

Developing native plant germplasm for national forests and grasslands in the Pacific Northwest—corrected table 1

| Vicky J Erickson

ABSTRACT

As originally published (Erickson 2008), Table 1 on pages 260 and 261 inadvertently had erroneous numbers in the “average seeds per kg” column.

KEY WORDS

grassland restoration, prairie, herbicide, restoration methods, seed addition, native diversity, invasive species

Erickson V. 2008. Developing native plant germplasm for national forests and grasslands in the Pacific Northwest. *Native Plants Journal* 9(3):255–266.

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TABLE 1

Quantity (kg) of cleaned seeds needed to establish a 1-ha production field and estimated first- and second- yields in the Columbia Basin of eastern Oregon and Washington.

Species	Sowing rates (kg of clean seeds to sow per ha) ^z	Average first-y yields (kg/ha) ^y	Average second-y yields (kg/ha) ^y	Average seeds per kg	Average germination/ purity of harvested seeds (%)
FAMILY POACEAE					
Bluebunch wheatgrass (<i>Pseudoroegneria spicata</i> (Pursh) A. Löve)	9	225	340	308 600	75/95
Blue wildrye (<i>Elymus glaucus</i> Buckley)	7	500	225	242 500	65/96
Bottlebrush squirreltail (<i>Elymus elymoides</i> (Raf.) Swezey) or Big squirreltail (<i>Elymus multisetus</i> M.E. Jones)	7	0	140	242 500	75/90
California oatgrass (<i>Danthonia californica</i> Bol.)	9	30	280	275 600	75/90
Great Basin wildrye (<i>Leymus cinereus</i> (Scribn. & Merr.) A. Löve)	9	30	180	286 600	75/95
Idaho fescue (<i>Festuca idahoensis</i> Elmer)	5	60	450	992 100	75/90
Indian ricegrass <i>Oryzopsis hymenoides</i> (Roem. & Schult.) Ricker ex Piper	7	0	225	264 600	80/85
Lemmon's needlegrass (<i>Achnatherum lemmonii</i> (Vasey) Barkworth)	9	170	850	330 700	50/95

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Species	Sowing rates (kg of clean seeds to sow per ha) ^z	Average first-y yields (kg/ha) ^y	Average second-y yields (kg/ha) ^y	Average seeds per kg	Average germination/purity of harvested seeds (%)
Mountain brome (<i>Bromus marginatus</i> Nees ex Steud.)	11	900	680	154 300	85/90
Needle and thread grass (<i>Hesperostipa comata</i> (Trin. & Rupr.) Barkworth)	7	0	170	220 500	50/95
Pinegrass (<i>Calamagrostis rubescens</i> Buckley)	2	0	150	5 511 600	75/75
Prairie Junegrass (<i>Koeleria macrantha</i> (Ledeb.) Schult.)	2	170	570	5 103 700	80/97
Sandberg's bluegrass (<i>Poa secunda</i> J. Presl)	3	350	680	2 896 900	75/92
Slender hairgrass (<i>Deschampsia elongata</i> (Hook.) Munro)	3	680	400	4 409 200	80/95
Thurber's needlegrass (<i>Achnatherum thurberianum</i> (Piper) Barkworth)	6	0	170	496 000	50/95
Tufted hairgrass (<i>Deschampsia cespitosa</i> (L.) P. Beauv)	2	125	580	5 511 600	75/90
Western needlegrass (<i>Achnatherum occidentale</i> (Thurb.) Barkworth)	6	115	215	606 300	50/95

FAMILY ASTERACEAE

Common yarrow (<i>Achillea millefolium</i> L.)	2	190	190	6 613 900	85/98
Pearly everlasting (<i>Anaphalis margaritacea</i> (L.) Benth.)	1	60	60	17 637 000	60/85

Source: PNW Forest Service seed production database.
^z Sowing rate will need to be increased if germination and/or purity of seeds are lower than recommended values.
^y Yield figures assume a late summer or fall sowing in year 0.
 Conversions: kg/ha x 0.89 = lb/ac; seeds/kg x 0.45 = seeds/lb