

**WAC 16-302-470 Seed standards for woody plants, forbs, and other reclamation species.** Seed standards for the production of woody plants, forbs, and other reclamation species are as follows:

FND = Foundation class

REG = Registered class

RNW = Restricted Noxious Weed Seed Limit

Crop/Common Name(s)	Minimum % Germination		Minimum % Pure seed		Maximum % Inert		Maximum % Weeds (i)		Maximum % Other crops	
	F/R	C	F/R	C	F/R	C	F/R	C	F/R	C
<i>Sanguisorba minor</i> • Small burnet	80.00	80.00	95.00	95.00	5.00	5.00	0.10	0.20	0.10	0.25
<i>Dalea purpurea</i> • Purple prairie clover	60.00 (ii)	60.00 (ii)	95.00	95.00	5.00	5.00	0.20	0.50	0.10	0.25
<i>Purshia tridentata</i> • Bitterbrush • antelope	75.00	75.00	95.00	95.00	5.00	5.00	0.10	0.20	0.40	1.25
<i>Balsamorhiza sagittata</i> • Balsamroot • arrowleaf	85.00	85.00	99.00	98.00	1.00	2.00	0.02	0.04	0.10	0.20
					Sclerotinia None found	Sclerotinia 1/lb				
<i>Atriplex canescens</i> • Saltbush • four-wing	30.00	30.00	85.00	85.00	15.00	15.00	0.25	0.50	0.40	1.25
									includes 0.15 (vii)	includes 0.50 (vii)
<i>Gaillardia aristata</i> • Blanket-flower	60.00	60.00	90.00	90.00	10.00	10.00	0.20	1.00	0.20	2.00
									includes 0.10 (vii)	includes 0.25 (vii)
<i>Liatris pycnostachya</i> • Prairie blazingstar • Thickspike Gayfeather	60.00	60.00	85.00	80.00	15.00	20.00	0.30	0.30	0.20	2.00
									includes 0.10 (vii)	includes 0.25 (vii)
<i>Bassia prostrata</i> • Forage kochia	35.00	35.00	65.00	65.00	35.00	35.00	0.10	0.20	9/lb	25/lb
							RNW 45/lb	RNW 91/lb		
<i>Artemisia ludoviciana</i> • Louisiana sagebrush • White sagebrush • Columbia river wormwood	30.00	30.00	80.00	80.00	20.00	20.00	0.25	0.50	0.40	1.25
									includes 0.25 (vii)	includes 0.75 (vii) 2.00 (iii)
<i>Artemisia tridentata</i> • Big mountain sagebrush • Big sagebrush • Big basin sagebrush • Wyoming sagebrush	50.00	50.00	10.00	10.00	90.00	90.00	0.25	0.50	0.40	1.25
									includes 0.10 (vii)	includes 0.25 (vii) 2.00 (iii)
<i>Salvia azurea</i> • Pitcher sage (salvia) • Blue sage	25.00	25.00	90.00	90.00	10.00	10.00	0.30	0.30	0.40	1.25
									includes 0.10 (vii)	includes 0.25 (vii) 2.00 (iii)
<i>Astragalus cicer L.</i> • Milkvetch, ciccer	75.00	70.00	99.00	98.00	1.00	2.00	0.01	0.20	0.01	0.20
					includes Sclerotia 0.10	includes Sclerotia 0.10	RNW None found	RNW 10/lb	includes 0.10 (vii)	includes 0.50 (vii)
<i>Melilotus officinalis</i> • Sweet clover	75.00	70.00	99.00	98.00	1.00	2.00	0.01	0.20	0.01	0.20
					includes Sclerotia 0.10	includes Sclerotia 0.10	RNW None found	RNW 18/lb	includes 0.10 (vii)	includes 0.50 (vii)
<i>Lupine spp.</i> • Lupine	80.00	80.00	98.00	98.00	2.00	2.00	0.25	0.50	0.10	0.40
							RNW None found	RNW 9/lb		

Crop/Common Name(s)	Minimum % Germination		Minimum % Pure seed		Maximum % Inert		Maximum % Weeds (i)		Maximum % Other crops	
	F/R	C	F/R	C	F/R	C	F/R	C	F/R	C
<i>Cercocarpus montanus</i> • Mountain mahogany	60.00	60.00	85.00	85.00	15.00	15.00	0.25(a)	0.50(a)	0.40 0.15(g)	1.25 0.75(g)
<i>Penstemon spp.</i>	80.00 (iv)	80.00 (iv)	90.00	90.00	10.00	10.00	0.20	1.00	0.20 (iii)	2.00 (iii)
<i>Penstemon palmeri</i> • Rocky Mountain penstemon	80.00 (iv)	80.00 (iv)	90.00	90.00	10.00	10.00	0.20	1.00	0.20 (iii)	2.00 (iii)
<i>Penstemon strictus</i> • Rocky Mountain penstemon • Rocky Mountain beardtongue	80.00 (iv)	80.00 (iv)	90.00	90.00	10.00	10.00	0.20	1.00	0.20 (iii)	2.00 (iii)
<i>Ratibida columnifera</i> • Prairie-coneflower	60.00	60.00	90.00	90.00	10.00	10.00	0.20	1.00	0.20 (iii)	2.00 (iii)
<i>Carthamus tinctorius</i> • Safflower	80.00	80.00	99.00	98.00	1.00	2.00	FND None found	0.20	FND None found	0.10
<i>Onobrychis viciifolia</i> • Sainfoin	NS	80.00	99.00	99.00	1.00	2.00	REG 0.10%	0.20	REG 1/1lb (vi)	includes 1/1lb (vi)
<i>Sporobolus rigidus</i> • Sand-reed, prairie	70.00	70.00	90.00	90.00	10.00	10.00	0.10 (i)	0.20	None found	0.10
<i>Krascheninnikovia lanata</i> • Winterfat	40.00	40.00	60.00	60.00	40.00	40.00	RNW None found	RNW 9/lb		
							0.10	0.25	0.10	0.50
							0.25	0.50	0.40 includes 0.15 (vii)	1.25 includes 0.75 (vii)

- (i) Must be free prohibited and restricted noxious weed seed.
- (ii) Includes total germination and hard seed.
- (iii) Never to exceed 0.25% other forbs.
- (iv) Total viability by TZ.
- (v) Sweet clover.
- (vi) Barley, oats, rye, triticale, or wheat.
- (vii) Other varieties or kinds.

[Statutory Authority: RCW 15.49.005, [15.49].021, [15.49].310, [15.49].370, 15.140.030, and chapter 15.49 RCW. WSR 25-09-035, s 16-302-470, filed 4/9/25, effective 5/10/25. Statutory Authority: RCW 15.49.005, [15.49].021, [15.49].310, [15.49].370, and chapter 34.05 RCW. WSR 18-19-017, § 16-302-470, filed 9/10/18, effective 10/11/18. Statutory Authority: RCW 15.120.030(3), 15.49.021, 15.49.310, and chapter 34.05 RCW. WSR 17-08-090, § 16-302-470, filed 4/5/17, effective 5/6/17. Statutory Authority: RCW 15.49.005, 15.49.081, 15.49.310, 15.49.370(3), and chapter 34.05 RCW. WSR 14-20-050, § 16-302-470, filed 9/25/14, effective 10/26/14. Statutory Authority: RCW 15.49.005, 15.49.081, 15.49.310, 15.49.370(3) and chapter 17.24 RCW. WSR 00-24-077, § 16-302-470, filed 12/4/00, effective 1/4/01.]