

Plant Data Sheet



Species (common name, Latin name)

Bearberry, *Arctostaphylos uva-ursi*

Range

Coastal Northern California to Canada. (nmsu.edu)

Climate, elevation

Tolerates cold winters and dry summers; found from sea level to 11,000'. (nmsu.edu)

Local occurrence (where, how common)

Dry open mountainsides; frequently occurring. (nmsu.edu)

Habitat preferences

Prefers sunny and dry locations with sandy or gravely acidic soil. (nmsu.edu)

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

Tolerates limited trampling, difficult to repopulate after logging disturbances. (fs.fed.us)

Associated species

Grand fir, Lodge pole pine, Juniperus. (fs.fed.us)

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

Best propagated by cuttings. (Hartmann & Kester's)

Collection restrictions or guidelines

Take terminal cuttings in late winter or early spring. (Hartmann & Kester's)

Seed germination (needs dormancy breaking?)

Seed has a double-dormancy that requires breaking. Three to six hours scarification in sulfuric acid or insertion into boiling water and then removed from heat to cool in the water for twenty four hours. (Hartmann & Kester's)

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

A hard seed coat and dormant embryo make for a long shelf-life.

Recommended seed storage conditions

Probably best attained by cool dry storage.

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

Cuttings should be submerged in a solution of 5% to 10% Clorox, then IBA talc form at 8000 ppm.

Intermittent mist and bottom heat of 21° C. (Hartmann & Kester's)

Soil or medium requirements (inoculum necessary?)

Any slightly acidic soil (ecy.wa.gov)

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

Good ground cover in sunny locations. Grows 6"-12" in height with a spread of up to 12'. (ucdavis.edu)

Recommended planting density

Plant 8' apart from each other, and about 8' away from fences, paths, ditches, ect. (dot.ca.gov) Plant only 2' apart (ecy.wa.gov)

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

Water deeply weekly, more frequent in hot weather. Best if planted in fall. Once established deep watering every two to three weeks will give best appearance. (ucdavis.edu)

Normal rate of growth or spread; lifespan

Slow grower (ucdavis.edu) Lifespan of 25 years (ecy.wa.gov)

Sources cited

<http://medplant.nmsu.edu/ursi.htm>

<http://www.ecy.wa.gov/programs/sea/pubs/93-30/table3.html>

<http://www.fs.fed.us/r6/uma/native/ts15.htm>

<http://ucce.ucdavis.edu/files/filelibrary/40/959.pdf>

http://www.dot.ca.gov/dist4/airspace/documents/plant_list.pdf

Hartmann & Kester's Plant Propagation Principles and Practices. 2002 Pearson Education, Inc., Upper Saddle River, New Jersey.

Data compiled by (student name and date)

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