

Mimulus guttatus DC.

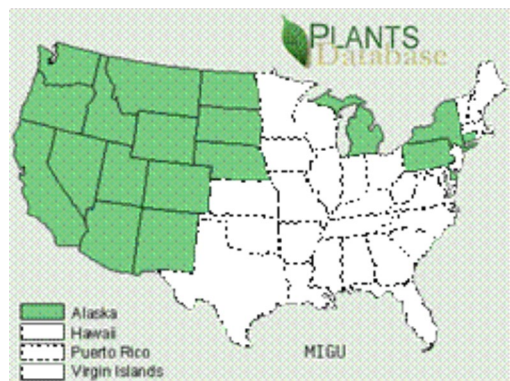
seep monkeyflower/seep-spring monkeyflower



Image source: <http://plants.usda.gov/>

©W.L. Wagner. Courtesy of [Smithsonian Institution, Dept. of Systematic Biology, Botany, Usage Guidelines](#).

Range



Source: <http://plants.usda.gov/>

Climate, elevation

Mimulus guttatus grows in what a wide range of wet climates

It tolerates:

- rainfall from 10-24"
- elevation from sea level to above 3000m (1)

Local occurrence

Mimulus guttatus is a commonly occurring plant found in a wide variety of wetland habitats from lowlands to high mountain regions. (2,3)

Habitat preferences

Wet, sunny sites:

- wet ditches and clearings
- swamps
- stream banks
- wet cliffs/weeping rock faces
- wet prairies and meadows
- marshy places
- springs
- pond edges (4,6)

Plant strategy type/successional stage

Mimulus guttatus is a colonizer of wet sunny habitats, although it tolerates partial shade. It is a moderate tolerator of fire and anaerobic conditions. (1)

Associated species

Juncus spp. (rushes) and *Carex* spp. (sedges) (6)

May be collected as:

The plant may be collected as seed or sprigs. (1)

Collection restrictions or guidelines

- caution: seeds are poisonous!
- collect seeds in late summer
- allow seedheads to dry on the plant, then remove seeds (7)

Seed germination

No dormancy breaking is required. (1)

Seed life (can be stored, short shelf-life, long shelf-life)

Not specified.

Recommended seed storage conditions

Store in a cool dry location in paper bags.

Propagation recommendations

Direct sowing is recommended at 65°F in the presence of light. (7,8)

Soil or medium requirements

Soil pH should be between 6.0 and 8.0. (1)

Installation form

Direct sowing onto the site is the most successful method. Established plants will self-sow.

Recommended planting density

Planting density (per acre) is 2700-4800. (1)

Care requirements after installed

Requires constantly moist soil. (7)

Normal rate of growth or spread; lifespan

It grows rapidly and has a short lifespan. It spreads vegetatively at moderate rate. (1)

Sources cited

1. <http://plants.usda.gov/>
2. <http://www.ex.ac.uk/~MRMacnai/guttatus.html>
3. Pojar, Jim, Mackinnon, Andy. Plants of the Pacific Northwest Coast. Canada: Lone Pine, 1994.
4. Kruckeberg, A.R. Gardening with Native Plants. University of Washington, Seattle, WA, 1982.
5. <http://www.nativeplantnetwork.org/>
6. Guard, B. Jennifer. Wetland Plants of Oregon and Washington. Lone Pine Publishing. Vancouver, B.C. 1995.
7. <http://davesgarden.com/pf/go/37920/>
8. <http://tomclothier.hort.net/page06.html#M>

Data compiled by: Julia Walker, 6/3/05