



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 certified Penncross Creeping bentgrass standards.

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

Planting Stock: Field must be planted with Foundation planting material in an approved systematic planting pattern. Certified seed produced will be tagged but cannot be planted for further certification.

Field History: To produce Certified seed land must not have grown or been planted to any *Agrostis* species during the previous five years. A grower may plant a field back to Penncross that has not produced or set seed, assuming proper planting stock of Penncross has been used previously, under the modification of field history. For further details see section IV, C in the OSCS Handbook.

Field Inspections: Include a seedling and a seed crop inspection. The seedling applications 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 | Minimum Original Stand | Isolation Requirements ² | |
|------------------------|--|------------------------|-------------------------------------|-------------------|
| | | | Less than 5 acres | More than 5 acres |
| Certified | 2.0% | 70% | 330 ft. ³ | 165 ft. |

Special Requirements:

- A. All materials and equipment used in planting must be thoroughly cleaned so that no mixing occurs.
- B. A field of Penncross may produce only five Certified seed crops following the first or establishment year.
- C. An even balance of seed heads must be maintained during the entire five-year life of the stand.

Seed Standards: (Minimum Sample Size – 1/4 Pound)

| Factor | Certified (Blue tag) |
|--|----------------------|
| Pure seed, minimum | 97.00% |
| Other crops ⁴ , maximum | 1.00% ⁵ |
| Inert matter, maximum | 2.00% |
| Weed seed ⁶ maximum | 0.10% |
| Weed seed, GROUP A ⁷ , singly or combined | 180/lb. |
| Germination, including hard seed | 80% |

Appearance: Bentgrass seed lots composed of 75% or more hulled (groated) seed will not be certified unless blended with unhulled certified eligible lots of seed in reasonable amount to present good appearance of less than 75%

¹ Includes off-type plants.

² This distance must be maintained between all other varieties, such as Colonial, Creeping, and Velvet bentgrass. For additional details, section IV, D in the OSCS Handbook.

³ Certified class fields less than 5 acres must be 165 ft. from all Velvet bentgrass.

⁴ No more than 0.03% of Rough bluegrass is allowed in Certified seed.

⁵ Not more than 0.25% of coarse kinds of grasses (Kentucky bluegrass and other bentgrasses).

⁶ None of the prohibited weeds listed in section V in the OSCS Handbook, nor any Buckhorn plantain, St. Johnswort, Docks, Sheep sorrel nor Corn bedstraw is allowed in Certified seed. No more than 0.03% of Annual bluegrass is allowed in Certified seed.

⁷ GROUP A – Mouse-ear chickweed, Yarrow.