



# Crops & Weather

National Agricultural Statistics Service  
Minnesota Field Office

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In Cooperation with the Minnesota Department of Agriculture, National Weather Service – Chanhassen MN,  
Univ. of Minn. Extension Service, DNR State Climatology Office, USDA-FSA, USDA-NRCS, and Local FACs

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Wet weather slowed crop planting in Minnesota for the week ending May 26th, 2013, according to the USDA, National Agricultural Statistics Service. Most weather reporting stations showed cooler than normal temperatures along with greater than normal precipitation. Despite the weather conditions, emergence of corn and small grains moved along. Minnesota farmers saw a statewide average of 1.9 days rated suitable for fieldwork.

Topsoil moisture supplies increased to 0 percent very short, 4 percent short, 70 percent adequate, and 26 percent surplus. Subsoil moisture supplies also increased to improve to 3 percent very short, 16 percent short, 72 percent adequate and 9 percent surplus.

Eighty-eight percent of the corn land has been prepared, compared with 100 percent last year, and the five-year average of 97 percent. Corn planting was 82 percent complete, compared to 100 percent last year, and the average of 95 percent. Corn emergence increased 32 percentage points to 40 percent emerged. Even with that large increase, corn emergence remains well behind last year's 91 percent and the average of 67 percent. Fifty-six percent of the soybean land has been prepared, compared with 99 percent last year, and the average of 85 percent. Soybeans were 42 percent planted, compared with 92 percent last year and the average of 76 percent. Soybeans did not emerge as rapidly as corn and were estimated to be 3 percent emerged, which was 36 percentage points behind last year and 22 percentage points behind average. Oat progress remained behind normal with 85 percent planted and 50 percent emerged. Spring wheat and barley planting were both behind normal at 86 and 77 percent, respectively. Thirty-three and 34 percent of the spring wheat and barley have emerged, respectively. Sugarbeets were 92 percent planted compared to 100 percent last year and the average of 96 percent. Potato planting reached 80 percent complete, an increase of 21 percentage points from the last week.

Pasture conditions improved to 3 percent very poor, 14 percent poor, 37 percent fair, 41 percent good, and 5 percent excellent. Oat condition also improved to 0 percent very poor, 7 percent poor, 29 percent fair, 55 percent good, and 9 percent excellent.

## Crop Condition as of May 26, 2013

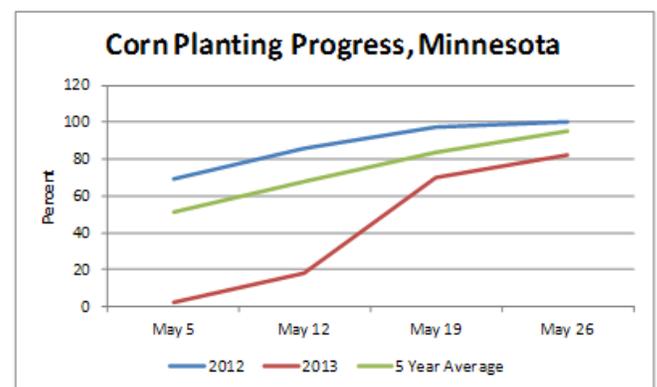
	Very Poor	Poor	Fair	Good	Exc
	Percent	Percent	Percent	Percent	Percent
Pasture .....	3	14	37	41	5
Oats .....	0	7	29	55	9

## Crop Progress as of May 26, 2013

	This Week	Last Week	Last Year	5 Yr Avg
Days Suitable for Fieldwork	1.90	5.10	3.80	5.00
	Percent	Percent	Percent	Percent
Oats planted .....	85	73	100	95
Oats emerged .....	50	26	99	82
Spring Wheat planted .....	86	71	100	92
Spring Wheat emerged .....	33	7	100	72
Barley planted .....	77	68	100	92
Barley emerged .....	34	6	99	72
Corn, land prepared .....	88	81	100	97
Corn planted .....	82	70	100	95
Corn emerged .....	40	8	91	67
Soybeans, land prepared .....	56	38	99	85
Soybeans planted .....	42	23	92	76
Soybeans emerged .....	3	0	39	25
Sugarbeets planted .....	92	89	100	96
Potatoes planted .....	80	59	97	92
Sweet Corn planted .....	18	9	52	45
Green Peas planted .....	76	58	95	87
Canola planted .....	25	19	100	80
Sunflowers planted .....	27	10	91	62
Dry Beans planted .....	26	10	77	58

## Soil Moisture Levels as of May 26, 2013

	Very Short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil Moisture .....	0	4	70	26
Subsoil Moisture .....	3	16	72	9



## Precipitation and Temperature Summary for 5/20/2013 through 5/26/2013

	Temperature				Precipitation				G D D	
	High	Low	Week Average	Depart from Norm	Week Total	Depart From Normal			Since 05/16	Depart From Norm
						Past Week	Four Weeks	Since 4/1		
<b>NORTHWEST DISTRICT</b>										
Crookston	73	42	56.4	-1.4	0.8	0.05	-0.22	-0.73	113	4
Itasca	72	35	54.1	-0.9	2.09	1.29	0.73	1.44	106	19
Moorhead	73	46	58.6	-1.1	0.88	0.15	0.15	0.96	136	14
Pembina, ND	72	38	53.9	-1.8	2.75	1.96	1.47	1.29	91	-4
Warroad	67	37	49.4	-5.5	1.1	0.35	-0.69m	-1.39m	60	-28
<b>NORTH CENTRAL DISTRICT</b>										
Grand Rapids	71	34	53	-3.7	1.25	0.48	-0.91	-0.25	90	-9
Intl. Falls	72	30	51	-3.3	1.62	0.9	2.65	2.72	75	-10
<b>NORTH EAST DISTRICT</b>										
Duluth	68	34	49.2	-4.6	1.77	0.99	0.2	2.36	53	-25
Grand Marais	56	33	46.8	-1.8	0.94	0.31	0.96	5.07	22	-25
Hibbing	71	28	51.8	-1.2	1.11	0.46	-0.41	-0.57	86	11
<b>WEST CENTRAL DISTRICT</b>										
Alexandria	66	43	54	-4.7	1.5	0.81	0.66	-0.03	100	-14
Breckenridge	77	43	57	-2.9	1.84	1.11	0.56	0.56	127	4
Browns Valley	75	39	55.4	-4	1.72	1.11	.17m	.38m	118	-1
Canby	73	40	56.4	-4.3	1.46	0.75	-0.02	1.17m	132	3
Montevideo	78	41	56.4	-3.8	1.42	0.69	-0.1	0.8	132	5
Morris	76	40	54.9	-4.6	1.65	0.97	-0.32	-0.91	117	-4
Wheaton	78	44	56.5	-3.3	1.75	1.09	0	-0.62	125	3
<b>CENTRAL DISTRICT</b>										
Becker	81	42	56.3	-4.3	1.46	0.65	-1.29	-1.11	122	-9
Collegeville	72	42	54.1	-7	2.04	1.2	1.6	2.37	111	-22
Hutchinson	78	38	56.6	-3.9	0.84	0.07	0.95	2.6	125	-4
Melrose	79	38	54.6	-4.2	2.87	2.09	1.93	1.45	114	-1
Olivia	79	38	56	-4.4	0.88	0.16	-0.55	-0.12	128	0
St. Cloud	71	37	53.2	-5.7	1.96	1.25	2.15	2.66	100	-16
Wadena	78	41	55.7	-0.9	3.13	2.32	1.43	1.25	113	14
Willmar	79	43	55.5	-5.2	1.11	0.34	-0.22	-0.6	114	-17
<b>EAST CENTRAL DISTRICT</b>										
Aitkin	77	37	53.3	-2.5	2.09	1.34	0.93	2.79	105	10
Forest Lake	84	39	57	-3.2	2.13	1.25	0.95	2.07	127	2
MSP Airport	72	44	57.2	-4.3	0.96	0.15	1.77	4.52	134	-2
Mora	81	33	52.2	-5.8	2.15	1.4	0.48	-.06m	103	-6
St. Paul - Uo	80	29	55.6	-4.6	3.31	2.43	2.58	4.85	117	-8
<b>SOUTH WEST DISTRICT</b>										
Lamberton	75	41	56.4	-4.6	0.84	0.08	1.09	1.54	137	4
Marshall	74	42	56.8	-4.3	0.83	0.03	-0.39	.20m	137	5
Pipestone	70	40	55.8	-4	0.64	-0.14	-0.23	-1.35m	133	9
Redwood Falls	72	42	55.5	-6.1	0.51	-0.26	-0.78	-0.69	121	-17
Sioux Falls	74	44	56.4	-4.1	3.26	2.47	2.74	3.06	132	5
<b>SOUTH CENTRAL DISTRICT</b>										
Worthington	72	40	55.5	-4.6	0.89	0.06	.80m	1.44m	134	8
North Mankato	77	43	57.8	-3.2	0.76	-0.07	-.68m	.76m	138	5
Owatonna	79	39	57	-3.2	1.76	0.79	2.93m	5.85m	122	-6
Waseca	78	42	56.8	-4.6	1.76	0.83	1.97	4.92	122	-14
Winnebago	76	43	57.4	-3.9	1.77	0.83	0.52	3.3	135	0
Cannon Falls	83	34	56.4	-3	1.71	0.8	4.93m	6.71m	127	7
<b>SOUTH EAST DISTRICT</b>										
La Crosse	80	41	59.8	-2.3	1.33	0.52	2.22	4.87	147	6
Preston	80	34	58.9	-0.4	2.37	1.45	4.43	7.89m	131	13
Red Wing	84	43	59.3	-1.5	1.8	0.96	1.43	4.72	139	8
Rochester	72	40	55.6	-4.9	0.54	-0.31	6.25	9.5	113	-15
Rosemount	80	37	56.8	-3.3	1.28	0.31	1.48	3.19m	123	-2
Winona Dam	81	41	60.1	0.3	2.67	1.86	4.75	7.25	136	14

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.

Data in this summary are courtesy of National Weather Service Offices and Cooperators, and the University of Minnesota Agricultural Experiment Station. This summary is prepared by the Minnesota Extension Service Agricultural Meteorologist and the Department of Natural Resources State Climatology Office. URL://climate.umn.edu