



Minnesota Crop Progress & Condition

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Cooperating with the Minnesota Department of Agriculture

For the week ending June 16, 2019
Issued June 17, 2019

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Favorable weather patterns gave Minnesota farmers **5.0 days suitable for fieldwork** during the week ending June 16, 2019, according to USDA's National Agricultural Statistics Service. Planting is starting to wrap up in Minnesota as operators turn to spraying and fertilizing their crops as conditions allow. Cooler than normal temperatures are still slowing crop development, however crops continued to emerge this week. Most rain showers were observed over the southeast district of Minnesota.

Topsoil moisture supplies were rated 0 percent very short, 3 percent short, 76 percent adequate and 21 percent surplus. **Subsoil moisture** supplies were rated 0 percent very short, 3 percent short, 67 percent adequate and 30 percent surplus.

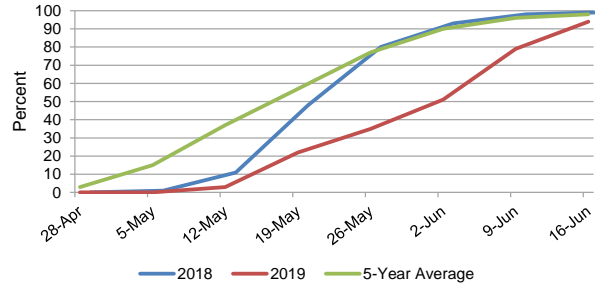
Minnesota **corn** planted was nearly completed this week, with 87 percent of the corn crop emerged, 2 weeks behind normal. Corn condition was rated at 58 percent good to excellent. **Soybeans** were 94 percent planted, 10 days behind average. Seventy percent of the soybean crop had emerged, nearly 2 weeks behind last year and the 5-year average. The first crop condition rating for soybeans came in at 1 percent very poor, 3 percent poor, 30 percent fair, 59 percent good, and 7 percent excellent.

Nearly all of the **spring wheat** crop had emerged, while spring wheat jointed reached 39 percent, 10 days behind average. Spring wheat condition rated 86 percent good to excellent. **Oats** were virtually all emerged, as oats jointed reached 70 percent, 3 days behind the average. Oat condition improved again from the previous week with 69 percent rated good to excellent. **Barley** emergence was practically completed, while barley jointed was 48 percent 5 days behind normal. Barley condition remained steady at 78 percent good to excellent.

Ninety-six percent of **dry edible beans** have been planted, 2 days behind normal. Dry edible beans reached 76 percent emerged, 4 days behind the average. **Sunflowers** were 99 percent planted, now ahead of both last year and the 5-year average. **Potatoes** planted were virtually completed this week. The first **sugarbeet** condition rating came in at 2 percent very poor, 3 percent poor, 13 percent fair, 20 percent good, and 62 percent excellent.

The first cutting of **alfalfa hay** was 54 percent complete, 4 days behind last year and the five-year average. **All hay** condition rated 71 percent good to excellent, up from the previous week. **Pasture condition** rated 65 percent good to excellent.

**Soybeans Planted - Minnesota
For the Third Week of June**



Crop Condition as of June 16, 2019

Item	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Barley	1	1	20	66	12
Corn	2	6	34	51	7
Hay, all	0	3	26	64	7
Oats	1	2	28	56	13
Pasture and range	1	4	30	55	10
Soybeans	1	3	30	59	7
Spring wheat ..	0	1	13	72	14
Sugarbeets	2	3	13	20	62

Crop Progress as of June 16, 2019

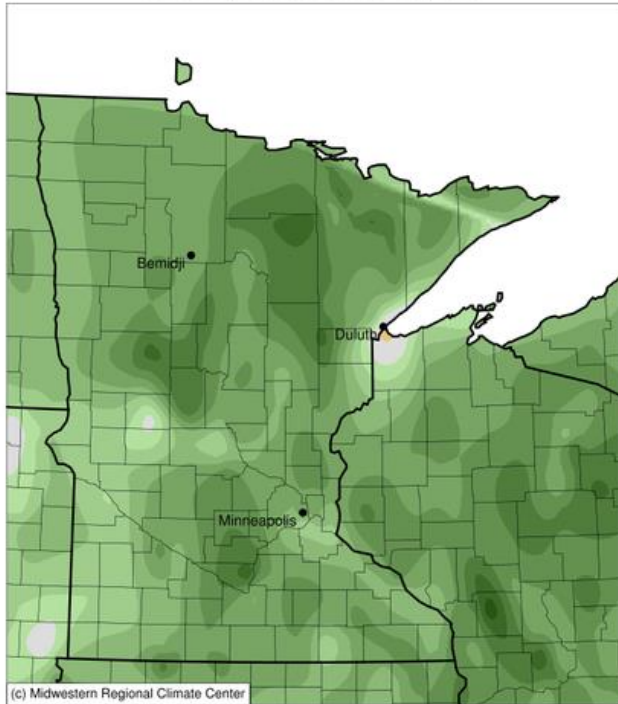
Item	This week	Last Week	Last Year	5-yr Avg
	(percent)	(percent)	(percent)	(percent)
Barley emerged	99	89	96	97
Barley jointing	48	23	53	62
Corn planted	99	92	100	99
Corn emerged	87	69	99	98
Dry edible beans planted	96	87	95	97
Dry edible beans emerged	76	45	90	86
Hay, alfalfa, first cutting	54	29	65	65
Oats emerged	99	90	98	98
Oats jointing	70	42	69	77
Oats headed	9	4	9	24
Soybeans planted	94	79	99	98
Soybeans emerged	70	43	95	93
Spring wheat emerged	99	87	99	99
Spring wheat jointing	39	19	59	63
Sunflowers planted	99	89	96	95

Days Suitable for Fieldwork and Soil Moisture Condition as of June 16, 2019

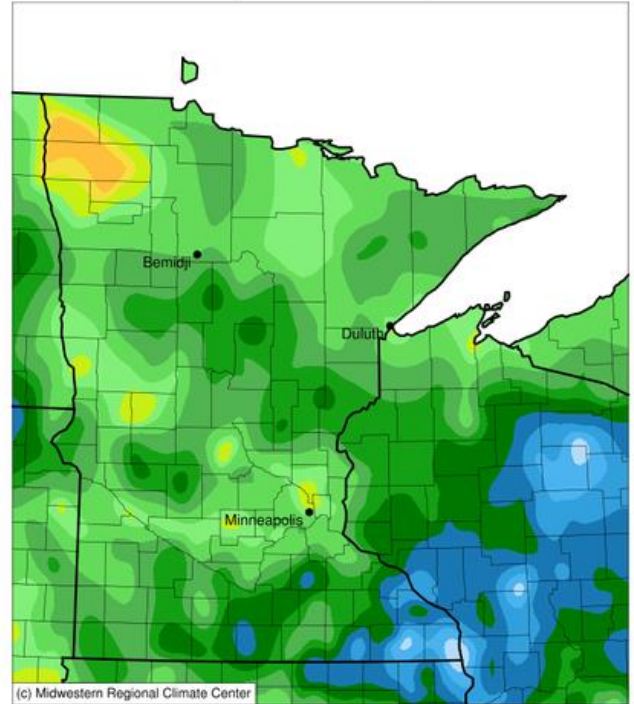
Item	This week	Last Week	Last Year
	(days)	(days)	(days)
Days suitable	5.0	5.3	3.8
	(percent)	(percent)	(percent)
Topsoil moisture			
Very short	0	0	0
Short	3	2	2
Adequate	76	66	71
Surplus	21	32	27
Subsoil moisture			
Very short	0	0	0
Short	3	2	4
Adequate	67	65	75
Surplus	30	33	21

Minnesota Temperatures and Precipitation for the week ending June 16, 2019

Average Temperature (°F): Departure from 1981-2010 Normals
June 10, 2019 to June 16, 2019



Accumulated Precipitation (in)
June 10, 2019 to June 16, 2019



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 6/17/2019 7:40:54 AM CDT



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cli-MATE: MRCC Application Tools Environment
Generated at: 6/17/2019 7:37:02 AM CDT

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.html>

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/>