

Plant Name	Scientific	Common	Method (Cutting, seed, or other)
<i>Callirhoe involucrata</i>		Prairie Winecups	Seed (preferred) or cutting

Propagation Procedures

Seed germinates better after hot water scarification. Place desired amount of seed in a mason jar. Fill remainder of jar with water that is hotter than 160°, but not quite boiling. Seal jar, and bury in perlite to allow seed to cool down slowly. Remove seed from jar on the following day, and rinse over a screen. Sow seed in an open 1020 flat and cover it. Place tray under mist until seed germinates. When sufficient quantities of seeds have germinated, prick out seedlings with a dibble. Do not disturb the soil excessively while pricking out seedlings. Return the tray to the bench, and wait for more seedlings to germinate. Seed does not germinate uniformly; it germinates over a period of time. Continue to prick out seedlings until it becomes apparent that no more seed will germinate. Probably no more than 20% of the seed will ever germinate, because the majority of the seeds are empty. Two-node cuttings will root with 1:10 Dip'n Grow,® but losses are sometimes unacceptably high. Soaking seed for five minutes in undiluted Fascination® can also break dormancy, and is an acceptable substitute for hot water scarification.

Collection Timing and Sources

Start collecting in the last week of July. Collected seed from my home garden on 9/27/07; timing was excellent. Ron Arpin collected in his yard on 10/25/10. Collected at LVWN on 7/27/12; could have collected earlier. Started collecting at LVWN on 7/26/16.

Rooting Percentage	Germination Percentage	Hormone (seed)	(cutting)
Low	Low	Fascination®	1:5 Dip'n Grow®
Collection Date	Days to Finish	Sources	
Late July-early October	90 (P-128)	Western Native Seed, Prairie Moon	

Notes

Seeding Instructions:

Seed Flats

Units	Units Seed/Flat	Cost Per Unit	Seeds Per Unit	Seeds Per Flat	Cost Per Flat
				0	\$0.00

Plug Trays

Plug Size	Needle Color	Needles/Cell	Speed	Vibration	Passes	Cover?	Stratify?	Seeds/Cell	Cost/Seed	Cost/Plug
P-50		2								\$0.00