

Estimated Weekly Crop Water Use for Field Crops in Michigan (in/week)

Week of July 6 - 12, 2026

Crop	Growth stage	Crop water use (in/week)			
		Constantine	Berrien Springs	Entrican	Hart
	Reference ET	1.32	1.44	1.46	1.49
Corn	V8	0.74	0.81	0.82	0.83
	V10	1.00	1.09	1.11	1.13
	V12	1.32	1.44	1.46	1.49
Soybeans	V4 - V5	1.03	1.12	1.14	1.16
	R1	1.32	1.44	1.46	1.49
	R2 - R3	1.45	1.58	1.61	1.64
Potato	Tuberization	1.32	1.44	1.46	1.49
	Blossom	1.32	1.44	1.46	1.49
	Tuber bulk	1.20	1.31	1.33	1.36

KEY TAKEAWAYS

- Corn at the V10–V12 growth stages is using approximately **1.0–1.4 inches of water per week**.
- Soybeans entering early reproductive stages are also at peak water use, requiring 1.3–1.6 inches of water per week (about 0.19–0.23 inches per day). **Irrigated fields are at high risk for white mold.**
- Potatoes in the tuber bulking stage continue to have high water demand, requiring approximately 1.3 inches of water per week.
- **Irrigation demand will remain high** over the next couple of weeks as hot weather moves into the region.

This week estimated rainfall (in/week)

Constantine	Berrien Springs	Entrican	Hart
0.06	0.09	0.06	0.89

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This table presents projected potential crop evapotranspiration values for field crops in Michigan and does not account for precipitation obtained during the week of calculation. The procedure used for the calculation was based on the FAO-56 single crop coefficient approach: <https://www.fao.org/4/X0490E/x0490e0b.htm#TopOfPage>. Reference evapotranspiration values were obtained from <https://enviroweather.msu.edu/>.