

TALL FESCUE

I. Classes of Seed Eligible for Certification

Eligible Varieties:

KY 31
Kenhy
Johnstone

Eligible Classes of Seed:

Foundation, Certified
Foundation, Certified
Foundation, Certified

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

B. **Certified Seed** is produced by sowing foundation seed. Fields sown with foundation seed may be harvested for certified seed production five successive seed crop years following the year of establishment. No more than two seed production years may elapse between the production of certified seed crops. For KY 31 fields older than 5 years, certification eligibility may be extended annually if a field is tested and found to be genetically and mechanically pure, for a maximum of three additional years.

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 (any tall fescue) during the immediate 5 years prior to seeding.

B. **Certified Seed Fields** – A field to be eligible for the production of certified seed must not have grown or been seeded to the same species (any Tall fescue) during the immediate 2 years prior to seeding.

IV. Field Standards

A. **Field Inspection**

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

2. New seedlings of Tall fescue varieties must also be field inspected within 60 days after planting.

3. 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 Tall fescue 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>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	Certified
Inseparable Other Crops	0.10% (1/1000 plants)	1.0% (1/100 plants)
Other Varieties and Crops	0.10% (1/1000 plants)	1.0% (1/100 plants)

V. Seed Standards

Factor	Class of Seed	
	Foundation	Certified
Pure Seed (minimum)	98.50%	98.50%
Inert Matter (maximum)	1.50%	1.50%
Total Other Crop Seed (maximum)	0.20%	1.00%
Other Varieties (maximum)	0.10%	1.00%
Other Grass Species (maximum)	0.10%	0.50%
Total Weed Seed (maximum)	0.30%	0.50%
Objectionable Weed Seed (maximum)	40 per lb	80 per lb
Germination (minimum)	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.)	Sorrel (Rumex acetosa)
Giant foxtail (Setaria faberii)	Bladder campion (Silene cucubalus)
Oxeye daisy (Chrysanthemum leucanthemum)	White top (Cardaria spp.)
Wild onion (Allium canadense)	Hedge bindweed (Convolvulus sepium)
Field bindweed (Convolvulus arvensis)	Toadflax (Livaria spp.)

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)

B. Tall Fescue Endophyte Infection of Seed

The following requirements for maximum allowable levels of seed infected with Tall Fescue Endophyte are mandatory for the Johnstone variety and optional for all other varieties.

Factor	Foundation Class	Certified Class
Percent of Seed Infected with Tall Fescue Endophyte (maximum)	1.00%	2.00%

Testing for Tall Fescue Endophyte content must be done using the staining test approved by KSIA. Seed testing laboratories performing the test and the test procedure to be used must be approved by the KSIA office.