

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

Week of May 25 - 31, 2026

Crop	Growth stage	Crop water use (in/week)		
		Constantine	Entrican	Hart
	Reference ET	1.34	1.39	1.40
Corn	V2 (2-leaf)	0.13	0.14	0.14
	V4 (4-leaf)	0.24	0.25	0.25
Soybeans	VC (Cotyledon)	0.13	0.14	0.14
	V1 (1 <sup>st</sup> node)	0.27	0.28	0.28
	V2 (2 <sup>nd</sup> node)	0.54	0.56	0.56
Potato	Early vegetation	0.67	0.70	0.70
	Tuberization	1.34	1.39	1.40

## KEY TAKEAWAYS

- Corn and soybean water use remains relatively low during these early growth stages but is increasing to approximately 0.3 inches per week.
- Potato water demand is increasing, with crops near tuberization using around 0.19 inches of water per day.
- Minimal rainfall is expected this week, so continue monitoring soil moisture conditions closely.

This week estimated rainfall (in/week)

Constantine	Entrican	Hart
0.0	0.02	0.0

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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/>.