

## Klamath-Siskiyou Native Seeds

## **Quick & Easy Guide to Native Seed Germination**

## January 2021

Vine maple	Acer circinatum	30-60 days warm-moist stratification followed by 90-120 days cold-moist stratification. Sow outside in fall.
Rocky mountain maple	Acer glabrum	6 months warm-moist stratification followed by 6 months cold-moist stratification, OR 2-6 months cold-moist stratification followed by warm-moist stratification for 90 days.
Common yarrow	Achillea millefolium	No pretreatment required. Sow outside in fall or spring, on or just below the soil surface. Needs warm soil and light to germinate.
Vanillaleaf	Achlys triphylla	60 days cold-moist stratification. Sow outside in fall to late winter.
Blow wives	Achyrachaena mollis	No pretreatment necessary. Best germination will be achieved if sown outside in fall through early winter.
Columbia monkshood	Aconitum columbianum	60 days cold-moist stratification. Sow outside in fall to late winter.
Red baneberry	Actaea rubra	2-3 months cold-moist stratification, followed by 2-3 months warm-moist stratification, and then another 3 months cold-moist stratification. May take two years to germinate.
Trail plant	Adenocaulon bicolor	No pretreatment required. Sow outside in fall to early spring.
Horsemint	Agastache urticifolia	30-60 days cold-moist stratification. Sow outside in fall to late winter.
Western joepiweed	Ageratina occidentalis	No pretreatment required. Sow outside in fall to early spring. Germination may be improved with 30 days cold stratification
California dandelion	Agoseris grandiflora	No pretreatment required. Sow outside in fall to early spring. Germination may be improved with 30 days cold stratification.
Spearleaf mountain dandelion	Agoseris retrorsa	No pretreatment required. Sow outside in fall to early spring. Germination may be improved with 30 days cold stratification.
Tapertip onion	Allium acuminatum	30-60 days cold-moist stratification. Sow outside in fall to late winter.
Pacific mountain onion	Allium validum	60-90 days cold-moist stratification. Sow outside in fall to early winter.
Menzies' fiddleneck	Amsinckia menziesii	60 days cold-moist stratification. Sow outside in fall for best germination.
Pearly everlasting	Anaphalis margaritacea	No pretreatment required. Sow outside in fall to early spring.
Sharptooth angelica	Angelica arguta	60 days cold-moist stratification. Sow outside in fall to early winter.
Ranger's buttons	Angelica capitellata	Sow seeds outside in fall to early winter.
Woodland madia	Anisocarpus madioides	30-60 days cold-moist stratification. Sow outside in fall to late winter.
Western columbine	Aquilegia formosa	60-90 days cold-moist stratification. Sow outside in fall to early winter.
California spikenard	Aralia californica	90-120 days cold-moist stratification. Sow outside in fall for best germination.
Pacific madrone	Arbutus menziesii	30-60 days cold-moist stratification. Sow seeds outside in fall to early winter.
Mountain arnica	Arnica latifolia	No pretreatment necessary, however, seed germination may improve with 30 days cold-moist stratification. Sow outside in fall to early spring. Seeds need light to germinate. Sow on soil surface or lightly cover.
Goat's beard	Aruncus dioicus	30-60 days cold-moist stratification. Sow outside in fall to late winter. Plant on soil surface or lightly cover. Seed needs light to germinate.
Heartleaf milkweed	Asclepias cordifolia	60 days cold-moist stratification. Sow outside in fall to early spring.
Narrowleaf milkweed	Asclepias fascicularis	60 days cold-moist stratification. Sow outside in fall to early spring.
Showy milkweed	Asclepias speciosa	60 days cold-moist stratification. Sow outside in fall to early spring.
California harebell	Asyneuma prenanthoides	60 days cold-moist stratification. Sow in fall to late winter. Sow on soil surface or lightly cover. Seed needs light to germinate.
Deltoid balsamroot	Balsamorhiza deltoidea	90 days cold-moist stratification. Sow outside in fall.
Tall Oregon grape	Berberis (Mahonia) aquifolium	90 days cold-moist stratification. Sow outside in fall to early winter.
Cascade Oregon grape	Berberis (Mahonia) nervosa	60 days cold-moist stratification. Sow in fall to late winter.

Harvest brodiaea	Brodiaea elegans	No pretreatment necessary, but germination may be improved with 30 days cold-moist stratification. Sow seeds outside in fall to early spring.
California brome	Bromus carinatus	No pretreatment required. Sow outside in fall to early spring.
Chinook brome	Bromus laevipes	No pretreatment required. Sow outside in fall to late winter.
Tolmie's cats ear	Calochortus tolmiei	30-60 days cold-moist stratification. Sow outside in fall to late winter.
Marsh marigold	Caltha leptosepala	60-90 days cold-moist stratification. Sow outside in fall to early winter.
Large camas	Camassia leichtlinii	60-90 days cold-moist stratification. Sow outside in fall to early winter.
Common camas	Camassia quamash	60-90 days cold-moist stratification. Sow outside in fall to early winter.
Deer brush	Ceanothus integerrimus	Soak in hot (not boiling) water for 24 hours, then 60-90 days cold-moist stratification. Sow outside in fall to early winter.
Snowbrush	Ceanothus velutinus	Soak in hot (not boiling) water for 24 hours, then 60-90 days cold-moist stratification. Sow outside in fall to early winter.
Western redbud	Cercis occidentalis	Soak in hot (not boiling) water for 24 hours, then 60-90 days cold-moist stratification. Sow outside in fall to early winter.
Birch leaf mountain mahogany	Cercocarpus betuloides	60 days cold-moist stratification. Sow outside in fall to late winter.
Curl leaf mountain mahogany	Cercocarpus ledifolius	60-90 days cold-moist stratification. Sow outside in fall to early winter.
Dusty maidens	Chaenactis douglasii	30 days cold-moist stratification. Sow outside in fall to late winter.
Fireweed	Chamerion angustifolia	60 days cold-moist stratification. Sow outside in fall to late winter.
Soaproot	Chlorogalum pomeridianum	No pretreatment required. Sow outside in fall to early spring.
Western thistle	Cirsium occidentale	60-90 days cold-moist stratification. Sow outside in fall to late winter. Fresh seed may germinate with fall rain if planted in late summer to early fall.
Winecup clarkia	Clarkia purpurea	No pretreatment required. May germinate with fall rain or in early spring. Sow outside in fall. Sow at a shallow depth or surface sow.
Diamond clarkia	Clarkia rhomboidea	No pretreatment required. May germinate with fall rain or in early spring. Sow outside in fall. Sow at a shallow depth or surface sow.
Western clematis	Clematis ligusticifolia	30-60 days cold-moist stratification. Sow outside in fall to late winter.
Giant blue eyed mary	Collinsia grandiflora	Sow seeds outside in fall.
Grand collomia	Collomia grandiflora	No pretreatment required. Sow outside in fall to early spring.
Brown dogwood	Cornus glabrata	60-90 days cold-moist stratification. Sow seeds outside in fall.
Pacific dogwood	Cornus nuttallii	90 days cold-moist stratification. Sow outside in fall.
Black hawthorn	Crataegus douglasii	90-120 days cold-moist stratification. Sow outside in fall.
Hound's tongue	Cynoglossum grande	30-60 days cold-moist stratification. Sow outside in fall to late winter.
California oatgrass	Danthonia californica	60-90 days cold-moist stratification. Sow seeds outside in fall.
Umbrella plant	Darmera peltata	No pretreatment required. Surface sow in early spring and keep the soil very moist.
Mountain larkspur	Delphinium glaucum	90-120 days cold-moist stratification. Sow outside in fall.
Meadow larkspur	Delphinium nuttallianum	90-120 days cold-moist stratification. Sow outside in fall.
Tufted hairgrass	Deschampsia cespitosa	No pretreatment required. Sow outside in fall to early spring.
Blue dicks	Dichelostemma capitatum	30 days cold-moist stratification. Sow outside in fall to late winter.
Ookow	Dichelostemma congestum	30 days cold-moist stratification. Sow outside in fall to late winter.
Henderson's shooting star	Dodecatheon hendersonii	60-90 days cold-moist stratification. Sow outside in fall to early winter.
Squirreltail grass	Elymus elymoides	No pretreatment required. Sow outside in fall to early spring.
Blue wildrye	Elymus glaucus	No pretreatment required. Sow outside in fall to early spring.

Frontes santa  Enrolectyon californicum  Frontes santa  Frontes santa  Enrolectyon  Enrolectyon	Capitate sandwort	Eremogone congesta	60-90 days cold-moist stratification. Sow outside in fall to early winter.
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Glacier Illy Erythronium grandifforum 90-120 days cold-moist stratification. Sow seeds outside in the fall.  Bruthronium hendersonii 90 days cold-moist stratification. Sow outside in fall.  California poppy Exchscholzia californica 30 days cold-moist stratification. Sow outside in fall or early spring.  California poppy Exchscholzia californica 30 days cold-moist stratification. Sow outside in fall or early spring.  California fescue Festuca californica 30 days cold-moist stratification. Sow outside in fall or early spring.  California coffeeberry Frangula californica 90 days cold-moist stratification. Sow outside in fall to early winter.  Cascara Frangula purshiana 60-90 days cold-moist stratification. Sow outside in fall to early winter.  Cascara Frangula purshiana 60-90 days cold-moist stratification. Sow seeds outside in fall.  Fremont's silk tassel Garrya fremontii 90-120 days cold-moist stratification. Sow seeds outside in the fall.  Largeleaf avens Geum macrophyllum No pretreatment required. Sow outside in fall to early spring.  Bluehead gilia Gilia capitata 30 days cold-moist stratification. Sow outside in fall to late winter.  Jesica stickseed Hackelia micrantha 60 days cold-moist stratification. Sow outside in fall to late winter.  White rushlity Hastingsia alba 60-90 days cold-moist stratification. Sow outside in fall to late winter.  White rushlity Hastingsia alba 60-90 days cold-moist stratification. Sow outside in fall to late winter.  White rushlity Heacleum maximum 120 days cold-moist stratification. Sow outside in fall to late winter.  No pretreatment required. Sow seeds outside in fall to late winter.  No pretreatment required. Sow seeds outside in fall to late winter.  White rushlity Heacleum maximum 120 days cold-moist stratification. Sow outside in fall to late winter.  No pretreatment required. Sow seeds outside in fall to late winter.  No pretreatment required. Sow seeds outside in fall to late winter.  No pretreatment required. Sow seeds outside in fall to late winter.  Od days cold-mois	Yellow seep monkey flower	Erythranthe (Mimulus) guttata	
Henderson's fawn lily  Erythronium hendersoniii  90 days cold-moist stratification. Sow outside in fall.  California poppy  Eschscholzia californica  30 days cold-moist stratification. Sow outside in fall or early spring.  Western goldentop  Euthamia occidentalis  No pretreatment required. Sow outside in fall or early spring.  California fescue  Festuca californica  30 days cold-moist stratification. Sow outside in fall or early spring.  California coffeeberry  Frangula californica  90 days cold-moist stratification. Sow outside in fall or early spring.  Cascara  Frangula purshiana  60-90 days cold-moist stratification. Sow outside in fall to early winter.  Cascara  Frangula purshiana  60-90 days cold-moist stratification. Sow in fall to early winter.  Searlet fritillary  Fritillaria recurva  90 days cold-moist stratification. Sow seeds outside in fall.  Fremont's silk tassel  Garya fremontii  90-120 days cold-moist stratification. Sow seeds outside in fall.  Largeleaf avens  Geum macrophyllum  No pretreatment required. Sow outside in fall to early spring.  Bluehead gilia  Gilia capitata  30 days cold-moist stratification. Sow outside in fall to late winter.  Jessica stickseed  Hackelia micrantha  60 days cold-moist stratification. Sow outside in fall to late winter.  White rushlity  Hastingsia alba  60-90 days cold-moist stratification. Sow outside in fall to late winter.  No pretreatment required. Sow outside in fall to late winter.  White rushlity  Hastingsia alba  60-90 days cold-moist stratification. Sow outside in fall to late winter.  White rushlity  Hastingsia alba  60-90 days cold-moist stratification. Sow outside in fall to late winter.  No pretreatment required. Sow seeds outside in fall to late winter.  No pretreatment required. Sow seeds outside in fall to late winter.  Owenarship  Heracleum maximum  120 days cold-moist stratification. Sow outside in fall to late winter.  60 days cold-moist stratification. Sow outside in fall.  60 days cold-moist stratification. Sow outside in fall.  80 days cold-m	Lemon colored fawn lily	Erythronium citrinum	90-120 days cold-moist stratification. Sow seeds outside in the fall.
Oregon fawn lily  Exphronium oregonum  90 days cold-moist stratification. Sow outside in fall.  California poppy  Exchecholzia californica  30 days cold-moist stratification. Sow outside in fall to early spring.  California fescue  Festuca californica  30 days cold-moist stratification. Sow outside in fall to early spring.  California coffeeberry  Frangula californica  90 days cold-moist stratification. Sow outside in fall to early spring.  Cascara  Frangula purshiana  60-90 days cold-moist stratification. Sow outside in fall to early winter.  Cascara  Frangula purshiana  60-90 days cold-moist stratification. Sow seeds outside in fall.  Fremont's silk tassel  Garrya fremontii  90-120 days cold-moist stratification. Sow seeds outside in fall.  Largeleaf avens  Geum macrophyllum  No pretreatment required. Sow outside in fall to early spring.  Bluehead gilia  Gilia capitata  30 days cold-moist stratification. Sow outside in fall to early spring.  Bluehead gilia  Gilia capitata  30 days cold-moist stratification. Sow outside in fall to late winter.  Jesica stickseed  Hackelia micrantha  60 days cold-moist stratification. Sow outside in fall to late winter.  White rushlily  Hastingsia alba  60-90 days cold-moist stratification. Sow outside in fall to late winter.  Blander's smetowed  Helenium bigelovii  30 days cold-moist stratification. Sow outside in fall to late winter.  Bolander's smetowed  Helenium bigelovii  30 days cold-moist stratification. Sow outside in fall to late winter.  Cowparsnip  Heracleum maximum  120 days cold-moist stratification. Sow outside in fall to late winter.  60 days cold-moist stratification. Sow outside in fall to late winter.  80 days cold-moist stratification. Sow outside in fall to late winter.  80 days cold-moist stratification. Sow outside in fall to late winter.  80 days cold-moist stratification. Sow outside in fall to late winter.  80 days cold-moist stratification. Sow outside in fall.  80 days cold-moist stratification. Sow outside in fall.  80 days cold-moist stratification.	Glacier lily	Erythronium grandiflorum	90-120 days cold-moist stratification. Sow seeds outside in the fall.
California poppy  Exclascholzia californica  30 days cold-moist stratification. Sow outside in fall to early spring.  California fescue  Festuca californica  30 days cold-moist stratification. Sow outside in fall or early spring.  Roemer's fescue  Festuca roemeri  30 days cold-moist stratification. Sow outside in fall or early spring.  California coffeeberry  Frangula californica  90 days cold-moist stratification. Sow outside in fall to early winter.  Cascara  Frangula purshiana  60-90 days cold-moist stratification. Sow in fall to early winter.  Scarlet fritillary  Fritillaria recurva  90 days cold-moist stratification. Sow seeds outside in fall.  Fremont's silk tassel  Garrya fremontii  90-120 days cold-moist stratification. Sow seeds outside in the fall.  Largeleaf avens  Geum macrophyllum  No pretreatment required. Sow outside in fall to early spring.  Bluehead gilia  Gilta capitata  30 days cold-moist stratification. Sow outside in fall to late winter.  Jessica stickseed  Hackelia micrantha  60 days cold-moist stratification. Sow outside in fall to late winter.  White rushlity  Hastingsia alba  60-90 days cold-moist stratification. Sow outside in fall to late winter.  White rushlity  Hastingsia alba  60-90 days cold-moist stratification. Sow outside in fall to late winter.  Bolander's sunflower  Helianthus bolanderi  No pretreatment required. Sow seeds outside in fall to late winter.  Who spective days cold-moist stratification. Sow outside in fall to late winter.  Oceanspray  Holodiscus discolor  90-120 days cold-moist stratification. Sow outside in fall.  Soak in hot (not boiling) water for 24 hours, then 60-90 days cold-moist stratification. Sow outside in fall.  Soak in hot (not boiling) water for 24 hours, then 60-90 days cold-moist stratification. Sow outside in fall.	Henderson's fawn lily	Erythronium hendersonii	90 days cold-moist stratification. Sow outside in fall.
Western goldentop         Euthamia occidentalis         No pretreatment required. Sow outside in fall to early spring.           California fescue         Festuca californica         30 days cold-moist stratification. Sow outside in fall or early spring.           Roemer's fescue         Festuca roemeri         30 days cold-moist stratification. Sow outside in fall to early spring.           California coffeeberry         Frangula californica         90 days cold-moist stratification. Sow outside in fall to early winter.           Cascara         Frangula purshiana         60-90 days cold-moist stratification. Sow in fall to early winter.           Searlet fritillary         Fritillaria recurva         90 days cold-moist stratification. Sow seeds outside in fall.           Fremont's silk tassel         Garrya fremontii         90-120 days cold-moist stratification. Sow seeds outside in the fall.           Largeleaf avens         Geum macrophyllum         No pretreatment required. Sow outside in fall to early spring.           Bluehead gilia         Gilia capitata         30 days cold-moist stratification. Sow outside in fall to late winter.           Jessica stickseed         Hackelia micrantha         60 days cold-moist stratification. Sow outside in fall to late winter.           White rushlity         Hastingsia alba         60-90 days cold-moist stratification. Sow outside in fall to late winter.           Bigelow's sneezweed         Helenium bigelovii         30 days cold-moist stratificatio	Oregon fawn lily	Erythronium oregonum	90 days cold-moist stratification. Sow outside in fall.
California fescue Festuca californica 30 days cold-moist stratification. Sow outside in fall or early spring.  California coffeeberry Frangula californica 90 days cold-moist stratification. Sow outside in fall to early winter.  Cascara Frangula purshiana 60-90 days cold-moist stratification. Sow in fall to early winter.  Cascara Frangula purshiana 60-90 days cold-moist stratification. Sow seeds outside in fall.  Fremont's silk tassel Garrya fremontii 90-120 days cold-moist stratification. Sow seeds outside in the fall.  Largeleaf avens Geum macrophyllum No pretreatment required. Sow outside in fall to early spring.  Bluehead gilia Gilia capitata 30 days cold-moist stratification. Sow outside in fall to late winter.  Jessica stickseed Hackelia micrantha 60 days cold-moist stratification. Sow outside in fall to late winter.  White rushlily Hastingsia alba 60-90 days cold-moist stratification. Sow outside in fall to late winter.  Bigelow's sneezweed Helenium bigelovii 30 days cold-moist stratification. Sow outside in fall to late winter.  No pretreatment required. Sow seeds outside in fall to late winter.  No pretreatment required. Sow seeds outside in fall to late winter.  No pretreatment required. Sow outside in fall to late winter.  Bolander's sunflower Helianthus bolanderi No pretreatment required. Sow seeds outside in fall to late winter.  Oceanspray Holodiscus discolor 90-120 days cold-moist stratification. Sow outside in fall. Soak in hot (not boiling) water for 24 hours, then 60-90 days cold-moist stratification. Sow outside in fall. Soak in hot (not boiling) water for 24 hours, then 60-90 days cold-moist stratification. Sow outside in fall.	California poppy	Eschscholzia californica	30 days cold-moist stratification. Sow outside in fall or early spring.
Roemer's fescue  Festuca roemeri  30 days cold-moist stratification. Sow outside in fall to early spring.  California coffeeberry  Frangula californica  90 days cold-moist stratification. Sow outside in fall to early winter.  Cascara  Frangula purshiana  60-90 days cold-moist stratification. Sow in fall to early winter.  Scarlet fritillary  Fritillaria recurva  90 days cold-moist stratification. Sow seeds outside in fall.  Fremont's silk tassel  Garrya fremontii  90-120 days cold-moist stratification. Sow seeds outside in the fall.  Largeleaf avens  Geum macrophyllum  No pretreatment required. Sow outside in fall to early spring.  Bluehead gilia  Gilia capitata  30 days cold-moist stratification. Sow outside in fall to late winter.  Idaho gumweed  Grindelia nana  30-60 days cold-moist stratification. Sow outside in fall to late winter.  White rushlily  Hastingsia alba  60-90 days cold-moist stratification. Sow outside in fall to late winter.  White rushlily  Helenium bigelovii  30 days cold-moist stratification. Sow outside in fall to late winter.  No pretreatment required. Sow seeds outside in fall to late winter.  No pretreatment required. Sow seeds outside in fall to late winter.  No pretreatment required. Sow seeds outside in fall to late winter.  No pretreatment required. Sow seeds outside in fall to late winter.  Cowparsnip  Heracleum maximum  120 days cold-moist stratification. Sow outside in fall.  60 days cold-moist stratification. Sow outside in fall.  60 days cold-moist stratification. Sow outside in fall.  60 days cold-moist stratification. Sow outside in fall.  Soak in hot (not boiling) water for 24 hours, then 60-90 days cold-moist stratification. Sow in fall to early winter.  Soak in hot (not boiling) water for 24 hours, then 60-90 days cold-moist stratification. Sow in fall to early winter.	Western goldentop	Euthamia occidentalis	No pretreatment required. Sow outside in fall to early spring.
California coffeeberry Frangula californica 90 days cold-moist stratification. Sow outside in fall to early winter.  Cascara Frangula purshiana 60-90 days cold-moist stratification. Sow in fall to early winter.  Scarlet fritillary Fritillaria recurva 90 days cold-moist stratification. Sow seeds outside in fall.  Fremont's silk tassel Garrya fremontii 90-120 days cold-moist stratification. Sow seeds outside in the fall.  Largeleaf avens Geum macrophyllum No pretreatment required. Sow outside in fall to early spring.  Bluehead gilia Gilia capitata 30 days cold-moist stratification. Sow outside in fall to late winter.  Jessica stickseed Grindelia nana 30-60 days cold-moist stratification. Sow outside in fall to late winter.  Jessica stickseed Hackelia micrantha 60-90 days cold-moist stratification. Sow outside in fall to late winter.  White rushlily Hastingsia alba 60-90 days cold-moist stratification. Sow outside in fall to late winter.  Bigelow's sneezweed Helenium bigelovii 30 days cold-moist stratification. Sow outside in fall to late winter.  Bolander's sunflower Helianthus bolanderi No pretreatment required. Sow seeds outside in fall to early spring. Germination may be improved with 30 days cold-moist stratification. Sow outside in fall.  Alum root Heuchera micrantha 60 days cold-moist stratification. Sow outside in fall.  Soak in hot (not boiling) water for 24 hours, then 60-90 days cold-moist stratification. Sow in fall to early spring.	California fescue	Festuca californica	30 days cold-moist stratification. Sow outside in fall or early spring.
Cascara Frangula purshiana 60-90 days cold-moist stratification. Sow in fall to early winter.  Scarlet fritillary Fritillaria recurva 90 days cold-moist stratification. Sow seeds outside in fall.  Fremont's silk tassel Garrya fremontii 90-120 days cold-moist stratification. Sow seeds outside in the fall.  Largeleaf avens Geum macrophyllum No pretreatment required. Sow outside in fall to early spring.  Bluehead gilia Gilia capitata 30 days cold-moist stratification. Sow outside in fall. May germinate with fall rain.  Idaho gumweed Grindelia nana 30-60 days cold-moist stratification. Sow outside in fall to late winter.  Jessica stickseed Hackelia micrantha 60 days cold-moist stratification. Sow outside in fall to late winter.  White rushlily Hastingsia alba 60-90 days cold-moist stratification. Sow outside in fall to early winter.  Bigelow's sneezweed Helentum bigelovii 30 days cold-moist stratification. Sow outside in fall to late winter.  No pretreatment required. Sow seeds outside in fall to late winter.  No pretreatment required. Sow seeds outside in fall to late winter.  Cowparsnip Heracleum maximum 120 days cold-moist stratification. Sow outside in fall.  Heuchera micrantha 60 days cold-moist stratification. Sow outside in fall.  Heuchera micrantha 60 days cold-moist stratification. Sow outside in fall.  Soak in hot (not boiling) water for 24 hours, then 60-90 days cold-moist stratification. Sow in fall to early winter.  Scarlet gilia Ipomopsis aggregata 30 days cold-moist stratification. Sow outside in fall to early spring.	Roemer's fescue	Festuca roemeri	30 days cold-moist stratification. Sow outside in fall or early spring.
Scarlet fritillary   Fritillaria recurva   90 days cold-moist stratification. Sow seeds outside in fall.	California coffeeberry	Frangula californica	90 days cold-moist stratification. Sow outside in fall to early winter.
Fremont's silk tassel  Garrya fremontii  90-120 days cold-moist stratification. Sow seeds outside in the fall.  Largeleaf avens  Geum macrophyllum  No pretreatment required. Sow outside in fall to early spring.  Bluehead gilia  Gilia capitata  30 days cold-moist stratification. Sow outside in fall. May germinate with fall rain.  Idaho gumweed  Grindelia nana  30-60 days cold-moist stratification. Sow outside in fall to late winter.  Jessica stickseed  Hackelia micrantha  60 days cold-moist stratification. Sow outside in fall to late winter.  White rushlily  Hastingsia alba  60-90 days cold-moist stratification. Sow outside in fall to early winter.  Bigelow's sneezweed  Helianthus bolanderi  No pretreatment required. Sow seeds outside in fall to late winter.  No pretreatment required. Sow seeds outside in fall to early spring. Germination may be improved with 30 days cold-moist stratification.  Cowparsnip  Heracleum maximum  120 days cold-moist stratification. Sow outside in fall.  Alum root  Heuchera micrantha  60 days cold-moist stratification. Sow outside in fall.  60 days cold-moist stratification. Sow outside in fall.  Seeds need light to germinate, surface sow.  90-120 days cold-moist stratification. Sow outside in fall.  Soak in hot (not boiling) water for 24 hours, then 60-90 days cold-moist stratification. Sow in fall to early winter.  Scarlet gilia  Ipomopsis aggregata  30 days cold-moist stratification. Sow outside in fall to early spring.	Cascara	Frangula purshiana	60-90 days cold-moist stratification. Sow in fall to early winter.
Largeleaf avens   Geum macrophyllum   No pretreatment required. Sow outside in fall to early spring.	Scarlet fritillary	Fritillaria recurva	90 days cold-moist stratification. Sow seeds outside in fall.
Bluehead gilia  Gilia capitata  30 days cold-moist stratification. Sow outside in fall. May germinate with fall rain.  Idaho gumweed  Grindelia nana  30-60 days cold-moist stratification. Sow outside in fall to late winter.  Hackelia micrantha  60 days cold-moist stratification. Sow outside in fall to late winter.  White rushlily  Hastingsia alba  60-90 days cold-moist stratification. Sow outside in fall to early winter.  Bigelow's sneezweed  Helenium bigelovii  30 days cold-moist stratification. Sow outside in fall to late winter.  No pretreatment required. Sow seeds outside in fall to early spring. Germination may be improved with 30 days cold-moist stratification.  Cowparsnip  Heracleum maximum  120 days cold-moist stratification. Sow outside in fall.  Alum root  Heuchera micrantha  60 days cold-moist stratification. Sow outside in fall.  60 days cold-moist stratification. Sow outside in fall.	Fremont's silk tassel	Garrya fremontii	90-120 days cold-moist stratification. Sow seeds outside in the fall.
Idaho gumweed  Grindelia nana  30-60 days cold-moist stratification. Sow outside in fall to late winter.  Jessica stickseed  Hackelia micrantha  60 days cold-moist stratification. Sow outside in fall to late winter.  White rushlily  Hastingsia alba  60-90 days cold-moist stratification. Sow outside in fall to early winter.  Bigelow's sneezweed  Helenium bigelovii  30 days cold-moist stratification. Sow outside in fall to late winter.  No pretreatment required. Sow seeds outside in fall to early spring. Germination may be improved with 30 days cold-moist stratification.  Cowparsnip  Heracleum maximum  120 days cold-moist stratification. Sow outside in fall.  Alum root  Heuchera micrantha  60 days cold-moist stratification. Sow outside in fall.  60 days cold-moist stratification. Sow outside in fall.  Seeds need light to germinate, surface sow.  Oceanspray  Holodiscus discolor  90-120 days cold-moist stratification. Sow outside in fall.  Soak in hot (not boiling) water for 24 hours, then 60-90 days cold-moist stratification. Sow in fall to early winter.  Scarlet gilia  Ipomopsis aggregata  30 days cold-moist stratification. Sow outside in fall to early spring.	Largeleaf avens	Geum macrophyllum	No pretreatment required. Sow outside in fall to early spring.
Jessica stickseed	Bluehead gilia	Gilia capitata	30 days cold-moist stratification. Sow outside in fall. May germinate with fall rain.
White rushlilyHastingsia alba60-90 days cold-moist stratification. Sow outside in fall to early winter.Bigelow's sneezweedHelenium bigelovii30 days cold-moist stratification. Sow outside in fall to late winter.Bolander's sunflowerHelianthus bolanderiNo pretreatment required. Sow seeds outside in fall to early spring. Germination may be improved with 30 days cold-moist stratification.CowparsnipHeracleum maximum120 days cold-moist stratification. Sow outside in fall.Alum rootHeuchera micrantha60 days cold-moist stratification. Sow outside in fall. Seeds need light to germinate, surface sow.OceansprayHolodiscus discolor90-120 days cold-moist stratification. Sow outside in fall.Broad leaved lotusHosackia crassifoliaSoak in hot (not boiling) water for 24 hours, then 60-90 days cold-moist stratification. Sow in fall to early winter.Scarlet giliaIpomopsis aggregata30 days cold-moist stratification. Sow outside in fall to early spring.	Idaho gumweed	Grindelia nana	30-60 days cold-moist stratification. Sow outside in fall to late winter.
Bigelow's sneezweedHelenium bigelovii30 days cold-moist stratification. Sow outside in fall to late winter.Bolander's sunflowerHelianthus bolanderiNo pretreatment required. Sow seeds outside in fall to early spring. Germination may be improved with 30 days cold-moist stratification.CowparsnipHeracleum maximum120 days cold-moist stratification. Sow outside in fall.Alum rootHeuchera micrantha60 days cold-moist stratification. Sow outside in fall. Seeds need light to germinate, surface sow.OceansprayHolodiscus discolor90-120 days cold-moist stratification. Sow outside in fall.Broad leaved lotusHosackia crassifoliaSoak in hot (not boiling) water for 24 hours, then 60-90 days cold-moist stratification. Sow in fall to early winter.Scarlet giliaIpomopsis aggregata30 days cold-moist stratification. Sow outside in fall to early spring.	Jessica stickseed	Hackelia micrantha	60 days cold-moist stratification. Sow outside in fall to late winter.
Bolander's sunflower  Helianthus bolanderi  No pretreatment required. Sow seeds outside in fall to early spring. Germination may be improved with 30 days cold-moist stratification.  120 days cold-moist stratification. Sow outside in fall.  Heuchera micrantha  60 days cold-moist stratification. Sow outside in fall. Seeds need light to germinate, surface sow.  Oceanspray  Holodiscus discolor  90-120 days cold-moist stratification. Sow outside in fall.  Soak in hot (not boiling) water for 24 hours, then 60-90 days cold-moist stratification. Sow in fall to early winter.  Scarlet gilia  Ipomopsis aggregata  30 days cold-moist stratification. Sow outside in fall to early spring.	White rushlily	Hastingsia alba	60-90 days cold-moist stratification. Sow outside in fall to early winter.
Improved with 30 days cold-moist stratification.   Improved with 30 days cold-moist stratification.	Bigelow's sneezweed	Helenium bigelovii	30 days cold-moist stratification. Sow outside in fall to late winter.
Cowparsnip  Heracleum maximum  120 days cold-moist stratification. Sow outside in fall.  Heuchera micrantha  60 days cold-moist stratification. Sow outside in fall. Seeds need light to germinate, surface sow.  Oceanspray  Holodiscus discolor  90-120 days cold-moist stratification. Sow outside in fall.  Broad leaved lotus  Hosackia crassifolia  Soak in hot (not boiling) water for 24 hours, then 60-90 days cold-moist stratification. Sow in fall to early winter.  Scarlet gilia  Ipomopsis aggregata  30 days cold-moist stratification. Sow outside in fall to early spring.	Bolander's sunflower	Helianthus bolanderi	
Atum root  Heuchera micrantha sow.  Oceanspray  Holodiscus discolor  90-120 days cold-moist stratification. Sow outside in fall.  Broad leaved lotus  Hosackia crassifolia Soak in hot (not boiling) water for 24 hours, then 60-90 days cold-moist stratification. Sow in fall to early winter.  Scarlet gilia  Ipomopsis aggregata 30 days cold-moist stratification. Sow outside in fall to early spring.	Cowparsnip	Heracleum maximum	•
Oceanspray       Holodiscus discolor       90-120 days cold-moist stratification. Sow outside in fall.         Broad leaved lotus       Hosackia crassifolia       Soak in hot (not boiling) water for 24 hours, then 60-90 days cold-moist stratification. Sow in fall to early winter.         Scarlet gilia       Ipomopsis aggregata       30 days cold-moist stratification. Sow outside in fall to early spring.	Alum root	Heuchera micrantha	,
fall to early winter.  Scarlet gilia  Ipomopsis aggregata  30 days cold-moist stratification. Sow outside in fall to early spring.	Oceanspray	Holodiscus discolor	
Scarlet gilia Ipomopsis aggregata 30 days cold-moist stratification. Sow outside in fall to early spring.	Broad leaved lotus	Hosackia crassifolia	
Yellowleaf iris    Iris chrysophylla	Scarlet gilia	Ipomopsis aggregata	•
20 days cold moist straintenant. Sow outside in fair to early whiter.	Yellowleaf iris	Iris chrysophylla	90 days cold-moist stratification. Sow outside in fall to early winter.

Western blue flag	Iris missouriensis	90 days cold-moist stratification. Sow outside in fall to early winter.
Toughleaf iris	Iris tenax	Warm-moist stratification 2-4 weeks, followed by 60-90 days cold-moist stratification. Sow
Western juniper	Juniperus occidentalis	outside in early fall.  2-3 months cold-moist stratification, followed by 2-3 months warm-moist stratification, and then another 3 months cold-moist stratification. May take two years to germinate.
Red beardtongue	Keckiella corymbosa	30 days cold-moist stratification. Sow outside in fall to early spring.
Bush beardtongue	Keckiella lemmonii	30 days cold-moist stratification. Sow outside in fall to early spring.
Junegrass	Koeleria macrantha	No pretreatment required. Sow outside in fall to early spring.
Bolander's tarweed	Kyhosia bolanderi	30-60 days cold-moist stratification. Sow outside in fall to late winter.
Siskiyou lewisia	Lewisia cotyledon	30-60 days cold-moist stratification. Sow outside in fall to late winter.
Gray's lovage	Ligusticum grayi	90 days cold-moist stratification. Sow outside in fall to early winter.
Columbia lily	Lilium columbianum	May germinate is sown soon after seed harvest, or if using stored seed, 90-120 days cold-moist stratification. Sow outside in early fall for best germination.
Leopard lily	Lilium pardalinum	May germinate is sown soon after seed harvest, or if using stored seed, 90-120 days cold-moist stratification. Sow outside in early fall for best germination.
Washington lily	Lilium washingtonianum	May germinate is sown soon after seed harvest, or if using stored seed, 90-120 days cold-moist stratification. Sow outside in early fall for best germination.
Blue wild flax	Linum lewisii	30 days cold-moist stratification. Sow outside in fall or early spring.
California lomatium	Lomatium californicum	60-90 days cold-moist stratification. Sow outside in fall to early winter.
Fernleaf biscuitroot	Lomatium dissectum	60-90 days cold-moist stratification. Sow outside in fall to early winter.
Bigseed biscuitroot	Lomatium macrocarpum	60-90 days cold-moist stratification. Sow outside in fall to early winter.
Pestle lomatium	Lomatium nudicaule	60-90 days cold-moist stratification. Sow outside in fall to early winter.
Nineleaf buscuitroot	Lomatium triternatum	60-90 days cold-moist stratification. Sow outside in fall to early winter.
Common lomatium	Lomatium utriculatum	60-90 days cold-moist stratification. Sow outside in fall to early winter.
Purpleflower honeysuckle	Lonicera conjugialis	60-90 days cold-moist stratification. Sow outside in fall to early winter.
Pink honeysuckle	Lonicera hispidula	60-90 days cold-moist stratification. Sow outside in fall.
Chaparral honeysuckle	Lonicera interrupta	60-90 days cold-moist stratification. Sow outside in fall to early winter.
Sickelkeel lupine	Lupinus albicaulis	Soak in hot (not boiling) water for 24 hours, then 30 days cold-moist stratification. Sow outside in fall to early spring.
Silver bush lupine	Lupinus albifrons	No pretreatment required. Sow outside in fall to early spring.
Bicolor lupine	Lupinus bicolor	No pretreatment is required, but germination may be improved and more uniform with a hot (not boiling) water soak prior to sowing. Sow outside in fall to early spring.
Broadleaf lupine	Lupinus latifolius	No pretreatment required. Sow outside in fall to early spring.
Velvet lupine	Lupinus leucophyllus	Soak in hot (not boiling) water for 24 hours, then 30 days cold-moist stratification. Sow outside in fall to early spring.
Plumas lupine	Lupinus onustus	No pretreatment required. Sow outside in fall to early spring.
Pacific woodrush	Luzula comosa	30 days cold-moist stratification. Sow outside in fall or early spring.
Elegant tarweed	Madia elegans	No pretreatment required. Sow outside in fall to early spring.
Large false Soloman's seal	Maianthemum racemosum	Seed takes two years to germinate. Sow outside in fall. 6 months cold-moist stratification, followed by 4 months warm-moist stratification, followed by another 5 months cold-moist stratification.
Giant blazingstar	Mentzelia laevicaulis	60-90 days cold-moist stratification. Sow outside in fall.
Coyote mint	Monardella odoratissima	30 days cold-moist stratification. Sow outside in fall to late winter.
Coyote tobacco	Nicotiana attenuata	No pretreatment required. Sow outside, or start in a greenhouse in spring.
Indian tobacco	Nicotiana quadrivalvis	No pretreatment required. Sow outside, or start in a greenhouse in spring.

Rock pennycress	Noccaea fendleri	30-60 days cold-moist stratification. Sow outside in fall to early spring.
False turtlehead	Nothochelone nemorosa	60-90 days cold-moist stratification. Sow outside in fall.
Oso berry	Oemleria cerasiformis	90-120 days cold-moist stratification. Sow outside in fall.
Douglas' grasswidow	Olsynium douglasii	90-120 days cold-moist stratification. Sow outside in fall.
Owl's clover	Orthocarpus cuspidatus	90 days cold-moist stratification. Sow outside in fall.
Brown's peony	Paeonia brownii	60-90 days cold-moist stratification. Sow outside in fall.
Indian warrior	Pedicularis densiflora	30 days cold-moist stratification. Sow outside in fall to early winter. Hemiparasite, needs host plant to thrive. Parasitic on members of the heath family, such as manzanita or madrone.
Siskiyou penstemon	Penstemon anguineus	60-90 days cold-moist stratification. Sow outside in fall to early winter.
Hot rock penstemon	Penstemon deustus	60-90 days cold-moist stratification. Sow outside in fall to early winter.
Low beardtongue	Penstemon humilis	60-90 days cold-moist stratification Sow outside in fall to early winter.
Mountain blue penstemon	Penstemon laetus	60-90 days cold-moist stratification. Sow outside in fall to early winter.
Small flowered penstemon	Penstemon procerus	60-90 days cold-moist stratification. Sow outside in fall to early winter.
Western sweet coltsfoot	Petasites frigidus	No pretreatment required. Sow outside in fall to early spring.
Varilieaf phacelia	Phacelia heterophylla	30 days cold-moist stratification. Sow outside in fall or early spring. Seeds need light to germinate, surface sow.
Tall phacelia	Phacelia procera	30 days cold-moist stratification. Sow outside in fall. Seeds need light to germinate, surface sow.
Mock orange	Philadelphus lewisii	90-120 days cold-moist stratification. Sow outside in fall.
Pacific ninebark	Physocarpus capitatus	30 days cold-moist stratification. Sow outside in fall to early spring.
Shortspur seablush	Plectritis congesta	No pretreatment required. May germinate with fall rain or in early spring. Sow outside in fall to early spring.
Pine bluegrass	Poa secunda	No pretreatment required. Sow outside in fall to early spring. Germination may be improved with 30 days cold-moist stratification
Royal Jacob's ladder	Polemonium carneum	No pretreatment required. Sow outside in fall to early spring. Germination may be improved with 30 days cold-moist stratification
Hooker's fairybells	Prosartes hookeri	60-90 days cold-moist stratification. Sow outside in fall.
Bitter cherry	Prunus emarginata	90-120 days cold-moist stratification. Sow outside in fall.
Chokecherry	Prunus virginiana	90-120 days cold-moist stratification. Sow outside in fall.
Western buttercup	Ranunculus occidentalis	30 days cold-moist stratification. Seeds will germinate in fall if planted just before fall rain.  Sow seeds outside in fall to late spring.
Fragrant sumac	Rhus aromatica	Soak in hot (not boiling) water for 24 hours, then 60-90 days cold-moist stratification. Sow outside in fall to early winter.
Golden currant	Ribes aureum	90 days cold-moist stratification. Sow outside in fall.
Wax currant	Ribes cereum	90-120 days cold-moist stratification. Sow outside in fall.
Swamp currant	Ribes lacustre	120 days cold-moist stratification. Sow outside in fall.
Sierra gooseberry	Ribes roezlii	90-120 days cold-moist stratification. Sow outside in fall.
Red flowering currant	Ribes sanguineum	90-120 days cold-moist stratification. Sow outside in fall.
Sticky currant	Ribes viscosissimum	90 days cold-moist stratification. Sow outside in fall.
Blackcap raspberry	Rubus leucodermis	90 days cold-moist stratification. Sow seeds outside in fall.
Thimbleberry	Rubus parviflorus	30 days cold-moist stratification. Sow outside in fall or early spring.
Waxy coneflower	Rudbeckia glaucescens	30 days cold-moist stratification. Sow outside in fall or early spring.
Western coneflower	Rudbeckia occidentalis	30 days cold-moist stratification. Sow outside in fall or early spring.

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Blue elderberry	Sambucus nigra spp. caerulea	60-90 days cold-moist stratification. Sow outside in fall.
Pacific blacksnakeroot	Sanicula crassicaulis	30-60 days cold-moist stratification. Sow outside in fall or early spring.
Lambstongue ragwort	Senecio integerrimus	30-60 days cold-moist stratification. Sow outside in fall to late winter.
Arrow leaved ragwort	Senecio triangularis	30-60 days cold-moist stratification. Sow outside in fall to late winter.
Oregon whitetop aster	Sericocarpus oregonensis	30 days cold-moist stratification. Sow outside in fall to early spring.
Oregon checkermallow	Sidalcea oregana	60-90 days cold-moist stratification. Sow outside in fall to early winter.
Bell catchfly	Silene campanulata	30-60 days cold-moist stratification. Sow outside in fall to late winter.
Hooker's silene	Silene hookeri	60 days cold-moist stratification. Surface sow in fall to early winter.
West coast Canada goldenrod	Solidago elongata	No pretreatment required. Sow outside in fall to early spring.
Mountain ash	Sorbus scopulina	90-120 days cold-moist stratification. Sow outside in fall.
Douglas' spiraea	Spiraea douglasii	30-60 days cold-moist stratification. Sow outside in fall to late winter.
Subalpine spiraea	Spiraea splendens	30-60 days cold-moist stratification. Sow outside in fall to late winter.
Rough hedgenettle	Stachys rigida	No pretreatment necessary, but germination may be improved with 30 days cold-moist stratification. Sow outside in fall to early spring.
Lemmon's needlegrass	Stipa lemmonii	90 days cold-moist stratification. Sow outside in fall.
Claspleaf twistedstalk	Streptopus amplexifolius	Seed takes two years to germinate. Sow outside in fall. 6 months cold-moist stratification, followed by 4 months warm-moist stratification, followed by another 5 months cold-moist stratification.
Snowberry	Symphoricarpos albus	90 days warm-moist stratification (80 degrees), then 120-180 days cold-moist (40 degrees) stratification. Sow seeds outside in late summer to early fall.
Leafybract aster	Symphyotrichum foliaceum	No pretreatment required. Sow outside in fall to early spring.
Douglas aster	Symphyotrichum subspicatum	No pretreatment required. Sow outside in fall to early spring.
Fringe cups	Tellima grandiflora	30 days cold-moist stratification. Sow outside in fall to early spring.
Meadow deathcamas	Toxicoscordion venenosum	Sow seeds outside in fall to early winter.
Western false asphodel	Triantha occidentalis	60-90 days cold-moist stratification. Sow outside in fall.
Vinegarweed	Trichostema lanceolatum	60-90 days cold-moist stratification. Sow outside in fall to early winter.
Western trillium	Trillium ovatum	Seed requires two warm/cold cycles to germinate. Plant outside in fall. Seeds will germinate the second spring after being sown.
Henderson's triteleia	Triteleia hendersonii	60-90 days cold-moist stratification. Sow outside in fall to early winter.
Wild hyacinth	Triteleia hyacinthina	60-90 days cold-moist stratification. Sow outside in fall to early winter.
Silver puffs	Uropappus lindleyi	Sow seeds outside in fall.
Thinleaf huckleberry	Vaccinium membranaceum	90 days cold-moist stratification. Sow on soil surface outside in fall to early winter.
Red huckleberry	Vaccinium parvifolium	Seed may not need any pretreatment, but germination may be aided with 60-90 days cold- moist stratification. Sow seeds outside in fall to early winter.
California false hellebore	Veratrum californicum	30-60 days warm-moist stratification followed by 90-120 days cold-moist stratification. Sow outside in early fall.
Western verbena	Verbena lasiostachys	30-60 days cold-moist stratification. Sow outside in fall to early spring.
American vetch	Vicia americana	Soak in hot (not boiling) water for 24 hours and sow outside in fall to early spring.
California wild grape	Vitis californica	120 days cold-moist stratification. Sow outside in fall.
Mule's ears	Wyethia angustifolia	90 days cold-moist stratification. Sow outside in fall.
Beargrass	Xerophyllum tenax	90-120 days cold-moist stratification. Sow outside in fall.