

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

Week of August 10 - August 16, 2026

Crop	Growth stage	Crop water use (in/week)			
		Constantine	Berrien Springs	Entrican	Hart
	Reference ET	0.88	0.95	1.05	1.01
Corn	V14	0.97	1.05	1.16	1.11
	VT, Silk, Blister, Dough, Begin Dent	0.97	1.05	1.16	1.11
	Full Dent	0.88	0.95	1.05	1.01
Soybeans	R2 (Full bloom)	0.97	1.05	1.16	1.11
	R3 (Begin pod) - R4 (Full pod)	0.97	1.05	1.16	1.11
	R5 (Begin seed)	0.97	1.05	1.16	1.11
Potato	Tuber bulk	0.88	0.95	1.05	1.01
	Bulk	0.53	0.57	0.63	0.61
	Pre-Senescence	0.26	0.29	0.32	0.30

KEY TAKEAWAYS

- **Corn** and **soybeans** remain at peak water use, although estimated potential evapotranspiration is lower this week than in previous weeks. Peak water use is approximately 1.1 inches per week.
- **Potato** water use is declining significantly. During the pre-senescence stage, potatoes require approximately 0.30 inches of water per week.
- Rainfall is expected to vary across the region. Southwest Michigan may receive more than 2 inches of rainfall this week, while west-central areas are expected to receive minimal rainfall.

This week estimated rainfall (in/week)

Constantine	Berrien Springs	Entrican	Hart
2.07	2.51	0.15	0.02

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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/>.