



Oregon Seed Certification Service
<http://seedcert.oregonstate.edu>

CERTIFICATION STANDARDS
FESTULOLIUM 2x/4x
(diploid & tetraploid hybrids of Lolium spp. and Festuca arundinacea or F. pratensis)*
 Revised February 23, 2023

Certification Standards: The general standards for seed certification found in the Oregon Seed Certification Service (OSCS) Handbook are basic to all crops, and together with the following specific regulations constitute the standards for certified festulolium 2x/4x.

Varieties Certified: Varieties and classes eligible for planting may be found in the OSCS Handbook.

Field History: Land must not have grown nor been seeded to these listed species and for the periods of time, as follows:

Previous crop	Time out required, in years		
	Foundation	Registered	Certified
Annual Ryegrass	5	5	5
Perennial Ryegrass	5	5	2
Intermediate Ryegrass	5	5	5
Festulolium 2x/4x	5	5	5
Festulolium 6x	0	0	0
Tall Fescue	0	0	0
Meadow Fescue	5	5	2

For Registered and Certified classes, these requirements are waived if the previous crop year of festulolium was of the same variety, same or higher class and passed certification field requirements for genetic purity. **Modified Land History** provisions apply to this crop (see OSCS General Standards IV, C. Land Requirements #2), which can reduce the period following a previous annual ryegrass or festulolium 2x/4x crop to three years for conventional tillage practices and two years if a continuous no-till MLH option is used. PLEASE NOTE: If the two year out no-till MLH option is used, following the two years the festulolium crop planted must also be no-till to qualify for certification. Festulolium 2x/4x must be planted in distinct rows. Exceptions must be approved by the Seed Certification Office prior to planting.

Field Inspection: A seedling and seed crop inspection(s) are required. The seedling application must be submitted within 60 days of planting, and a seed crop application must be submitted by April 15 of each year in which seed is produced.

Field Standards:

Class of seed produced	Maximum permitted Other Varieties ¹	Isolation Requirements ²	
		Less than 5 acres	More than 5 acres
Foundation	None	900 ft.	900 ft.
Registered	0.5%	660 ft.	300 ft.
Certified	1.0%	330 ft.	165 ft.

Seed Standards: (Minimum Sample Size – 1/2 pound)

Factor	Foundation (White Tag)	Registered (Purple Tag)	Certified (Blue Tag)
Pure seed, minimum	98.00%	98.00%	98.00%
Other crops, maximum	0.10%	0.10%	0.50%
Inert matter, maximum	2.00%	2.00%	2.00%
Weed seed ³ , maximum	0.15%	0.15%	0.50%
Weed seed, GROUP A ⁴ , singly or combined	None	45/lb.	45/lb.
Germination	75%	75%	75%

*Taxonomists place tall and meadow fescue in one of three genera: as *Festuca arundinacea* and *F. pratensis* (see USDA Germplasm Resource Information Network – GRIN); as *Schedonorus arundinaceus* and *S. pratensis* (see Flora of North America, Vol. 24, pgs. 446-448; Integrated Taxonomic Information System – ITIS; and USDA, NRCS Plants Database); and as *Lolium arundinaceum* (see USDA, NRCS Plant Guide and Plant Fact Sheet for tall fescue and as *Lolium pratense* (see Integrated Taxonomic Information System – ITIS).

¹ Includes off-types plants.

² This distance must be maintained from festulolium, meadow fescue and all ryegrass of the same ploidy; no less than 15 feet isolation is required between diploids and tetraploids. A mechanical separation must be maintained from tall fescue. See Section IV, D in the OSCS Handbook.

³ None of the prohibited weeds listed in Section V in the OSCS Handbook, nor any St. Johnswort allowed in any class of seed.

⁴ GROUP A – buckhorn plantain, docks, sheep sorrel and bedstraw