



Minnesota Crop Progress & Condition

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Cooperating with the Minnesota Department of Agriculture

For the week ending September 1, 2019
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Mostly dry, but much cooler than normal temperatures across Minnesota have slowed crop development during the week ending September 1, 2019, according to USDA's National Agricultural Statistics Service. There were **5.2 days suitable for fieldwork**. Field activities for the week included fall tillage and manure spreading following the conclusion of harvested small grain fields. The start of canola harvest was reported this week. Other reports indicated some issues with aphids in soybean fields.

Topsoil moisture condition was rated 1 percent very short, 13 percent short, 79 percent adequate and 7 percent surplus. **Subsoil moisture** condition was rated 1 percent very short, 8 percent short, 82 percent adequate and 9 percent surplus.

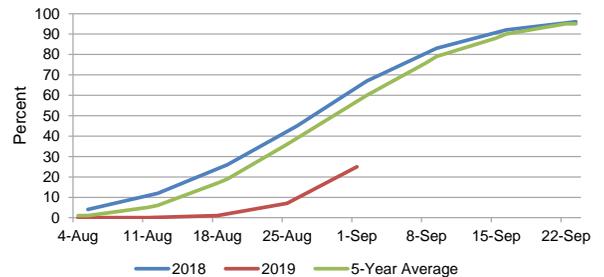
Eighty-four percent of the **corn** crop has reached the dough stage, falling to 11 days behind last year and 9 days behind the 5-year average. Corn dented was 25 percent, nearly 2 weeks behind last year and 10 days behind normal. Corn harvested for silage reached 2 percent this week. Corn condition was rated 55 percent good to excellent. Ninety-seven percent of **soybeans** were setting pods, nearly 2 weeks behind last year and 6 days behind average. Soybeans turning color reached 7 percent, 10 days behind both last year and the average. Soybean condition rated 58 percent good to excellent, declining slightly from the previous week.

Spring wheat harvested reached 65 percent, 9 days behind normal. Eighty-eight percent of **oats** have been harvested, 3 days behind average. Ninety-two percent of the **barley** crop has been harvested, now 1 day ahead of the average.

Dry edible beans dropping leaves reached 48 percent this week, now 3 days ahead of average. Dry edible beans harvested reached 2 percent this week. Dry edible beans condition rated 67 percent good to excellent, improving slightly from the previous week. **Sunflower** condition rated 78 percent good to excellent, declining from the previous week. **Potatoes** harvested reached 15 percent, 8 days behind average. Potato condition rated 93 percent good to excellent. **Sugarbeet** harvest was 5 percent complete this week. Sugarbeet condition was rated 81 percent good to excellent, improving from the previous week.

Pasture condition rated 66 percent good to excellent, declining from the previous week.

Percent of Corn Dented - Minnesota
For the Fifth Week of August



Crop Condition as of September 1, 2019

Item	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn	3	9	33	45	10
Dry edible beans	1	6	26	58	9
Pasture and range	1	7	26	58	8
Potatoes	0	0	7	56	37
Soybeans	2	7	33	50	8
Sugarbeets	2	3	14	26	55
Sunflowers	0	0	22	64	14

Crop Progress as of September 1, 2019

Item	This week	Last week	Last year	5-yr avg
	(percent)	(percent)	(percent)	(percent)
Barley harvested	92	76	99	91
Corn dough	84	74	96	94
Corn dented	25	7	64	57
Dry ed. beans drop leaves	48	15	56	39
Oats harvested	88	76	94	91
Potatoes harvested	15	10	11	22
Soybeans setting pods	97	94	100	98
Soybeans coloring	7	1	33	26
Spring wheat harvested	65	45	97	81
Sugarbeets harvested	5	3	0	3

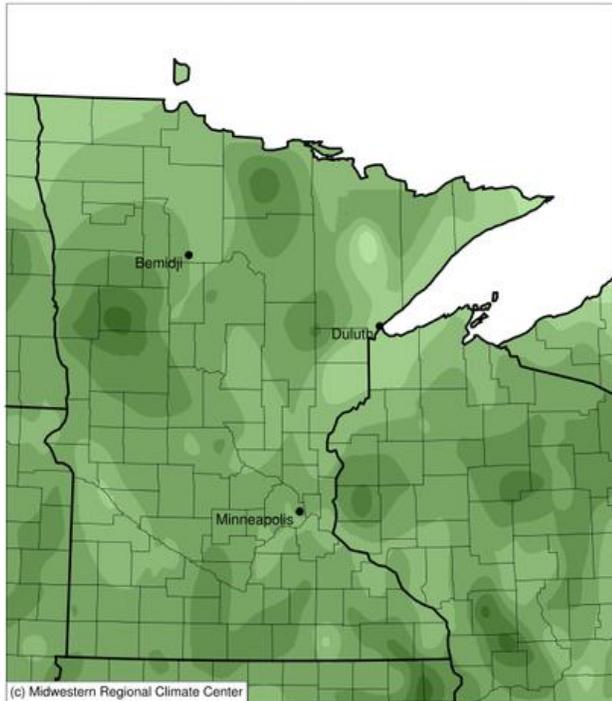
Days Suitable for Fieldwork and Soil Moisture Condition as of September 1, 2019

Item	This week	Last week	Last year
	(days)	(days)	(days)
Days suitable	5.2	5.3	4.8
	(percent)	(percent)	(percent)
Topsoil moisture			
Very short	1	1	5
Short	13	12	15
Adequate	79	80	70
Surplus	7	7	10
Subsoil moisture			
Very short	1	1	6
Short	8	9	16
Adequate	82	81	67
Surplus	9	9	11

Minnesota Temperatures and Precipitation for the week ending September 1, 2019

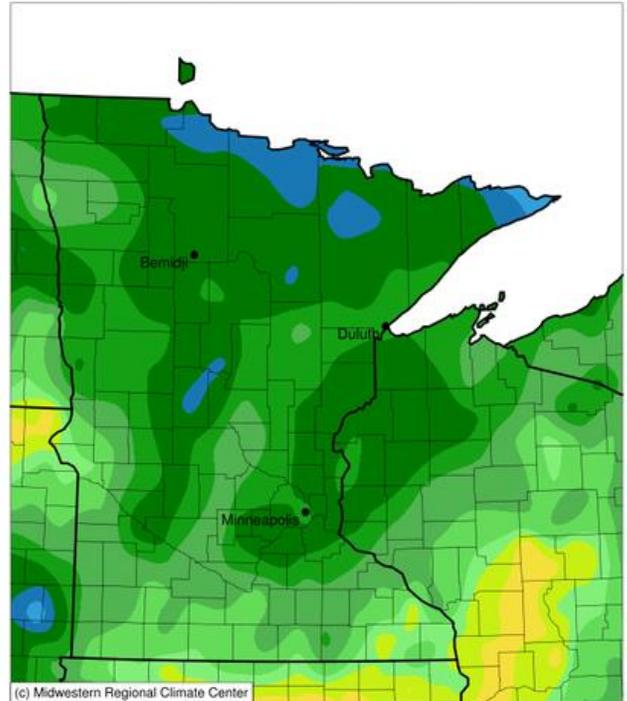
Maps from the *Midwestern Regional Climate Center* reflect data collected from 7:00 A.M. Central Time on August 26, 2019, through 7:00 A.M. Central Time on September 1, 2019.

Average Temperature (°F): Departure from 1981-2010 Normals
August 26, 2019 to September 01, 2019



-8 -7 -6 -5 -4 -3 -2 -1 0 1
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: 9/3/2019 12:21:06 AM CDT

Accumulated Precipitation (in)
August 26, 2019 to September 01, 2019



0.01 0.05 0.1 0.2 0.3 0.5 0.75 1 1.5 2 2.5 3 4
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: 9/3/2019 12:19:46 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.htm>

Growing Degree Days can be found at <https://mrcc.illinois.edu/U2U/gdd/>

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