

Kentucky Seed Certification Standards

KURA CLOVER

I. Classes of Seed Eligible for Certification

Eligible Varieties:

Eligible Classes of Seed:

Rhizo

Foundation, Certified

A. **Foundation Seed** is produced by sowing breeder seed. A field sown with breeder seed will not be eligible to produce foundation seed after three seed crops. A stand of Rhizo Kura clover will not be eligible to produce foundation seed during the year of establishment.

B. **Certified Seed** is produced by sowing foundation seed. A field sown with foundation seed will not be eligible to produce certified seed after five seed crops. A stand of Rhizo Kura clover will not be eligible to produce certified seed during the year of establishment.

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 of the map and that same field number will be entered subsequently on all field inspection reports.

III. Land History Requirements

Foundation and Certified Seed shall be planted only on land on which no Kura clover plants of other strains or varieties have grown for at least the preceding five and two years respectively, during one of which the land must be cultivated or sprayed following no-till farming practices. The land must be free of volunteer plants of the crop kind during the year immediately prior to establishment, and no manure or other contaminating material shall be applied the year previous to seeding or during the establishment and productive life of the stand. Any grazing of livestock that permits the distribution of contaminating seed shall not be permitted.

IV. Field Standards

A. **Field Inspection**

1. Seed fields shall be inspected at blossom time.
2. If a field is harvested before field inspection, then it automatically becomes ineligible for certification.

B. Isolation – A field producing certified seed must have the minimum isolation distance from fields of any other variety or fields of the same variety that do not meet the varietal purity requirements for certification as follows:

Minimum distances from a different variety or a non-certified crop of the same kind shall be:

<u>Class</u>	<u>Field < 5 Acres *</u>	<u>Field 5+ Acres *</u>
Foundation	900 Feet	600 Feet
Certified	165 Feet	165 Feet

* The isolation distance between classes of the same variety may be reduced to 10 feet, regardless of class or size of field.

C. **Specific Requirements**

<u>Factor</u>	<u>Maximum Permitted to Ratio of Plants</u>	
	Foundation	Certified
Other Varieties *	0.10% 1 : 1000	1.00% 1 : 100

IV. Seed Standards

Factor	Class of Seed	
	Foundation	Certified
Pure Seed (minimum)	99.00%	99.00%
Inert Matter (maximum)	1.00%	1.00%
Other Crop Seed (maximum) *	0.20%	1.00%
Other Varieties (maximum)	0.10%	1.00%
Other Kinds (maximum)	0.10%	0.50%
Sweet Clover (maximum)	9 per lb	180 per lb
Total Weed Seed **	0.25%	0.50%
Total Objectionable Weed Seed (maximum) ***	9 per lb	90 per lb
Total Germination and Hard Seed (minimum)	80.00%	80.00%

* Including other varieties

** The laboratory is requested to give a count on all permitted weed seed per pound when present.

VI. Kura clover seed shall be free of seed of the following weeds:

Bindweed (<i>Convolvulus arvensis</i>)	Leafy spurge (<i>Euphorbia esula</i>)
Canada thistle (<i>Cirsium arvense</i>)	Perennial sowthistle (<i>sonchus arvensis</i>)
Dodder (<i>Cuscuta</i> spp.)	Quackgrass (<i>agropyron repens</i>)
Horse nettle (<i>Solanum carolinense</i>)	Russian knapweed (<i>Centaurea</i> spp.)
White top (<i>Cardaria</i> spp.)	

*** Seeds of certain other objectionable weeds may be designated by the certifying agency as prohibited, while others may be limited to the maximum amount.

