

Rexburg Idaho				
Daily water* (in.) use averaged across 10 years (2015-2025)				
Emergence Date: 6/10**				
Vine Kill/Harvest Date: 9/15				
Day of month	June	July	August	Septemeber
1		0.19	0.28	0.24
2		0.19	0.26	0.26
3		0.19	0.27	0.23
4		0.19	0.27	0.20
5		0.19	0.25	0.21
6		0.21	0.25	0.20
7		0.21	0.28	0.21
8		0.21	0.25	0.21
9		0.23	0.26	0.20
10	0.09	0.21	0.27	0.20
11	0.09	0.23	0.28	0.20
12	0.09	0.24	0.30	0.17
13	0.10	0.23	0.31	0.18
14	0.11	0.22	0.27	0.16
15	0.11	0.23	0.28	0.16
16	0.12	0.25	0.27	
17	0.11	0.25	0.29	
18	0.11	0.26	0.27	
19	0.12	0.26	0.25	
20	0.11	0.26	0.23	
21	0.13	0.25	0.26	
22	0.13	0.28	0.25	
23	0.14	0.26	0.25	
24	0.16	0.28	0.26	
25	0.15	0.27	0.26	
26	0.16	0.27	0.23	
27	0.17	0.24	0.23	
28	0.16	0.24	0.24	
29	0.16	0.26	0.26	
30	0.16	0.27	0.26	Season Total
31		0.28	0.23	21.17

* Ten-year average daily water use values of measured evapotranspiration from weather data collected from Rexburg Idaho AgriMet weather station (RXGI) using ASCE standard Penman-Monteith model.

** If emergence date differs from above date, shift the values to aline with a specific emergence date.

Although this table closely reflects estimated daily crop water demand, it should be used only as a guide for irrigation management decisions and not as a substitute for in-field observations.

Washington State University Potato Research Group

J. Meeuwsen, M. Pavek, Z. Holden, R. Garza, and V. Cantu

