

SOYBEAN SEED CERTIFICATION STANDARDS (1988)

I. Application and Amplification of General Certification Standards

- A. The General Seed Certification Standards, as adopted by the association are basic and together with the following specific standards constitute the standards for certification of Soybean Seed.
- B. Classes and Sources of Certified Seed

The certification of seed will be limited to a maximum of two (2) generations from foundation seed except varieties for which no foundation seed is maintained. The two generations of seed shall be registered (purple tag) and certified (blue tag).

II. Land Requirements

The crop shall not be grown on land on which soybeans or cowpeas were grown the previous year, except a crop of soybeans may have been grown from certified seed of the same variety or of a variety with a different hilum or pubescence color than the inspected variety or the previous crop was a different kind. For example, small grain in a double crop production system.

III. Field Inspections

- A. Handling the crop prior to inspection

Off-type soybean plants or other disqualifying plants bearing seed that are rogued from the inspected crop must be removed from the field.
- B. Time of Inspection

A field inspection shall be made each year by an inspector of the certifying agency, preferably after the leaves have dropped, when varietal identity can be determined.

IV. Field Standards

- A. General Requirements
 - 1. Unit of Certification

The unit of certification shall be a field, but a portion of a field may be approved for certification provided the remainder is harvested separately and the seed eliminated for certification.

2. Isolation Requirements

Isolation necessary on soybeans is five (5) feet.

B. Specific Requirements

<u>Factor</u>	<u>Maximum permitted in each class (plants/thousand)</u>		
	<u>Foundation</u>	<u>Registered</u>	<u>Certified</u>
*Other Varieties Peas, corn and/or Sunflower	1 : 17,500	1 : 9,000	1 : 3,500
Plant Bearing Seed	None	None	None
**Objectionable Weeds	None	None	None

*Other Varieties shall be considered to include plants that can be differentiated from the variety that is being inspected.

**Objectionable weeds shall include all serious weeds, seed of which cannot be readily separated from soybeans.

V. Seed Standards

<u>Factor</u>	<u>Standards permitted in each class</u>		
	<u>Foundation</u>	<u>Registered</u>	<u>Certified</u>
Pure Seed (Min.)	98.0%	98.0%	98.0%
Inert Matter (Max.)	2.0%	2.0%	2.0%
*Other Varieties (Max.)	0.1%	0.2%	0.5%
**Other Crops (Max.)	None	None	1 per lb.
Moisture (Max.)	14.0%	14.0%	14.0%
Weed Seed (Max.)	2 / lb.	5 / lb.	10 / lb.
***Objectionable Weeds (Max.)	None	None	None
Noxious Weeds	None	None	None
Germination (Min.)	70.0%	80.0%	80.0%

* Off-colored beans due to environmental factors shall not be considered other varieties.

** Crotalaria or Peas – None. Corn or Sunflower (max) 1 per lb. (Certified class only)

*** Objectionable Weeds – Coffee Weed (Cassia tora L.) and Morning Glory

INSTRUCTIONS AND PROCEDURES

1. Seedhouse or Bin Inspection of Seed:

Seed should be so handled as to prevent mixture and maintain identity.

2. Maximum number of bags per lot: 750 – 60 lb. bags or 900 – 50 lb. bags.
3. Spiral separators are strongly recommended when conditioning soybeans.
4. Carry-over soybeans – No new tags will be issued on carry-over soybean seed unless they have been in cold storage with proof and germination test not earlier than March 1st.