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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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Minnesota farmers made significant planting progress during the week ending May 19, 2013, according to the USDA, National Agricultural Statistics Service. Several continuous days of warm and dry weather allowed for the most days suitable for field work this season. However, late week thunderstorms pushed farmers back out of the field, but helped ease soil moisture concerns.

Statewide, there was an average of 5.1 days rated suitable for fieldwork during the week. Topsoil moisture supplies improved to 0 percent very short, 11 percent short, 67 percent adequate, and 22 percent surplus. Subsoil moisture supplies also improved to 5 percent very short, 25 percent short, 63 percent adequate and 7 percent surplus.

Corn planting advanced 52 percentage points to 70 percent complete, with 8 percent emerged. Despite the rapid planting activity during the week, progress still remains behind last year's 97 percent and the normal planting pace of 84 percent. Soybeans were 23 percent planted, compared with 76 percent last year and the 51 percent five-year average. Oat progress continued to lag behind normal at 73 percent planted and 26 percent emerged. Seventy-one percent of the spring wheat crop and 68 percent of the barley crop have been planted. Spring wheat and barley emergence were both nearly 50 percentage points behind normal at 7 and 6 percent, respectively. Sugarbeets are 89 percent planted compared with 100 percent last year and the 84 percent average. Planting of other crops such as sweet corn, potatoes, green peas and dry beans also accelerated during the week but remain well behind normal.

Pasture conditions improved to 6 percent very poor, 19 percent poor, 45 percent fair, 29 percent good, and 1 percent excellent. Oats were rated at 0 percent very poor, 6 percent poor, 32 percent fair, 52 percent good, and 10 percent excellent.

Soil Moisture Levels as of May 19, 2013

	Very Short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil Moisture	0	11	67	22
Subsoil Moisture	5	25	63	7

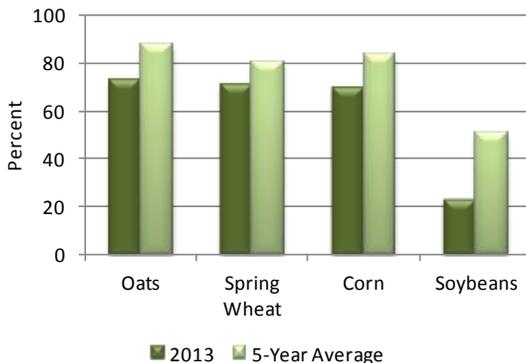
Crop Condition as of May 19, 2013

	Very Poor	Poor	Fair	Good	Exc
	Percent	Percent	Percent	Percent	Percent
Pasture	6	19	45	29	1
Oats	0	6	32	52	10

Crop Progress as of May 19, 2013

	This Week	Last Week	Last Year	5 Yr Avg
	5.10	3.60	6.00	4.60
	Percent	Percent	Percent	Percent
Oats planted	73	33	100	88
Oats emerged	26	1	94	67
Spring Wheat planted	71	19	100	80
Spring Wheat emerged	7	0	99	57
Barley planted	68	8	100	76
Barley emerged	6	0	95	53
Corn, land prepared	81	28	99	91
Corn planted	70	18	97	84
Corn emerged	8	0	72	41
Soybeans, land prepared	38	5	88	64
Soybeans planted	23	2	76	51
Sugarbeets planted	89	50	100	84
Potatoes planted	59	15	93	82
Sweet Corn planted	9	1	37	32
Green Peas planted	58	30	90	76
Canola planted	19	1	97	60
Sunflowers planted	10	0	68	37
Dry Beans planted	10	1	56	30

2013 Planting Progress Compared to the Five-Year Average



The following links provide 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.noaa.gov/view/states.php?state=MN>

Precipitation and Temperature Summary for 5/13/2013 through 5/19/2013

	Temperature				Precipitation			
	High	Low	Week Average	Depart from Norm	Week Total	Depart From Normal		
						Past Week	Four Weeks	Since 4/1
NORTHWEST DISTRICT								
Crookston	81	39	61.4	6.1	1.22	0.56	-0.55	-0.78
Itasca	M	M	M	M	M	M	M	M
Moorhead	93	46	67.4	10.2	1.42	0.79	-0.35	0.81
Pembina, ND	87	24	57	3.8	0.46	-0.22	-0.74	-0.67
Warroad	79	38	54.2	1.9	0.23	-0.41	-1.31m	-1.74m
NORTH CENTRAL DISTRICT								
Grand Rapids	M	M	M	M	M	M	M	M
Intl. Falls	82	24	54	2.1	2.5	1.86	1.33	1.83
NORTH EAST DISTRICT								
Duluth	80	32	54.2	2.7	0.61	-0.1	-0.79	1.37
Grand Marais	81	32	47.8	0.7	1.37	0.81	0.39	4.76
Hibbing	87	21	55	4.3	0.47	-0.09	-1.3	-1.04
WEST CENTRAL DISTRICT								
Alexandria	93	42	65.2	8.9	1.24	0.63	-0.48	-0.84
Breckenridge	M	M	M	M	M	M	M	M
Browns Valley	91	38	64.1	7.2	0.55	0	-.84m	-.73m
Canby	M	M	M	M	M	M	M	M
Montevideo	94	31	64.7	7	0.32	-0.34	-0.83	0.11
Morris	M	M	M	M	M	M	M	M
Wheaton	90	30	63.6	6.3	0.42	-0.16	-1.31	-1.72
CENTRAL DISTRICT								
Becker	94	38	63.6	5.1	0.07	-0.69	-2.59	-1.75
Collegeville	94	42	66.1	7.4	1.88	1.13	0.13	1.17
Hutchinson	100	40	63.6	5.6	2.51	1.84	0.7	2.53
Melrose	M	M	M	M	M	M	M	M
Olivia	99	43	63.4	5.6	0.5	-0.13	-0.74	-0.28
St. Cloud	95	31	63.3	6.7	2.39	1.76	0.56	1.41
Wadena	91	33	61.3	7.1	1.1	0.37	-1.3	-1.06
Willmar	95	30	62.3	4.1	0.79	0.14	-0.82	-0.94
EAST CENTRAL DISTRICT								
Aitkin	M	M	M	M	M	M	M	M
Forest Lake	93	28	60.6	2.9	1.01	0.18	-0.39	0.82
MSP Airport	98	41	67.6	8.5	2.89	2.15	1.9	4.37
Mora	M	M	M	M	M	M	M	M
St. Paul	M	M	M	M	M	M	M	M
SOUTH WEST DISTRICT								
Lamberton	M	M	M	M	M	M	M	M
Marshall	96	45	67	8.5	1.02m	.26m	-.90m	.17m
Pipestone	94	40	66.4	9	0.88	0.16	-0.53	-1.21m
Redwood Falls	98	41	67.5	8.4	0.94	0.24	-1.06	-0.42
Sioux Falls	94	49	69.4	11.4	0.8	0.05	-0.02	0.59
SOUTH CENTRAL DISTRICT								
Worthington	M	M	M	M	M	M	M	M
North Mankato	M	M	M	M	M	M	M	M
Owatonna	97	36	62.6	5.1	1.84	0.92	2.41m	5.06m
Waseca	102	36	63.7	4.9	1.24	0.36	1.47	4.1
Winnebago	103	38	66.9	8.1	1.04	0.15	-0.04	2.46
Cannon Falls	M	M	M	M	M	M	M	M
SOUTH EAST DISTRICT								
La Crosse	92	35	65.8	6.1	2.03	1.26	1.17	4.36
Preston	M	M	M	M	M	M	M	M
Red Wing	97	30	61.6	3.1	0.18	-0.61	1.33	3.76
Rochester	97	32	64.2	6.1	4.52	3.73	6.38	9.81
Rosemount	97	33	61.4	3.7	.02m	-.89m-	1.04m	.74m
Winona Dam	91	35	60.2	2.9	0.89	0.11	2.86	5.38

m=some data missing

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