

Plant Data Sheet for Arnica latifolia, Mountain arnica

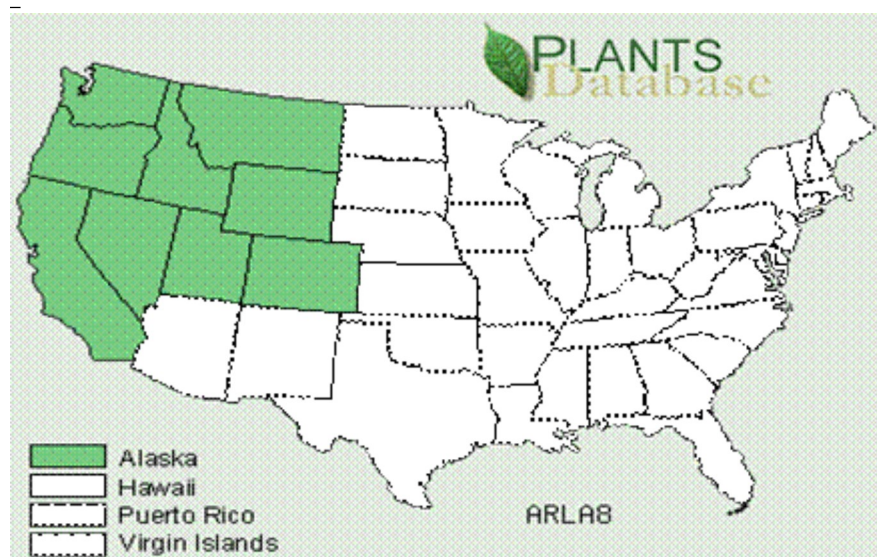


Species

Arnica latifolia, Mountain arnica

Range

Alaska and Mackenzie south to California and Colorado



Climate, elevation

Mid to high elevation

Local occurrence (where, how common)

See habitat preferences for where

Habitat preferences

Open forest sub-alpine meadows; Grand fir and Western red cedar forests at mid elevation in mountains; full sun with intermediate shade tolerance; precipitation requirements 14-40 inches/year

Plant strategy type/successional stage (stress-tolerator, competitor, weedy/colonizer, seral, late successional)

?

Associated species

?

May be collected as: (seed, layered, divisions, etc.)

seeds, sprigs

Collection restrictions or guidelines

Flowers May through August

Seed germination (needs dormancy breaking?)

No need for stratification unless trying to sow in the spring instead of the fall

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

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Recommended seed storage conditions

?

Propagation recommendations (plant seeds, vegetative parts, cuttings, etc.)

seed or root division in spring

Soil or medium requirements (inoculum necessary?)

Well drained humus-rich acid soil; adapted to coarse textured soils

Installation form (form, potential for successful outcomes, cost)

seed or container

Recommended planting density

7-11 thousand per acre (5-6 lbs.)

Care requirements after installed (water weekly, water once etc.)

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Normal rate of growth or spread; lifespan

Slow spread

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Sources cited

http://plants.usda.gov/cgi_bin/plant_attribute.cgi?symbol=ARLA8

<http://earthnotes.tripod.com/arnica.htm>

Pojar, Mackinnon. Plants of the Pacific Northwest Coast, Lone Pine Publishing, 1994.

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Data compiled by

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