

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

Week of August 3 - August 9, 2026

Crop	Growth stage	Crop water use (in/week)			
		Constantine	Berrien Springs	Entrican	Hart
	Reference ET	1.23	1.28	1.07	1.24
Corn	V12	1.23	1.28	1.07	1.24
	VT, Silk, Blister, Dough, Begin Dent	1.35	1.41	1.18	1.36
	Full Dent	1.23	1.28	1.07	1.24
Soybeans	R2 (Full bloom)	1.35	1.41	1.18	1.36
	R3 (Begin pod) - R4 (Full pod)	1.35	1.41	1.18	1.36
	R5 (Begin seed)	1.35	1.41	1.18	1.36
Potato	Tuber bulk	1.05	1.09	0.91	1.05
	Bulk	0.74	0.77	0.64	0.74
	Pre-Senescence	0.37	0.38	0.32	0.37

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/>.

KEY TAKEAWAYS

- **Corn** and **soybean** remain at peak water use, requiring approximately 1.35 inches of water per week. Maintain adequate soil moisture during these critical growth stages to protect yield.
- **Potato** water use is declining, with tuber bulking stages requiring approximately 0.70 inches of water per week.
- Rainfall is expected across most regions this week. Adjust irrigation schedules to account for effective rainfall and monitor irrigated soybeans for increased white mold risk.

This week estimated rainfall (in/week)

Constantine	Berrien Springs	Entrican	Hart
0.27	0.40	0.21	0.33

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