

ORCHARDGRASS

I. Class of Seed Eligible for Certification

For varieties eligible for certification, see page 4 of the General Standards.

A. **Foundation Seed** is produced by sowing breeder seed. A field sown with breeder seed may be harvested for foundation seed production three successive years following the year of establishment. After eligibility to produce foundation seed has expired, fields will be eligible to produce registered seed as described in Section B and/or certified seed as described in Section C.

B. **Registered Seed** is produced by sowing foundation seed. A field sown with foundation seed may be harvested for registered seed production three successive seed crop years following the year of establishment. After eligibility to produce registered seed has expired, fields will be eligible to produce certified seed as described in Section C.

C. **Certified Seed** is produced by sowing foundation or registered seed. These fields will be eligible to produce certified class seed indefinitely, as long as no more than two seasons elapse between the production of certified seed crops.

II. Application for Certification

A map of each field producing certified seed (ASCS or SCS map will suffice) showing field boundaries must be supplied with the application for field inspection when certification of each field is requested for the first time. Each field shall be assigned a permanent field number on the map and that same field number will be entered subsequently on all field inspection reports. A separate listing giving the total number of acres in each field and seeding dates (including month and year) must also be supplied with field maps.

III. Land History Requirements

A. **Foundation Seed Fields** – A field to be eligible for the production of foundation seed must not have grown or been seeded to the same species during the immediate five years prior to seeding.

B. **Registered and Certified Seed Fields** – A field to be eligible for the production of registered or certified seed must not have grown or been seeded to the same species during the previous year prior to seeding, except if planted to foundation or registered seed of the same variety.

IV. Field Standards

A. **Field Inspection**

1. Seed crop field inspections for all varieties will be after heading but before harvesting.

2. If a field is harvested before field inspection, then it automatically becomes ineligible for certification.

B. Isolation – The following isolation requirements shall be met when any orchardgrass is in bloom at the same time as the inspected variety:

Minimum Isolation Distance *

for a **border strip of the following distance** mowed prior to inspection **

For Border Strip of:	0 Feet	9 Feet	15 Feet
<i>Foundation Class</i>			
<i>Minimum Isolation =</i>	<i>900 Feet</i>	<i>600 Feet</i>	<i>450 Feet</i>
<i>Registered Class</i>			
<i>Minimum Isolation =</i>	<i>300 Feet</i>	<i>225 Feet</i>	<i>150 Feet</i>
<i>Certified Class</i>			
<i>Minimum Isolation =</i>	<i>165 Feet</i>	<i>100 Feet</i>	<i>75 Feet</i>

* When different classes of seed of the same variety are being grown on the same or adjacent fields, the isolation requirements may be reduced to 25% of that shown in the above table.

** Border removal applies only to fields of five acres or more. Due to the pollen barrier created by the border strip, it is important that this strip not be mowed prior to completion of bloom.

C. **Specific Requirements**

Factor	Maximum Permitted		
	Foundation	Registered	Certified
Other Varieties & Off-types	0.10% (1/1000 plants)	1.00% (1/100 plants)	2.00% (1/50 plants)

V. Seed Standards

Factor	Class of Seed		
	Foundation	Registered	Certified
Pure Seed (minimum)	85.00%	85.00%	85.00%
Inert Matter (maximum)	15.00%	15.00%	15.00%
Total Other Crop Seed (maximum)	0.20%	1.00%	1.00%
Other Varieties (maximum)	0.10%	1.00%	2.00%
Other Grass Species (maximum)	0.10%	0.10%	0.25%
Total Weed Seed (maximum) *	0.30%	0.30%	0.50%
Objectionable Weed Seed (maximum) ** lb	None	40 per lb	40 per lb
Germination (minimum)	80.00%	80.00%	80.00%

* The laboratory is requested to give a count on all permitted weed seed per pound when present, as well as noxious Bromus species. The increased cost of this count may be included in the statement of charges for laboratory tests.

** Seeds of certain OBJECTIONABLE WEEDS are prohibited, while others are limited to the maximum amount (singly or in combination) listed in the above table.

Prohibited Objectionable Weed Seed

Canada thistle (Cirsium arvense)	Dogbane (Apocynum spp.)
Johnsongrass (Sorghum halepense)	Knapweed (Centaurea spp.)
Quackgrass (Agropyron repens)	Broadleaf (bitter) dock (Rumex obtusifolius)
Corncockle (Agrostemma githago)	Pale (smooth) dock (Rumex altissimus)
Dodder (Cuscuta spp.)	Pennycress (Thlaspi arvense)
Giant foxtail (Setaria faberii)	Bladder campion (Silene cucubalus)
Oxeye daisy (Chrysanthemum leucanthemum)	White top (Cardaria spp.)
Wild onion (Allium canadense)	Toadflax (Livaria spp.)
Wild garlic (Allium vineale)	Leafy spurge (Euphorbia esula)
Field bindweed (Convolvulus arvensis)	Perennial sowthistle (Sonchus arvensis)

Permitted Objectional Weed Seed

Annual bluegrass (Poa annua)	Red sorrel (Rumex acetosella)
Buckhorn plantain (Plantago lanceolata)	Wild carrot (Daucus carota)
Bracted plantain (Plantago aristata)	Curly dock (Rumex crispus)