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 8/3/2009 through 8/9/2009

	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 4	Depart from Norm
<u>NW DIST 1</u>										
Crookston	76	44	62.0	-8.1	.78	.10	1.54	1.44	1192	-352
Moorhead	83	44	64.5	-6.6	.43	-.15	-1.56	-4.81	1378	-237
Warroad	72	46	60.6	-7.1	.31	-.39	-.18	-.09	949	-401
<u>NC DIST 2</u>										
Grand Rapids	78	45	63.4	-3.8	.85	-.04	2.65	-2.09	1171	-191
Intl. Falls	73	40	59.6	-6.4	.18	-.51	.85	-2.72	955	-323
Itasca	76	45	60.2	-6.3	.64	-.22	.47	-3.12	1093	-177
<u>NE DIST 3</u>										
Duluth	76	49	62.9	-2.7	.97	.05	.87	-5.70	1015	-159
Grand Marais	79	47	57.7	-5.8	.10	-.59	.54	-1.44	675	-143
Hibbing	76	39	60.0	-5.8	.33	-.52	-.86	-4.67	1054	-182
<u>WC DIST 4</u>										
Alexandria	83	51	66.8	-3.1	.58	-.21	-1.60	-8.43	1381	-168
Browns Valley	82	47	64.4	-7.8	3.11	2.41	1.10	-1.16	1358	-351
Canby	88	54	69.4	-3.6	.43	-.22	-1.24	-5.27	1527	-260
Dalton	80	53	66.0	-4.4	.99	.25	-.39	-1.92	1367	-222
Montevideo	85	51	66.7	-5.0	1.66	.92	.99	-4.82	1439	-265
Morris	83	49	65.8	-5.2	.86	.04	-1.63	-8.22	1398	-265
<u>CENT DIST 5</u>										
Becker	85	51	69.4	-.3	1.87	.89	.30	-4.46	1514	-67
Collegeville	81	52	67.4	-4.6	1.60	.76	1.93	-2.84	1499	-235
Hutchinson	83	51	69.0	-2.3	4.14	3.21	1.64	-4.02	1562	-171
Melrose	81	51	65.2	-5.8	.94	.13	.98	-4.05	1331	-318
Olivia	83	50	66.8	-3.7	3.08	2.31	2.19	-3.36	1442	-250
St. Cloud	82	50	67.0	-2.4	2.62	1.76	2.07	-2.36	1401	-138
Staples	79	46	64.4	-3.1	.52	-.22	1.92	-2.11	1271	-116
Willmar	81	54	68.0	-2.8	3.22	2.37	3.00	-4.29	1520	-161
<u>EC DIST 6</u>										
Aitkin	79	45	60.4	-6.2	.17	-.79	2.78	-.82	1190	-123
Forest Lake	87	52	67.7	-2.8	1.28	.22	-.62	-7.36	1499	-141
Hinckley	80	44	62.1	-5.3	.46	-.53	1.46	-4.58	1143	-237
MSP Airport	86	56	71.6	-1.1	3.06	2.11	1.78	-4.53	1711	-76
St. Paul - UofM	84	52	68.6	-4.4	1.68	.67	-.40	-8.39	1613	-221
<u>SW DIST 6</u>										
Lamberton	88	52	69.1	-2.2	.63	-.16	-2.01	-4.67	1520	-238
Marshall	87	55	70.0	-2.4	.66	-.08	-1.73	-4.36	1541	-236
Redwood Falls	88	54	70.9	-2.1	.67	-.18	-2.48	-7.96	1649	-200
Worthington	89	52	68.4	-1.8	.26	-.54	-1.77	-1.85	1463	-181
<u>SC DIST 8</u>										
Faribault	87	52	69.1	-1.6	2.26	1.23	.98	-3.61	1485	-183
Mankato	89	51	68.8	-3.0	.60	-.41	-1.81	-8.52	1478	-261
Waseca	87	51	69.0	-1.7	.93	-.16	-1.73	-7.55	1478	-224
Winnebago	90	53	70.8	-.6	.29	-.70	-2.44	-6.97	1608	-149
<u>SE DIST 9</u>										
Preston	82	47	65.0	-5.0	2.29	1.21	-.95	-2.74	1425	-170
Red Wing	90	52	69.0	-2.8	2.23	1.32	1.03	-3.98	1476	-245
Rochester	85	52	68.8	-.8	2.14	1.11	.75	-1.40	1422	-158
Rosemount	86	52	69.0	-1.5	2.77	1.70	.51	-4.96	1440	-207

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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