

S O R G H U M

Forage and Syrup Sorghums

I. Classes of Seed Eligible for Certification

- A. **Foundation Seed** shall be the progeny of breeder or foundation seed.
- B. **Certified Seed** shall be the progeny of breeder or foundation seed.
Production from certified seed is not eligible to be re-certified.

II. Land History Requirements

- A. **Foundation Seed Fields** – A field to be eligible for the production of foundation seed must not have grown the same species during the immediate crop year prior to seeding, except if planted to breeder seed of the same variety and certification was completed.
- B. **Certified Seed Fields** – A field to be eligible for the production of certified seed must not have grown the same species during the immediate crop year prior to seeding, except if planted to breeder or foundation seed of the same variety and certification was completed.

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

III. Field Standards

A. **Field Inspection**

- 1. Seed crop field inspections shall be after the crop is fully headed so that varietal or crop mixtures can be determined.
- 2. If a field is harvested before field inspection, then it automatically becomes ineligible for certification.

- B. **Isolation** – For the production of foundation seed, it must be at least 990 feet from any other variety. For the production of certified seed, it must be at least 660 feet from any other variety.

IV. Specific Requirements

	<u>Foundation</u>	<u>Certified</u>
Definite Varietal Mixture, maximum *	1: 50,000 or 0.002%	1: 20,000 or 0.005%
Doubtful Varietal Mixture, maximum **	1: 20,000 or 0.005%	1: 1,000 or 0.10%
Head Smut, maximum	1: 10,000 or 0.01%	1: 10,000 or 0.01%
Kernel Smut, maximum	1: 2,500 or 0.04%	1: 2,500 or 0.04%

* Must be removed from the field before harvest and a cutback of all plants within the radius of five feet of such plants must be made.

** Must be removed from the field before harvest but no cutback will be necessary.

V. Seed Standards

	<u>Foundation</u>	<u>Certified</u>
Pure Seed, minimum	98.00%	98.00%
Inert Matter, minimum	2.00%	2.00%
Other Varieties, maximum	None	None
Other Crop Seed, maximum	0.01%	0.08%
Total Weed Seed, maximum	0.10%	0.10%
Noxious Weeds and Morning Glory*	None	None
Germination, minimum	80.00%	80.00%

* Noxious weeds in Kentucky are: quackgrass, dodder, Sorrel buckhorn, corncockle, Wild onion, Canada thistle, Oxeye daisy, Johnsongrass, Giant foxtail, Annual bluegrass, balloonvine and Purple moonflower.