

Plant Propagation Protocol for: *Lonicera caerulea* L.

TAXONOMY

Family Names:

Family Scientific Name: Caprifoliaceae

Family Common Name: Honeysuckle family

Scientific Names:

Genus: *Lonicera* L.

Species: *caerulea*

Species Authority:

Variety:

Subspecies:

Cultivar:

Authority for variety/subspecies:

Common Synonym(s):

Common Name(s): sweetberry honeysuckle, fly honeysuckle, blue honeysuckle (NRCS Plant Database); blueberry honeysuckle, edible honeysuckle, Kamchatka honeysuckle, mountainfly honeysuckle (USDA GRIN).

Species Code: LOCA6

GENERAL INFORMATION:

Geographical Range: Native to temperate and tropical Asia; Europe; North America (USDA GRIN).

Ecological distribution: Moist soil, dappled shade to full sun (PFAF).

Climate and elevation range: Low to moderate elevation.

Local habitat and abundance: Along the western side of the United States: Washington, Oregon, Idaho, California, and Wyoming. Blooms in June and July in Washington state. Grows mostly west of the Cascades, particularly in open woodland settings (BURKE).

Plant strategy type/successional stage:

Plant characteristics: Perennial shrub (UT NPD). Ornamental usage. Also edible fruit. (USDA GRIN). Grows up to 2 meters in height. Flowers are hermaphrodite, and pollinated by insects, especially bees. Flowers April through July, depending on region. White and yellow blooms, which grow in pairs. Elliptic to oblong leaves, 2-6 centimeters in length. (BURKE).

PROPAGATION DETAILS:

Ecotype:

Propagation Goal: Plants.

Propagation Method: Seed, cuttings.

Product Type: Sow seed in cold frame. Seedlings in individual pots, kept in greenhouse for first winter. (PFAF).

Stock Type:

Time to Grow:

Propagule Collection: Cuttings of half-ripe wood, 7 - 10cm with or without a heel. July/August in a frame. Cuttings of mature wood of the current season's growth, 15 - 20cm with or without a heel, November in a cold frame. (PFAF)

Propagule Processing/Characteristics:

Pre-planting Propagule Treatments:

Growing Area Preparation/Annual Practices for Perennials: Minimum temperature of 30 degrees F.

Establishment Phase:

Length of Establishment Phase:

Active Growth Phase: Grows to 1 meter in container.

Length of Active Growth Phase:

Hardening Phase:

Length of Hardening Phase:

Harvesting, Storage, Shipping of Seedlings: Stored seed requires 2 months of cold stratification. (PFAF)

Length of Storage: Long shelf-life.

Guidelines for Outplanting/Performance on Typical Sites: Outplant in late spring to early summer, after last expected frost. Layering in Autumn. (PFAF).

Other comments:

REFERENCES:

1. United States Department of Agriculture, Natural Resources Conservation Service (USDA NRCS)
<http://plants.usda.gov/java/profile?symbol=LOCA6>
2. Plants for a Future Database (PFAF)
<http://www.pfaf.org/user/Plant.aspx?LatinName=Lonicera+caerulea>
3. United States Department of Agriculture Germplasm Resources Information Network (USDA GRIN)
<http://www.ars-grin.gov/cgi-bin/npgs/html/taxon.pl?22559>
4. Integrated Taxonomic Information System (ITIS)
http://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=503543
5. The University of Texas at Austin Native Plants Database (UT NPD)
http://www.wildflower.org/plants/result.php?id_plant=LOCA6
6. Burke Museum of Natural History and Culture, Washington Native Plant Society (BURKE)
<http://biology.burke.washington.edu/herbarium/imagecollection.php?Genus=Lonicera&Species=caerulea>

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