

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

Week of August 17 - August 23, 2026

Crop	Growth stage	Crop water use (in/week)			
		Constantine	Berrien Springs	Entrican	Hart
	Reference ET	1.18	1.21	1.17	1.20
Corn	V14	1.30	1.33	1.29	1.32
	VT, Silk, Blister, Dough, Begin Dent	1.30	1.33	1.29	1.32
	Full Dent	1.18	1.21	1.17	1.20
Soybeans	R2 (Full bloom)	1.30	1.33	1.29	1.32
	R3 (Begin pod) - R4 (Full pod)	1.30	1.33	1.29	1.32
	R5 (Begin seed) - R6 (Full seed)	1.30	1.33	1.29	1.32
Potato	Bulk	0.71	0.73	0.70	0.72
	Pre-Senescence	0.35	0.36	0.35	0.36
	Maturity	0.12	0.12	0.12	0.12

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 soybeans remain at peak water use, requiring approximately 1.3 inches of water per week (0.19 inches per day approximately). Maintain soil moisture to reduce water stress and protect yield potential.
- Potato water use at pre-senescence and maturity is low. Pre-senescence require 0.35 inches per week and Maturity approximately 0.12 inches of water per week.
- Rainfall this week is expected to be variable, with little to moderate precipitation across the region

This week estimated rainfall (in/week)

Constantine	Berrien Springs	Entrican	Hart
0.31	0.53	0.34	0.35

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