



Klamath-Siskiyou Native Seeds

Seed Germination Chart

May 2025

4	Vine maple	<i>Acer circinatum</i>	30-60 days warm-moist stratification followed by 90-120 days cold-moist stratification. Sow outside in fall.
5	Rocky mountain maple	<i>Acer glabrum</i>	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.
6	Common yarrow	<i>Achillea millefolium</i>	No pretreatment required. Sow outside in fall or spring, on or just below the soil surface. Needs warm soil and light to germinate.
7	Vanillaleaf	<i>Achlys triphylla</i>	60 days cold-moist stratification. Sow outside in fall to late winter.
8	Blow wifes	<i>Achyrochaena mollis</i>	No pretreatment necessary. Best germination will be achieved if sown outside in fall through early winter.
9	Columbia monkshood	<i>Aconitum columbianum</i>	60 days cold-moist stratification. Sow outside in fall to late winter.
10	Oregon tall bugbane	<i>Actaea elata var. alpestris</i>	2 Weeks warm-moist stratification, followed by 3 months cold-moist stratification
11	Red baneberry	<i>Actaea rubra</i>	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.
12	Trail plant	<i>Adenocaulon bicolor</i>	No pretreatment required. Sow outside in fall to early spring.
13	Hound's tongue	<i>Adelphia grandis</i>	30-60 days cold-moist stratification. Sow outside in fall to late winter.
14	Horsemint	<i>Agastache urticifolia</i>	30-60 days cold-moist stratification. Sow outside in fall to late winter.
15	Western joejoe	<i>Ageratina occidentalis</i>	No pretreatment required. Sow outside in fall to early spring. Germination may be improved with 30 days cold stratification.
16	California dandelion	<i>Agoseris grandiflora</i>	No pretreatment required. Sow outside in fall to early spring. Germination may be improved with 30 days cold stratification.
17	Spearleaf mountain dandelion	<i>Agoseris retrorsa</i>	No pretreatment required. Sow outside in fall to early spring. Germination may be improved with 30 days cold stratification.
18	Tapertip onion	<i>Allium acuminatum</i>	30-60 days cold-moist stratification. Sow outside in fall to late winter.
19	Small onion	<i>Allium parvum</i>	Sow seeds outside fall to early winter.
20	Pacific mountain onion	<i>Allium validum</i>	60-90 days cold-moist stratification. Sow outside in fall to early winter.
21	Serviceberry	<i>Amelanchier alnifolia</i>	90-120 days cold-moist stratification. Sow seeds outside in the fall.
22	Menzies' fiddleneck	<i>Amsinckia menziesii</i>	60 days cold-moist stratification. Sow outside in fall for best germination.
23	Pearly everlasting	<i>Anaphalis margaritacea</i>	No pretreatment required. Sow outside in fall to early spring.
24	Sharptooth angelica	<i>Angelica arguta</i>	60 days cold-moist stratification. Sow outside in fall to early winter.
25	Ranger's buttons	<i>Angelica capitellata</i>	Sow seeds outside in fall to early winter.
26	Woodland madia	<i>Anisocarpus madioides</i>	30-60 days cold-moist stratification. Sow outside in fall to late winter.
27	Western columbine	<i>Aquilegia formosa</i>	60-90 days cold-moist stratification. Sow outside in fall to early winter.
28	California spikenard	<i>Aralia californica</i>	90-120 days cold-moist stratification. Sow outside in fall for best germination.
29	Pacific madrone	<i>Arbutus menziesii</i>	30-60 days cold-moist stratification. Sow seeds outside in fall to early winter.
30	Mountain arnica	<i>Arnica latifolia</i>	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.
31	Goat's beard	<i>Aranucus dioicus</i>	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.
32	Heartleaf milkweed	<i>Asclepias cordifolia</i>	60 days cold-moist stratification. Sow outside in fall to early spring.
33	Narrowleaf milkweed	<i>Asclepias fascicularis</i>	60 days cold-moist stratification. Sow outside in fall to early spring.
34	Showy milkweed	<i>Asclepias speciosa</i>	60 days cold-moist stratification. Sow outside in fall to early spring.
35	California harebell	<i>Asyneuma prenanthoides</i>	60 days cold-moist stratification. Sow in fall to late winter. Sow on soil surface or lightly cover. Seed needs light to germinate.
36	Deltoid balsamroot	<i>Balsamorhiza deltoidea</i>	90 days cold-moist stratification. Sow outside in fall.
37	Silky balsamroot	<i>Balsamorhiza sericea</i>	60-90 days cold-moist stratification. Sow in fall to early winter.
38	Tall Oregon grape	<i>Berberis (Mahonia) aquifolium</i>	90 days cold-moist stratification. Sow outside in fall to early winter.
39	Tall Oregon grape	<i>Berberis aquifolium var. repens</i>	90 days cold-moist stratification. Sow outside in fall to early winter.
40	Cascade Oregon grape	<i>Berberis (Mahonia) nervosa</i>	60 days cold-moist stratification. Sow in fall to late winter.
41	Sticktight	<i>Bidens frondosa</i>	No pretreatment required. Sow outside in fall to early spring.
42	Harvest brodiaea	<i>Brodiaea elegans</i>	No pretreatment necessary, but germination may be improved with 30 days cold-moist stratification. Sow seeds outside in fall to early spring.

	A	B	C
43	Chinook brome	<i>Bromus laevipes</i>	No pretreatment required. Sow outside in fall to late winter.
44	California brome	<i>Bromus sitchensis</i> var. <i>carinatus</i>	No pretreatment required. Sow outside in fall to early spring.
45	Silvercrown	<i>Cacaliopsis nardosmia</i>	60 days cold-moist stratification. Sow outside in fall to late winter.
46	Tolmie's cats ear	<i>Calochortus tolmiei</i>	30-60 days cold-moist stratification. Sow outside in fall to late winter.
47	Marsh marigold	<i>Caltha leptosepala</i>	60-90 days cold-moist stratification. Sow outside in fall to early winter.
48	Pussypaws	<i>Calyptridium umbellatum</i>	30 days cold-moist stratification. Sow outside in fall or early spring.
49	Chaparral morning glory	<i>Calystegia occidentalis</i>	No pretreatment required. Sow outside in fall to early spring.
50	Large camas	<i>Camassia leichtlinii</i>	60-90 days cold-moist stratification. Sow outside in fall to early winter.
51	Common camas	<i>Camassia quamash</i>	60-90 days cold-moist stratification. Sow outside in fall to early winter.
52	Wavy leaf paintbrush	<i>Castilleja applegatei</i>	90 days cold-moist stratification. Sow seeds outside in fall. This species is hemiparasitic and needs a host plant.
53	Deer brush	<i>Ceanothus integrerrimus</i>	Soak in hot (not boiling) water for 24 hours, then 60-90 days cold-moist stratification. Sow outside in fall to early winter.
54	Snowbrush	<i>Ceanothus velutinus</i>	Soak in hot (not boiling) water for 24 hours, then 60-90 days cold-moist stratification. Sow outside in fall to early winter.
55	Western redbud	<i>Cercis occidentalis</i>	Soak in hot (not boiling) water for 24 hours, then 60-90 days cold-moist stratification. Sow outside in fall to early winter.
56	Birch leaf mountain mahoga	<i>Cercocarpus betuloides</i>	60 days cold-moist stratification. Sow outside in fall to late winter.
57	Curl leaf mountain mahogon	<i>Cercocarpus ledifolius</i>	60-90 days cold-moist stratification. Sow outside in fall to early winter.
58	Dusty maidens	<i>Chaenactis douglasii</i>	30 days cold-moist stratification. Sow outside in fall to late winter.
59	Fireweed	<i>Chamerion angustifolia</i>	60 days cold-moist stratification. Sow outside in fall to late winter.
60	Soaproot	<i>Chlorogalum pomeridianum</i>	No pretreatment required. Sow outside in fall to early spring.
61	Western thistle	<i>Cirsium occidentale</i>	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.
62	Winecup clarkia	<i>Clarkia purpurea</i>	No pretreatment required. May germinate with fall rain or in early spring. Sow outside in fall. Surface sow the seeds or cover with a very light dusting of sifted soil.
63	Diamond clarkia	<i>Clarkia rhomboidea</i>	No pretreatment required. May germinate with fall rain or in early spring. Sow outside in fall. Sow at a shallow depth or surface sow.
64	Miners lettuce	<i>Claytonia perfoliata</i>	60 days cold-moist stratification. Sow outside in fall to early spring.
65	Western clematis	<i>Clematis ligusticifolia</i>	30-60 days cold-moist stratification. Sow outside in fall to late winter.
66	Queen's cup	<i>Clintonia uniflora</i>	60-90 days cold-moist stratification Sow outside in fall to early winter.
67	Giant blue eyed mary	<i>Collinsia grandiflora</i>	No pretreatment required. Sow outside in fall to early spring.
68	Grand collomia	<i>Collomia grandiflora</i>	No pretreatment required. Sow outside in fall to early spring.
69	Brown dogwood	<i>Cornus glabrata</i>	60-90 days cold-moist stratification. Sow seeds outside in fall.
70	Pacific dogwood	<i>Cornus nuttallii</i>	90 days cold-moist stratification. Sow outside in fall.
71	Black hawthorn	<i>Crataegus douglasii</i>	90-120 days cold-moist stratification. Sow outside in fall.
72	California oatgrass	<i>Danthonia californica</i>	60-90 days cold-moist stratification. Sow seeds outside in fall.
73	Umbrella plant	<i>Darmera peltata</i>	No pretreatment required. Surface sow in early spring and keep the soil very moist.
74	Mountain larkspur	<i>Delphinium glaucum</i>	90-120 days cold-moist stratification. Sow outside in fall.
75	Meadow larkspur	<i>Delphinium nuttallianum</i>	90-120 days cold-moist stratification. Sow outside in fall.
76	Tufted hairgrass	<i>Deschampsia cespitosa</i>	No pretreatment required. Sow outside in fall to early spring.
77	Bleedingheart	<i>Dicentra formosa</i>	60-90 days cold-moist stratification. Sow outside in fall.
78	Ookow	<i>Dichelostemma congestum</i>	30 days cold-moist stratification. Sow outside in fall to late winter.
79	Blue dicks	<i>Dipterostemon capitatus</i>	30 days cold-moist stratification. Sow outside in fall to late winter.
80	Henderson's shooting star	<i>Dodecatheon hendersonii</i>	60-90 days cold-moist stratification. Sow outside in fall to early winter.
81	Squirreltail grass	<i>Elymus elymoides</i>	No pretreatment required. Sow outside in fall to early spring.
82	Blue wildrye	<i>Elymus glaucus</i>	No pretreatment required. Sow outside in fall to early spring.
83	California fuchsia	<i>Epilobium canum</i>	No pretreatment required. Sow outside in fall to early spring. Surface sow or just barely cover with a light dusting of sifted soil.
84	Capitate sandwort	<i>Eremogone congesta</i>	60-90 days cold-moist stratification. Sow outside in fall to early winter.

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85	Alice Eastwood's fleabane	<i>Erigeron aliceae</i>	No pretreatment required. Sow outside in fall to early spring.
86	Lenmon's needlegrass	<i>Eriocoma lemmonii</i>	90 days cold-moist stratification. Sow outside in fall to early winter.
87	Yerba santa	<i>Eriodictyon californicum</i>	Heat treatment needed. Flash burn seeds lightly for 30 seconds with a handheld propane torch, or heat the seeds in an oven for 5 minutes at 190 °F. Sow outside in fall to early spring.
88	Arrowleaf buckwheat	<i>Eriogonum compositum</i>	60 days cold-moist stratification. Sow outside in fall to late winter.
89	Tall wooly buckwheat	<i>Eriogonum elatum</i>	60 days cold-moist stratification. Sow outside in fall to late winter.
90	Barestem buckwheat	<i>Eriogonum nudum</i>	60 days cold-moist stratification. Sow outside in fall to late winter.
91	Round headed buckwheat	<i>Eriogonum sphaerocephalum</i>	60 days cold-moist stratification. Sow outside in fall to late winter.
92	Sulphur flower buckwheat	<i>Eriogonum umbellatum</i>	60 days cold-moist stratification. Sow outside in fall to late winter.
93	Oregon sunshine	<i>Eriophyllum lanatum</i>	30 days cold-moist stratification. Sow outside in fall to late winter.
94	Western wallflower	<i>Erysimum capitatum</i>	No pretreatment required. Sow outside in fall to early spring.
95	Scarlet monkey flower	<i>Erythranthe cardinalis</i>	No pretreatment required. Sow outside in fall to early spring. Seeds need light to germinate, surface sow.
96	Yellow seep monkey flower	<i>Erythranthe guttata</i>	No pretreatment required. Sow outside in fall to early spring. Seeds need light to germinate, surface sow.
97	Lemon colored fawn lily	<i>Erythronium citrinum</i>	90-120 days cold-moist stratification. Sow seeds outside in the fall.
98	Glacier lily	<i>Erythronium grandiflorum</i>	90-120 days cold-moist stratification. Sow seeds outside in the fall.
99	Henderson's fawn lily	<i>Erythronium hendersonii</i>	90 days cold-moist stratification. Sow outside in fall.
100	Oregon fawn lily	<i>Erythronium oregonum</i>	90 days cold-moist stratification. Sow outside in fall.
101	California poppy	<i>Eschscholzia californica</i>	30 days cold-moist stratification. Sow outside in fall or early spring.
102	Western goldentop	<i>Euthamia occidentalis</i>	No pretreatment required. Sow outside in fall to early spring.
103	California fescue	<i>Festuca californica</i>	30 days cold-moist stratification. Sow outside in fall or early spring.
104	Roemer's fescue	<i>Festuca roemeri</i>	30 days cold-moist stratification. Sow outside in fall or early spring.
105	California coffeeberry	<i>Frangula californica</i>	90 days cold-moist stratification. Sow outside in fall to early winter.
106	Cascara	<i>Frangula purshiana</i>	60-90 days cold-moist stratification. Sow in fall to early winter.
107	Monument plant	<i>Frasera speciosa</i>	90-120 days cold-moist stratification. Sow seeds outside in the fall.
108	California flannelbush	<i>Fremontodendron californicum</i>	Soak in hot (not boiling) water for 24 hours, then 60-90 days cold-moist stratification. Sow outside in fall to early winter.
109	Scarlet fritillary	<i>Fritillaria recurva</i>	90 days cold-moist stratification. Sow seeds outside in fall.
110	Fremont's silk tassel	<i>Garrya fremontii</i>	90-120 days cold-moist stratification. Sow seeds outside in the fall.
111	Explorer's gentian	<i>Gentiana calycosa</i>	120 days cold-moist stratification. Sow outside in fall. Surface sow!
112	White geranium	<i>Geranium richardsonii</i>	30-60 days cold-moist stratification. Sow outside in fall to early spring.
113	Largeleaf avens	<i>Geum macrophyllum</i>	No pretreatment required. Sow outside in fall to early spring.
114	Prairie smoke	<i>Geum triflorum</i>	30-60 days cold-moist stratification. Sow outside in fall or early spring.
115	Bluehead gilia	<i>Gilia capitata</i>	30 days cold-moist stratification. Sow outside in fall. May germinate with fall rain.
116	Idaho gunweed	<i>Grindelia nana</i>	30-60 days cold-moist stratification. Sow outside in fall to late winter.
117	Jessica stickseed	<i>Hackelia micrantha</i>	60 days cold-moist stratification. Sow outside in fall to late winter.
118	White rushlily	<i>Hastingsia alba</i>	60-90 days cold-moist stratification. Sow outside in fall to early winter.
119	Bigelow's sneezweed	<i>Helenium bigelovii</i>	30 days cold-moist stratification. Sow outside in fall to late winter.
120	Bolander's sunflower	<i>Helianthus bolanderi</i>	No pretreatment required. Sow seeds outside in fall to early spring. Germination may be improved with 30 days cold-moist stratification.
121	Cowparsnip	<i>Heracleum maximum</i>	120 days cold-moist stratification. Sow outside in fall.
122	Baker's cypress	<i>Hesperocyparis bakeri</i>	30 days cold-moist stratification. Sow outside in fall to early winter.
123	Alum root	<i>Heuchera micrantha</i>	60 days cold-moist stratification. Sow outside in fall. Seeds need light to germinate, surface sow.
124	Oceanspray	<i>Holodiscus discolor</i>	90-120 days cold-moist stratification. Sow outside in fall.
125	Josephine horkelia	<i>Horkelia congesta ssp. nemorosa</i>	90-120 days cold-moist stratification. Sow seeds outside in the fall.
126	Carrorleaf horkelia	<i>Horkelia daucifolia</i>	Sow seeds outside in fall to early winter.

	A	B	C
127	Broad leaved lotus	<i>Hosackia crassifolia</i>	Soak in hot (not boiling) water for 24 hours, then 60-90 days cold-moist stratification. Sow in fall to early winter.
128	Western waterleaf	<i>Hydrophyllum occidentale</i>	No pretreatment necessary, but germination may be improved with 30 days cold-moist stratification. Sow outside in fall to early spring.
129	California globe mallow	<i>Iliamna latibracteata</i>	30-60 days cold-moist stratification. Sow outside in fall or early spring.
130	Scarlet gilia	<i>Ipomopsis aggregata</i>	30 days cold-moist stratification. Sow outside in fall to early spring.
131	Yellowleaf iris	<i>Iris chrysophylla</i>	90 days cold-moist stratification. Sow outside in fall to early winter.
132	Western blue flag	<i>Iris missouriensis</i>	90 days cold-moist stratification. Sow outside in fall to early winter.
133	Toughleaf iris	<i>Iris tenax</i>	Warm-moist stratification 2-4 weeks, followed by 60-90 days cold-moist stratification. Sow outside in early fall.
134	Western juniper	<i>Juniperus occidentalis</i>	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.
135	Red beardtongue	<i>Keckiella corymbosa</i>	30 days cold-moist stratification. Sow outside in fall to early spring.
136	Bush beardtongue	<i>Keckiella lemmonii</i>	30 days cold-moist stratification. Sow outside in fall to early spring.
137	Junegrass	<i>Koeleria macrantha</i>	No pretreatment required. Sow outside in fall to early spring.
138	Alpine fleecflower	<i>Koenigia phytolaccifolia</i>	Sow seeds outside in fall to early winter.
139	Bolander's tarweed	<i>Kyhosia bolanderi</i>	30-60 days cold-moist stratification. Sow outside in fall to late winter.
140	Siskiyou lewisia	<i>Lewisia cotyledon</i>	30-60 days cold-moist stratification. Sow outside in fall to late winter.
141	Gray's lovage	<i>Ligusticum grayi</i>	90 days cold-moist stratification. Sow outside in fall to early winter.
142	Columbia lily	<i>Lilium columbianum</i>	May germinate if sown soon after seed harvest, or if using stored seed, 90-120 days cold-moist stratification. Sow outside in early fall for best germination.
143	Leopard lily	<i>Lilium pardalinum</i>	May germinate if sown soon after seed harvest, or if using stored seed, 90-120 days cold-moist stratification. Sow outside in early fall for best germination.
144	Washington lily	<i>Lilium washingtonianum</i>	May germinate if sown soon after seed harvest, or if using stored seed, 90-120 days cold-moist stratification. Sow outside in early fall for best germination.
145	Blue wild flax	<i>Linum lewisii</i>	30 days cold-moist stratification. Sow outside in fall or early spring.
146	California lomatium	<i>Lomatium californicum</i>	60-90 days cold-moist stratification. Sow outside in fall to early winter.
147	Fernleaf biscuitroot	<i>Lomatium dissectum</i>	60-90 days cold-moist stratification. Sow outside in fall to early winter.
148	Bigseed biscuitroot	<i>Lomatium macrocarpum</i>	60-90 days cold-moist stratification. Sow outside in fall to early winter.
149	Pestle lomatium	<i>Lomatium nudicaule</i>	60-90 days cold-moist stratification. Sow outside in fall to early winter.
150	Nineleaf buscuitroot	<i>Lomatium triternatum</i>	60-90 days cold-moist stratification. Sow outside in fall to early winter.
151	Common lomatium	<i>Lomatium utriculatum</i>	60-90 days cold-moist stratification. Sow outside in fall to early winter.
152	Orange honeysuckle	<i>Lonicera ciliosa</i>	60 days cold-moist stratification. Sow outside in fall to late winter.
153	Purpleflower honeysuckle	<i>Lonicera conjugialis</i>	60-90 days cold-moist stratification. Sow outside in fall to early winter.
154	Pink honeysuckle	<i>Lonicera hispidula</i>	60-90 days cold-moist stratification. Sow outside in fall.
155	Chaparral honeysuckle	<i>Lonicera interrupta</i>	60-90 days cold-moist stratification. Sow outside in fall to early winter.
156	Sickelkeel lupine	<i>Lupinus albicaulis</i>	Soak in hot (not boiling) water for 24 hours, then 30 days cold-moist stratification. Sow outside in fall to early spring.
157	Silver bush lupine	<i>Lupinus albijfrons</i>	No pretreatment required. Sow outside in fall to early spring.
158	Silvery lupine	<i>Lupinus argenteus</i>	No pretreatment needed for fresh seeds. Soaking in hot (not boiling) water and soaking overnight, or scratching the seeds with sandpaper will aid germination for stored seed.
159	Bicolor lupine	<i>Lupinus bicolor</i>	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.
160	Broadleaf lupine	<i>Lupinus latifolius</i>	No pretreatment required. Sow outside in fall to early spring.
161	Velvet lupine	<i>Lupinus leucophyllus</i>	Soak in hot (not boiling) water for 24 hours, then 30 days cold-moist stratification. Sow outside in fall to early spring.
162	Plumas lupine	<i>Lupinus onustus</i>	No pretreatment required. Sow outside in fall to early spring.
163	Pacific woodrush	<i>Lucula comosa</i>	30 days cold-moist stratification. Sow outside in fall or early spring.
164	Elegant tarweed	<i>Madia elegans</i>	No pretreatment required. Sow outside in fall to early spring.
165	Coast man-root	<i>Marah oregana</i>	30 days cold-moist stratification. Sow outside in fall or early spring.
166	Large false Solomon's seal	<i>Maianthemum racemosum</i>	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.
167	Giant blazingstar	<i>Mentzelia laevicaulis</i>	60-90 days cold-moist stratification. Sow outside in fall.
168	Coyote mint	<i>Monardella odoratissima</i>	30 days cold-moist stratification. Sow outside in fall to late winter.

	A	B	C
169	Coyote tobacco	<i>Nicotiana attenuata</i>	No pretreatment required. Sow outside, or start in a greenhouse in spring.
170	Indian tobacco	<i>Nicotiana quadrivalvis</i>	No pretreatment required. Sow outside, or start in a greenhouse in spring.
171	Rock pennygrass	<i>Nocca fendleri</i>	30-60 days cold-moist stratification. Sow outside in fall to early spring.
172	False turtlehead	<i>Nothochelone nemorosa</i>	60-90 days cold-moist stratification. Sow outside in fall.
173	Oso berry	<i>Oemleria cerasiformis</i>	90-120 days cold-moist stratification. Sow outside in fall.
174	Douglas' grasswidow	<i>Oxynium douglasii</i>	90-120 days cold-moist stratification. Sow outside in fall.
175	Owl's clover	<i>Orthocarpus cuspidatus</i>	90 days cold-moist stratification. Sow outside in fall.
176	Brown's peony	<i>Paeonia brownii</i>	60-90 days cold-moist stratification. Sow outside in fall.
177	Indian warrior	<i>Pedicularis densiflora</i>	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.
178	Siskiyou penstemon	<i>Penstemon anguineus</i>	60-90 days cold-moist stratification. Sow outside in fall to early winter.
179	Hot rock penstemon	<i>Penstemon dentatus</i>	60-90 days cold-moist stratification. Sow outside in fall to early winter.
180	Mountain blue penstemon	<i>Penstemon laetus</i>	60-90 days cold-moist stratification. Sow outside in fall to early winter.
181	Small flowered penstemon	<i>Penstemon procerus</i>	60-90 days cold-moist stratification. Sow outside in fall to early winter.
182	Royal penstemon	<i>Penstemon speciosus</i>	60-90 days cold-moist stratification Sow outside in fall to early winter.
183	Western sweet coltsfoot	<i>Petasites frigidus</i>	No pretreatment required. Sow outside in fall to early spring.
184	Varileaf phacelia	<i>Phacelia heterophylla</i>	30 days cold-moist stratification. Sow outside in fall or early spring. Seeds need light to germinate, surface sow.
185	Tall phacelia	<i>Phacelia procera</i>	30 days cold-moist stratification. Sow outside in fall. Seeds need light to germinate, surface sow.
186	Mock orange	<i>Philadelphus lewisii</i>	90-120 days cold-moist stratification. Sow outside in fall.
187	Woodland phlox	<i>Phlox adsurgens</i>	Sow seeds outside in fall to early winter.
188	Pacific ninebark	<i>Physocarpus capitatus</i>	30 days cold-moist stratification. Sow outside in fall to early spring.
189	Shorthead seablush	<i>Plectritis congesta</i>	No pretreatment required. May germinate with fall rain or in early spring. Sow outside in fall to early spring.
190	Pine bluegrass	<i>Poa secunda</i>	No pretreatment required. Sow outside in fall to early spring. Germination may be improved with 30 days cold-moist stratification
191	Royal Jacob's ladder	<i>Polemonium carneum</i>	No pretreatment required. Sow outside in fall to early spring. Germination may be improved with 30 days cold-moist stratification
192	Hooker's fairybells	<i>Prosartes hookeri</i>	60-90 days cold-moist stratification. Sow outside in fall.
193	Bitter cherry	<i>Prunus emarginata</i>	90-120 days cold-moist stratification. Sow outside in fall.
194	Klamath plum	<i>Prunus subcordata</i>	90 days cold-moist stratification. Sow outside in fall to early winter.
195	Chokecherry	<i>Prunus virginiana</i>	90-120 days cold-moist stratification. Sow outside in fall.
196	Western buttercup	<i>Ranunculus occidentalis</i>	30 days cold-moist stratification. Seeds will germinate in fall if planted just before fall rain. Sow seeds outside in fall to late spring.
197	Western azalea	<i>Rhododendron occidentale</i>	No pretreatment required. Sow seeds outside in fall to early spring on the soil surface. Needs light to germinate. Surface sow.
198	Fragrant sumac	<i>Rhus aromatica</i>	Soak in hot (not boiling) water for 24 hours, then 60-90 days cold-moist stratification. Sow outside in fall to early winter.
199	Golden currant	<i>Ribes aureum</i>	90 days cold-moist stratification. Sow outside in fall.
200	Wax currant	<i>Ribes cereum</i>	90-120 days cold-moist stratification. Sow outside in fall.
201	Swamp currant	<i>Ribes lacustre</i>	120 days cold-moist stratification. Sow outside in fall.
202	Marshall's gooseberry	<i>Ribes marshallii</i>	90-120 days cold-moist stratification. Sow outside in fall for best germination.
203	Sierra currant	<i>Ribes nevadense</i>	90 days cold-moist stratification. Sow outside in fall.
204	Sierra gooseberry	<i>Ribes roezlii</i>	90-120 days cold-moist stratification. Sow outside in fall.
205	Red flowering currant	<i>Ribes sanguineum</i>	90-120 days cold-moist stratification. Sow outside in fall.
206	Sticky currant	<i>Ribes viscosissimum</i>	90 days cold-moist stratification. Sow outside in fall.
207	Blackcap raspberry	<i>Rubus leucodermis</i>	90 days cold-moist stratification. Sow seeds outside in fall.
208	Thimbleberry	<i>Rubus parviflorus</i>	30 days cold-moist stratification. Sow outside in fall or early spring.
209	Waxy coneflower	<i>Rudbeckia glaucescens</i>	30 days cold-moist stratification. Sow outside in fall or early spring.
210	Western coneflower	<i>Rudbeckia occidentalis</i>	30 days cold-moist stratification. Sow outside in fall or early spring.

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211	Blue elderberry	<i>Sambucus nigra</i> spp. <i>caerulea</i>	60-90 days cold-moist stratification. Sow outside in fall.
212	Purple sanicle	<i>Sanicula bipinnatifida</i>	30-60 days cold-moist stratification. Sow outside in fall or early spring.
213	Pacific blacksnakeroot	<i>Sanicula crassicalis</i>	30-60 days cold-moist stratification. Sow outside in fall or early spring.
214	Lambstongue ragwort	<i>Senecio integerrimus</i>	30-60 days cold-moist stratification. Sow outside in fall to late winter.
215	Arrow leaved ragwort	<i>Senecio triangularis</i>	30-60 days cold-moist stratification. Sow outside in fall to late winter.
216	Oregon whitetop aster	<i>Sericocarpus oregonensis</i>	30 days cold-moist stratification. Sow outside in fall to early spring.
217	Oregon checkermallow	<i>Sidalcea oregana</i>	60-90 days cold-moist stratification. Sow outside in fall to early winter.
218	Campanulate campion	<i>Silene greenei</i>	30-60 days cold-moist stratification. Sow outside in fall to late winter.
219	Hooker's silene	<i>Silene hookeri</i>	60 days cold-moist stratification. Surface sow in fall to early winter.
220	West coast Canada goldenrod	<i>Solidago elongata</i>	No pretreatment required. Sow outside in fall to early spring.
221	Mountain ash	<i>Sorbus scopulina</i>	90-120 days cold-moist stratification. Sow outside in fall.
222	Douglas' spiraea	<i>Spiraea douglasii</i>	30-60 days cold-moist stratification. Sow outside in fall to late winter.
223	Subalpine spiraea	<i>Spiraea splendens</i>	30-60 days cold-moist stratification. Sow outside in fall to late winter.
224	Rough hedgesettle	<i>Stachys rigida</i>	No pretreatment necessary, but germination may be improved with 30 days cold-moist stratification. Sow outside in fall to early spring.
225	Claspleaf twistedstalk	<i>Streptopus amplexifolius</i>	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.
226	Snowberry	<i>Symphoricarpos albus</i>	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.
227	Leafybract aster	<i>Symphotrichum foliaceum</i>	No pretreatment required. Sow outside in fall to early spring.
228	Douglas aster	<i>Symphotrichum subspicatum</i>	No pretreatment required. Sow outside in fall to early spring.
229	Fringe cups	<i>Tellima grandiflora</i>	30 days cold-moist stratification. Sow outside in fall to early spring.
230	Meadow deathcamas	<i>Toxicoscordion venenosum</i>	Sow seeds outside in fall to early winter.
231	Western false asphodel	<i>Triantha occidentalis</i>	60-90 days cold-moist stratification. Sow outside in fall.
232	Vinegarweed	<i>Trichostema lanceolatum</i>	60-90 days cold-moist stratification. Sow outside in fall to early winter.
233	Howell's clover	<i>Trifolium howellii</i>	Sow seeds outside in fall to early winter.
234	Giant trillium	<i>Trillium albidum</i>	Seed requires two warm/cold cycles to germinate. Plant outside in fall. Seeds will germinate the second spring after being sown.
235	Western trillium	<i>Trillium ovatum</i>	Seed requires two warm/cold cycles to germinate. Plant outside in fall. Seeds will germinate the second spring after being sown.
236	Henderson's triteleia	<i>Triteleia hendersonii</i>	60-90 days cold-moist stratification. Sow outside in fall to early winter.
237	Wild hyacinth	<i>Triteleia hyacinthina</i>	60-90 days cold-moist stratification. Sow outside in fall to early winter.
238	Silver puffs	<i>Uropappus lindleyi</i>	Sow seeds outside in fall.
239	Thinleaf huckleberry	<i>Vaccinium membranaceum</i>	90 days cold-moist stratification. Sow on soil surface outside in fall to early winter.
240	Evergreen huckleberry	<i>Vaccinium ovatum</i>	60 days cold-moist stratification is needed for germination for stored seed for this species. If the seed is fresh it may not need stratification, or it may benefit from only 30 days cold-moist stratification. Sow seeds with a very light layer of soil outside in fall to early spring and let nature do the work, or in mild climates artificial stratification may be needed for seed.
241	Red huckleberry	<i>Vaccinium parvifolium</i>	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.
242	Northern insideout flower	<i>Vancouveria hexandra</i>	6 weeks warm-moist stratification followed by 6-8 weeks cold-moist stratification. Sow outside in late summer to early fall.
243	California false hellebore	<i>Veratrum californicum</i>	30-60 days warm-moist stratification followed by 90-120 days cold-moist stratification. Sow outside in early fall.
244	Western verbena	<i>Verbena lasiostachys</i>	30-60 days cold-moist stratification. Sow outside in fall to early spring.
245	American vetch	<i>Vicia americana</i>	Soak in hot (not boiling) water for 24 hours and sow outside in fall to early spring.
246	California wild grape	<i>Vitis californica</i>	120 days cold-moist stratification. Sow outside in fall.
247	Mule's ears	<i>Wyethia angustifolia</i>	90 days cold-moist stratification. Sow outside in fall.
248	Beargrass	<i>Xerophyllum tenax</i>	90-120 days cold-moist stratification. Sow outside in fall.