

SOYBEANS

I. Classes of Seed Eligible for Certification

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

For varieties eligible for certification, see page 3 of the General Certification Standards.

II. Land History Requirements

- A. Soybeans shall be grown on land where the immediate previous crop was:
 - 1. Of another kind, or
 - 2. Planted with a class of certified seed of the same variety, or
 - 3. Planted with a variety having a contrasting pubescence color.

Soybeans which are double-cropped after small grain are eligible for certification, regardless of the soybean variety planted the previous crop year.

B. In fields that are conventionally tilled (not double-cropped) and follow soybeans planted in the immediate previous crop year, only a soybean variety of contrasting pubescence color will be eligible for certification.

III. Field Standards

A. **Field Inspections**

- 1. Foundation seed fields shall be inspected at the time of flower blossom and leaf fall to check for varietal mixtures.
- 2. Registered and certified seed fields shall be inspected at least once either at the time of flower blossom or leaf fall to check for varietal mixtures.
- 3. Fields containing noxious weeds, or other weeds which produce seed that cannot readily be separated from soybean seed, or seed-borne diseases can be cause for field rejections if severe enough.
- 4. If a field is harvested before field inspection, the it automatically becomes ineligible for certification.
- 5. Herbicide resistant varieties will be inspected at the appropriated time or interval to evaluate herbicide resistance.

B. Isolation - Soybean fields inspected for certification shall be separated by a strip at least 5 feet in width from any other soybeans planted in rows or within 30 feet of fields broadcast planted.

C. Specific Requirements

<u>Factor</u>	<u>Maximum Permitted</u>		
	<u>Foundation</u>	<u>Registered</u>	<u>Certified</u>
Other Varieties and Off-types*	0.05% (1/2000)	0.10% (1/1000)	0.20% (1/500)
Corn or Sunflower Plants Bearing Seed	None	None	None
Black Nightshade	5 plants/acre	5 plants/acre	5 plants/acre
Balloonvine	None	None	None

* Other varieties shall be considered to include off-type plants and plants that can be differentiated from the variety that is being inspected.

IV. Seed Standards

<u>Factor</u>	<u>Class of Seed</u>		
	<u>Foundation</u>	<u>Registered</u>	<u>Certified</u>
Pure Seed (minimum)	98.00%	98.00%	98.00%
Inert Matter (maximum)	2.00%	2.00%	2.00%
Total Other Crop Seed (maximum)	.20%	.30%	.60%
Other Varieties (maximum) */ **	.10%	.20%	.50%
Black/Brown Haybeans (maximum)	None	None	None
Corn/Sunflower Seed (maximum)	None	None	None
Total Weed Seed (maximum) ***	0.05%	0.05%	0.05%
Noxious Weed Seed (maximum)	None	None	None
Purple Moonflower, Cocklebur and Balloonvine (maximum)	None	None	None
Morning-glory	None	None	None
Black Nightshade and Ground Cherry (maximum)	None	None	None
Germination (minimum)	80.00%	80.00%	80.00%

* Other varieties shall be considered to include off-type seeds that can be differentiated from the variety that is being analyzed. Off-colored seed due to environmental factors shall not be considered other varieties.

** An untreated sample must be submitted for genetic purity evaluation.

*** Total weed seed content shall not exceed 10 seeds per pound.

B. Herbicide Resistance Testing – A sample of conditioned seed must be tested for herbicide resistance prior to the issuance of certification tags for herbicide resistant varieties.