



# Minnesota Crop Progress & Condition

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Cooperating with the Minnesota Department of Agriculture

For the week ending May 21, 2017

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Cool temperatures and precipitation across Minnesota limited farmers to only 2.5 days suitable for fieldwork during the week ending May 21, 2017 according to USDA's National Agricultural Statistics Service. Thirty-nine percent of the total spring wheat, barley and corn acreage emerged during the week despite field conditions. When conditions allowed, field activities involved planting and spraying.

The week's rains increased **topsoil moisture** supplies to 0 percent very short, 1 percent short, 72 percent adequate, and 27 percent surplus. **Subsoil moisture** supplies were rated 0 percent very short, 1 percent short, 79 percent adequate, and 20 percent surplus.

Minnesota's farmers were nearly finished with **spring wheat** planting with 99 percent complete. Spring wheat emergence advanced 8 days ahead of the 5-year average to 75 percent emerged. Five percent of the spring wheat was at or beyond the jointing stage. Spring wheat conditions were rated 0 percent very poor, 0 percent poor, 7 percent fair, 70 percent good and 23 percent excellent. The **oat** planting progress advanced to 94 percent planted. Seventy-four percent of the oats have emerged, 12 days behind last year. Twenty-four percent of the oat crop was at or beyond the jointing stage, one day ahead of last year. Oat conditions were 0 percent very poor, 1 percent poor, 18 percent fair, 66 percent good and 15 percent excellent. **Barley** planting progress almost complete at 96 percent planted. Sixty-eight percent of the acreage emerged, with 6 percent at or beyond the jointing stage. Barley conditions were 0 percent very poor, 1 percent poor, 9 percent fair, 63 percent good and 27 percent excellent.

**Corn** planting advanced 10 percentage points to 94 percent completed. Fifty-nine percent of the corn has emerged, surpassing the average of 53 percent. Corn conditions were 0 percent very poor, 2 percent poor, 16 percent fair, 75 percent good and 7 percent excellent. **Soybeans** were 72 percent planted, 4 days behind last year yet remaining ahead of average. Sixteen percent of soybeans have emerged. **Dry edible bean** planting was 26 percent completed with scattered reports of emergence. **Sunflowers** planting advanced 42 percentage points to 70 percent planted.

**Potato** planting was 88 percent complete. **Hay conditions** were 1 percent very poor, 2 percent poor, 19 percent fair, 65 percent good, and 13 percent excellent. **Pasture conditions** were 0 percent very poor, 4 percent poor, 23 percent fair, 58 percent good, and 15 percent excellent.

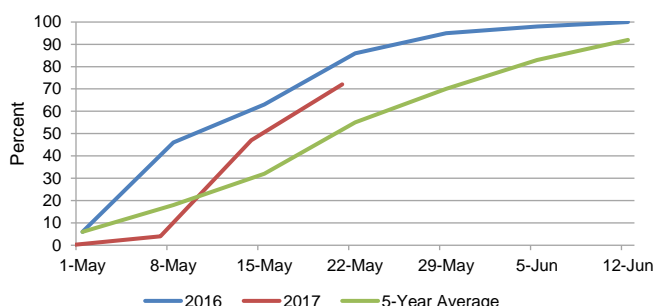
## Soil Moisture Supplies as of May 21, 2017

	Very Short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil Moisture	0	1	72	27
Subsoil Moisture	0	1	79	20

## Crop Progress as of May 21, 2017

	This Week	Last Week	Last Year	5 Yr Avg
Days Suitable for Fieldwork	2.5	6.3	6.0	3.8
	(percent)	(percent)	(percent)	(percent)
Barley planted.....	96	89	98	82
Barley emerged.....	68	29	86	60
Barley jointing.....	6	1	12	11
Corn planted.....	94	84	97	86
Corn emerged.....	59	20	74	53
Dry edible beans planted ...	26	9	71	41
Oats planted.....	94	84	99	89
Oats emerged.....	74	51	90	70
Oats jointing.....	24	1	41	23
Potatoes planted.....	88	72	94	79
Soybeans planted.....	72	47	83	62
Soybeans emerged.....	16	0	30	20
Spring wheat planted.....	99	93	98	83
Spring wheat emerged.....	75	36	88	62
Spring wheat jointing.....	5	1	14	11
Sunflowers planted.....	70	28	68	45

Soybeans Planted - Minnesota For the Third Week of May

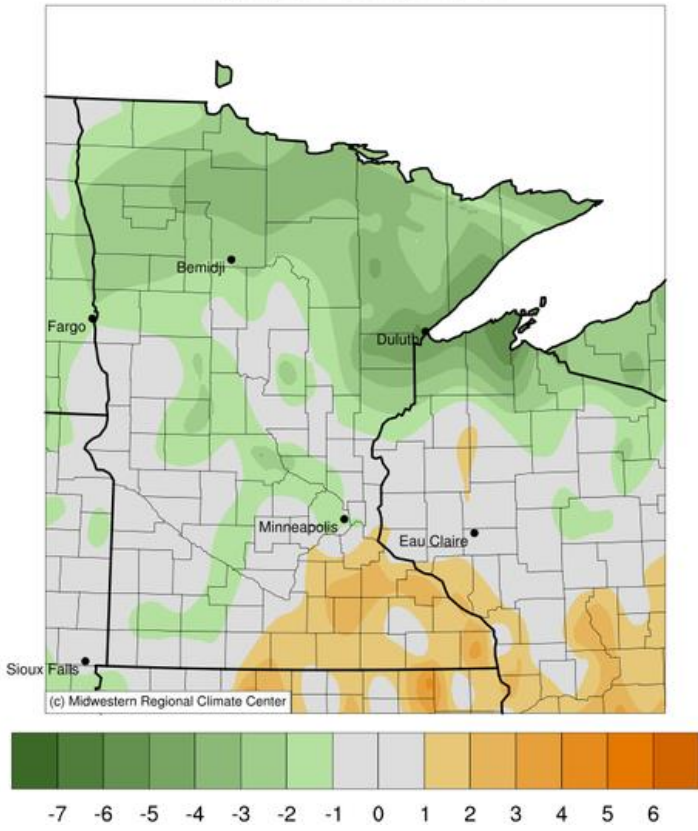


## Crop Condition as of May 21, 2017

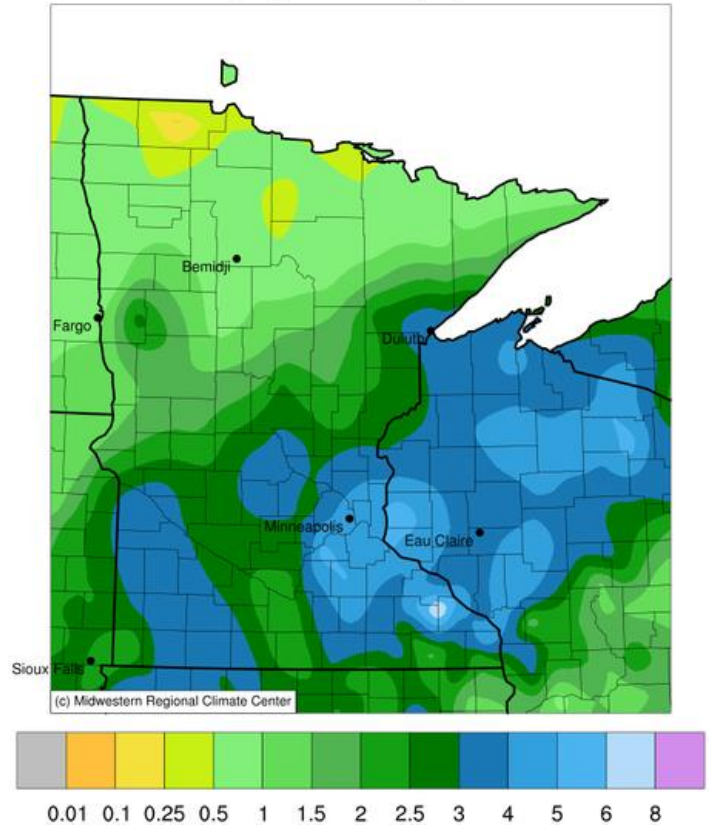
	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Barley.....	0	1	9	63	27
Corn.....	0	2	16	75	7
Hay, all.....	1	2	19	65	13
Oats.....	0	1	18	66	15
Pasture.....	0	4	23	58	15
Spring wheat.....	0	0	7	70	23

# Minnesota Temperatures and Precipitation for the week ending May 21, 2017

Average Temperature (°F): Departure from 1981-2010 Normals  
May 14, 2017 to May 21, 2017



Accumulated Precipitation (in)  
May 14, 2017 to May 21, 2017



National Weather Service data, courtesy of the Minnesota Department of Natural Resources State Climatology Office, is available at: <http://www.dnr.state.mn.us/climate/historical/summary.htm>

Growing Degree Days can be found at <https://mygeohub.org/groups/u2u/gdd>

Temperature and Precipitation Maps, courtesy of the Midwestern Regional Climate Center, are available at: <http://mrcc.isws.illinois.edu/CLIMATE/>