

Plant Name	Scientific	Common	Family
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Callirhoe involucrata var. *involucrata*

Prairie Winecup, Poppy Mallow

Mallow family (Malvaceae)

Propagation Method	Native to
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Seed, Cutting

Central US from Canada to Mexico Including Colorado

Treatments (Suggested procedures)

SEED: Pretreatment of seeds is necessary, scarify seeds with Acid, ZeroTol or a hot water bath: I use ZeroTol and a hot water bath combo. Place clean seeds in a thermos coffee mug and add ZeroTol to cover seeds let sit for 20 to 30 min add hot water to ZeroTol seed mix and let sit 1hr then rinse clean, add Sodium Bicarbonate to seeds no added water stir let sit 20 min, rinse seeds then add near boiling water 180°F over seeds with a few drops of Dawn dish-washing liquid to the thermos cover and let sit overnight. Seeds are ready to plant in trays lightly cover seeds with per-lite You should see some seed germination in less than a week. After you have transplanted the young plants you can obtain a new flush of plants from other dormant seeds by placing the used tray in the cooler for 1 mo at 41°F.

More thoughts: 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.

Cuttings of young shoots dipped in rooting hormone, mist 2-3 days. Two-node cuttings will root with 1:10 Dip'n Grow, but losses are sometimes unacceptably high.

Collection Timing and Strategies

Summer and Fall: Hand pick seeds or wheels all season long.

At the end of season cut stems and dry them in open large trash bags, clean seeds from stems when dry.

Break wheels into individual seeds with a rolling pin if necessary.

Cultural Information

Greenhouse conditions

No special care needed, very forgiving once started.

Slugs can be a problem on small plants.

Garden conditions

Self sufficient plant, minimal care if any needed, drought tolerant, doesn't like wet feet.
Will go dormant in drought situations with regrowth occurring when moisture returns.

Other Expert Advice

A favorite of rabbits and other foragers.
Edible roots and leaves when cooked.
A nice soothing aloe substitute produced from leaves.

ZeroTol: Hydrogen Dioxide is made by Bio Safe Systems, this product will burn your skin
You can use Hydrogen Peroxide but soak seeds for 6 hrs or more