

National Tree Seed Laboratory Species							
Family Species	Common Name	Research Lead(s)	Existing AOSA Germ Rule ¹	Existing AOSA Seed Weight ¹	AOSA Suggested Germ ²	AOSA Suggested Seed Weed Wt. ²	Priority
Apiaceae							
<i>Lomatium dissectum</i>	Fernleaf biscuitroot	SSL-B					1
<i>L. grayi</i>	Gray's biscuitroot	SSL-B			X		1
<i>L. macrocarpum</i>	Bigseed lomatium						
<i>L. nuttallii</i>	Nuttall desert parsley	UDWR					1
<i>L. triternatum</i>	Nineleaf biscuitroot	SSL-B					1
Asteraceae							
<i>Achillea millefolium</i>	Western yarrow		X	X			
<i>Agoseris glauca</i>	Pale agoseris	SSL-P					1
<i>Agoseris heterophylla</i>	Annual agoseris						
<i>Antennaria</i> spp.	Pussytoes						
<i>Antennaria microphylla</i>	Rosy pussytoes						
<i>Balsamorhiza hookeri</i>	Hooker balsamroot						1
<i>Balsamorhiza sagittata</i>	Arrowleaf balsamroot	UDWR	X	X			
<i>Crepis acuminata</i>	Tapertip hawksbeard	UDWR					1
<i>C. occidentalis</i>	Longflower hawksbeard						1
<i>Erigeron</i> spp.	Old man in the spring				X		
<i>Erigeron chrysopsidis</i>	Dwarf yellow fleabane						
<i>Erigeron linearis</i>	Desert yellow fleabane						
<i>Erigeron pumilus</i>	Shaggy fleabane						1
<i>Lactuca</i> spp.	Lettuce						
<i>Lygodesmia</i> spp.	Skeletonplant						
<i>Macheranthera canescens</i>	Hoary aster						1
<i>Microseris nutans</i>	Nodding microseris						1
<i>Stephanomeria</i> spp.	Wirelettuce						
<i>Tragopogon dubius</i>	Yellow salsify	SSL-P					1
<i>Viguiera</i> spp.	Goldeneye						
<i>Viguiera multiflora</i>	Showy goldeneye				X		
<i>Wyethia amplexicaulis</i>	Mule-ears						
Brassicaceae							
<i>Schoenrambe linifolia</i>	Slenderleaf schoenrambe						
<i>Schoenrambe speciosus</i>	Plains mustard						
Capparaceae							
<i>Cleome lutea</i>	Yellow spiderflower						
<i>C. serrulata</i>	Rocky Mountain beeplant						

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Fabaceae							
<i>Astragalus</i> spp.	Milkvetch						
<i>Astragalus eremiticus</i>	Hermit milkvetch						
<i>Astragalus filipes</i> (<i>A. stenophyllus</i>)	Threadstalk milkvetch	FRRL					1
<i>Astragalus lentiginosus</i>	Freckled milkvetch						
<i>Astragalus purshii</i>	Woollypod milkvetch						
<i>Astragalus utahensis</i>	Utah milkvetch	SSL-P					1
<i>Dalea ornata</i>	Western prairieclover	FRRL					1
<i>Lupinus wyethii</i>	Wyeth's lupine						
<i>Hedysarum boreale</i> ssp. <i>utahensis</i>	Boreal sweetvetch	FRRL, UDWR	X ³	X ³			1
<i>Lathyrus brachycalyx</i>	Rydberg sweetpea						
<i>Lotus utahensis</i>	Utah deer vetch						
<i>Lupinus</i> spp.	Lupine		X				
<i>Lupinus argenteus</i>	Silvery lupine	SSL-P					1
<i>Lupinus sericeus</i>	Silky lupine	SSL-P					1
<i>Lupinus wyethii</i>	Wyeth's lupine						
<i>Trifolium macrocephalum</i>	Largehead clover						
<i>T. variegatum</i>	Whitetip clover						
<i>T. gymnocarpon</i>	Hollyleaf clover						
<i>Vicia americana</i>	American vetch						
Liliaceae							
<i>Allium acuminatum</i>	Tapertip onion	ARS Pullman					1
<i>Calochortus macrocarpus</i>	Green-banded star tulip						
<i>Calochortus nuttallii</i>	Sego lily						
<i>Calochortus gunnisonii</i>	Gunnison's mariposa lily						
Linaceae							
<i>Linum lewisii lewisii</i>	Blue flax	SSL-P		X	X		1
<i>Linum perenne</i>	Blue flax		X				
Malvaceae							
<i>Sphaeralcea</i> spp.	Globemallow						
<i>Sphaeralcea coccinea</i>	Scarlet globemallow	UDWR			X	X	1
<i>S. grossulariifolia</i>	Gooseberryleaf globemallow	UDWR					1
<i>S. munroana</i>	Munro's globemallow	FRRL					1

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Poaceae							
<i>Achnatherum hymenoides</i>	Indian ricegrass	FRRL	X	X			
<i>Achnatherum speciosum</i>	Desert needlegrass				X	X	
<i>Achnatherum thurberianum</i>	Thurber needlegrass	FRRL	X	X			
<i>Bromus carinatus</i>	California brome				X	X	
<i>Elymus elymoides</i>	Squirreltail grass	FRRL	X	X	X		
<i>E. elymoides brevifolia</i>	Bottlebrush squirreltail	FRRL					1
<i>Elymus macrourus</i>	Thickspike wheatgrass						1
<i>Elymus wawawaiensis</i>	Snake River wheatgrass						1
<i>Hesperostipa comata</i>	Needle and thread	UDWR, SSL-P, FRRL	X	X			
<i>Leymus cinereus</i>	Basin wildrye	UDWR, FRRL	X	X			
<i>Pascopyrum smithii</i>	Western wheatgrass	FRRL	X	X			
<i>Poa secunda</i>	Sandberg bluegrass	FRRL	X	X			
<i>Pseudoroegneria spicata</i>	Bluebunch wheatgrass	UDWR	X	X			
Polemoniaceae							
<i>Collomia linearis</i>	Narrowleaf collomia						
<i>Microsteris gracilis</i>	Slender phlox						
<i>Phlox hoodii</i>	Hood's phlox						
<i>P. longifolia</i>	Longleaf phlox	SSL-P					1
Polygonaceae							
<i>Eriogonum cernuum</i> var. <i>cernuum</i>							
<i>Eriogonum microthecum</i> var. <i>laxiflorum</i>							
<i>Eriogonum ovalifolium</i>	Cushion buckwheat	UDWR					1
<i>E. ovalifolium</i> var. <i>ovalifolium</i>							
<i>E. umbellatum</i>	Sulfur-flower buckwheat	SSL-B					1
<i>E. vimineum</i>	Annual buckwheat						
Saxifragaceae							
<i>Lithophragma bulbifera</i>	Bulbiferous prairie star						
<i>Lithophragma parviflora</i>	Small flowered fringe cup						

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Scrophulariaceae							
<i>Castilleja applegatei</i>	Wavyleaf Indian paintbrush						
<i>Collinsia parviflora</i>	Blue-eyed Mary						
<i>Penstemon</i> spp.			X				
<i>Penstemon acuminatus</i>	Sharpleaf penstemon	SSL-B					1
<i>P. cyaneus</i>							1
<i>P. deustus</i>	Scabland penstemon	SSL-B					1
<i>P. deustus</i> var. <i>pedicellatus</i>							
<i>P. pachyphyllus</i> var. <i>congestus</i>							
<i>P. palmeri</i>	Palmer's penstemon		X	X			
<i>P. rostriflorus</i>							
<i>P. speciosus</i>	Sagebrush penstemon	SSL-B			X		1
<i>P. spectabilis</i>	Showy penstemon						

1 Association of official Seed Analysts. 1998. Rules for testing seeds. Las Cruces, NM: Association of Official Seed Analysts. 126 p.

2 AOSA suggested purity and/or germination procedures for species without testing rules.

3 Tests are for *Hedysarum boreale* ssp. *boreale*.