



# Minnesota Ag News – Crop Weather

USDA, NASS, Minnesota Field Office  
P.O. Box 7068 – St. Paul, MN 55107  
(651) 201-6030 · (651) 201-6479 FAX

Email: [nass-mn@nass.usda.gov](mailto:nass-mn@nass.usda.gov) - Homepage: <http://www.nass.usda.gov>

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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

## RAIN SLOWS FIELDWORK

Spring rain and thunderstorms moved across the state this past week, slowing fieldwork in some areas, according to the USDA, NASS, Minnesota Field Office. As of May 6<sup>th</sup>, topsoil moisture was rated 1 percent very short, 10 percent short, 71 percent adequate and 18 percent surplus, compared with 3 percent very short, 17 percent short, 77 percent adequate and 3 percent surplus the previous week. Precipitation amounts varied from light rainfall in the northwest portion of the state, up to 5.84 inches in southwestern areas. Statewide, 3.4 days were rated suitable for fieldwork.

Corn planting was 73 percent complete, compared to 20 percent last year and 53 percent for the five-year average. Twelve percent of corn was emerged. Land prepared for soybeans was 39 percent complete. Nineteen percent of soybeans were planted, compared to 4 percent planted last year and 13 percent average.

Spring wheat emergence advanced 20 percentage points from the previous week to 64 percent emerged, compared to 1 percent last year and 20 percent average. Oats and barley continued ahead of their averages and were 74 and 60 percent emerged, respectively. Spring wheat condition was rated 94 percent good to excellent, while oats and barley conditions were rated 76 and 90 percent good to excellent, respectively.

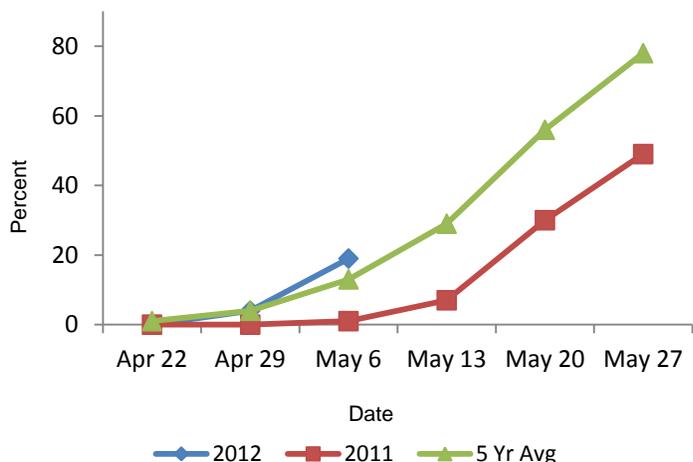
Other planting activities continued ahead of average. Sugarbeet planting was nearly complete at 98 percent compared to 53 percent average. Potato planting was 83 percent complete compared to 49 percent average. Canola planting advanced to 70 percent planted, 42 points ahead of the previous week and 47 points ahead of average.

Days Suitable for Fieldwork: 3.4				
	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	1	10	71	18

Crop Progress as of May 6, 2012					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
					----- Percent -----
Oats	Planted	97	87	29	62
Oats	Emerged	74	53	3	27
Oats	Jointed	3	NA	0	0
Spring Wheat	Planted	99	93	14	48
Spring Wheat	Emerged	64	44	1	20
Spring Wheat	Jointed	1	NA	0	0
Barley	Planted	97	77	7	43
Barley	Emerged	60	19	1	19
Barley	Jointed	1	NA	0	0
Corn	Land Prepared	87	71	30	63
Corn	Planted	73	48	20	53
Corn	Emerged	12	1	0	6
Soybeans	Land Prepared	39	24	4	26
Soybeans	Planted	19	4	1	13
Sunflowers	Planted	14	1	0	7
Sugarbeets	Planted	98	93	13	53
Potatoes	Planted	83	63	29	49
Canola	Planted	70	28	2	23
Dry Beans	Planted	5	1	0	1
Sweet Corn	Planted	10	4	2	14
Green Peas	Planted	79	60	12	45

Condition as of May 6, 2012					
	Very Poor	Poor	Fair	Good	Exc
	----- Percent -----				
Pasture	0	7	28	58	7
Oats	0	0	24	65	11
Barley	0	0	10	57	33
Spring Wheat	0	0	6	68	26

### Soybeans Planted



The following links provides further weather-related information and maps for Minnesota:

Minnesota Climatology Working Group provides statewide precipitation maps for the previous week:  
<http://climate.umn.edu/doc/weekmap.asp>

National Weather Service's Minnesota Data:  
<http://www.nws.noaa.gov/view/states.php?state=MN>

PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING May 6, 2012:  
 Temperatures averaged from 4.2 degrees above normal in the Northeast District to 9.0 degrees above normal in the Southwest District. Extremes: 33 degrees in Hibbing; 85 degrees in Redwood Falls, Montevideo. Average precipitation ranged from 0.28 inch below normal in the Northwest District to 3.23 inches above normal in the Southwest District. Greatest weekly total of 5.84 inches was recorded in Pipestone.

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 4/30/2012 through 5/6/2012

	Temperature				Precipitation			
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Four Weeks	From Norm Since 4/1	
<u>NW DIST 1</u>								
Crookston	72	43	56.6	6.3	.26	-.22	-.16	-.40
Itasca	61m	42m	51.5m	4.3m	0m	-.53m	1.29m	.90m
Moorhead	79	41	60.0	7.7	.12	-.34	-.21	-.54
Warroad	71m	40m	53.6m	6.5m	.23m	-.23m	-.55m	-.10m
<u>NC DIST 2</u>								
Grand Rapids	76	39	53.4	3.9	.88	.30	3.00	2.53
Intl. Falls	73	41	52.9	5.8	.30	-.21	.15	-.03
<u>NE DIST 3</u>								
Duluth	79	39	51.1	4.2	.78	.14	1.53	1.50
Grand Marais	63	34	46.3	2.3	.47	-.00	.92	.78
Hibbing	75	33	52.2	6.1	.51	.05	1.58	1.51
<u>WC DIST 4</u>								
Alexandria	75	43	57.2	5.7	1.09	.55	2.40	2.16
Browns Valley	79	42	58.5	6.6	.87	.35	2.81	2.23
Canby	84	44	59.4	6.4	2.80	2.17	3.68	3.04
Montevideo	85	41	60.4	7.7	2.14	1.54	2.98	2.35
Morris	81	42	57.8	5.8	.80	.23	1.00	.54
Wheaton	76	41	57.2	5.2	.58	.05	2.54	1.99
<u>CENT DIST 5</u>								
Becker	80	44	58.8	5.0	4.88	4.14	3.72	3.01
Collegeville	82	46	60.2	6.2	3.09	2.42	3.33	2.67
Hutchinson	81	47	60.6	7.4	3.75	3.16	4.09	3.52
Melrose	76	44	57.4	6.1	2.85	2.18	2.87	2.24
Olivia	83	43	60.2	7.5	3.38	2.79	2.98	2.34
St. Cloud	81	48	60.4	8.5	3.65	3.05	3.76	3.17
Wadena	73	42	55.3	6.0	1.35	.72	3.11	2.56
Willmar	84m	42m	59.9m	6.7m	1.28m	.68m	.93m	.30m
<u>EC DIST 6</u>								
Aitkin	79m	42m	54.8m	5.9m	1.02	.39	1.32	.72
Forest Lake	82	42	59.3	6.2	3.48	2.71	2.84	2.60
MSP Airport	81	44	62.0	7.4	4.23	3.55	4.05	4.03
Mora	77	44	57.3	6.5	3.37	2.75	3.51	3.13
St. Paul - UofM	79m	43m	58.7m	5.6m	.86m	.09m	-.13m	-.24m
<u>SW DIST 7</u>								
Lamberton	84	44	61.7	8.7	4.59	3.89	4.43	3.72
Marshall	83	46	61.7	8.3	3.95	3.24	3.39	2.75
Pipestone	80	43	60.3	7.8	5.84	5.15	7.96	7.26
Redwood Falls	85	45	63.6	9.4	4.79	4.13	4.80	4.15
Worthington	82m	43m	61.6m	9.2m	3.11m	2.39m	3.50m	2.77m
<u>SC DIST 8</u>								
North Mankato	80	42	60.5	6.9	3.16	2.46	2.42	1.79
Owatonna	80m	42m	62.2m	9.3m	3.97m	3.14m	3.65m	3.01m
Waseca	82m	42m	60.6m	6.9m	1.49m	.68m	.71m	-.06m
Winnebago	82	44	62.6	8.8	4.47	3.61	3.93	3.19
<u>SE DIST 9</u>								
Preston	81m	42m	58.6m	6.2m	2.34m	1.50m	2.05m	1.23m
Red Wing	83	42	60.8	6.9	3.89	3.15	3.22	2.82
Rochester	82	42	61.5	7.9	2.21	1.43	1.69	.97
Rosemount	79	42	59.7	6.5	1.55m	.75m	1.35m	.77m
Winona Dam	82	41	59.0	6.1	2.95	2.14	1.95	1.19

m=some data missing

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