

SOUTHERN PEA CERTIFICATION STANDARDS (1988)

(The name *Southern Pea* is used to designate the edible varieties of cowpeas.)

I. Application and Amplification of General Certification Standards

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 Southern Peas.

II. Land Requirements

A crop of peas will not be eligible for inspection if planted on land which peas have been grown during either of the two preceding years, unless the preceding pea crop was grown from Foundation, Registered or Certified Seed of the same variety. A field which includes an area where peas were threshed or where thresher refuse was spread during either of the two preceding seasons shall not be eligible for certification.

III. Inspections

A. Field Inspections

A field inspection is to be made when the plants are in full flower, and a second when pods are sufficiently developed to indicate varietal characteristics.

B. Harvesting and Curing Inspections

Inspections will be made during the period of harvesting to determine varietal mixtures.

C. Conditioning, Warehousing, Packaging, and Storage Instructions

The conditioning, warehousing packaging, and tagging of seed containers will be made under the supervision of the Georgia Crop Improvement Association Inspector, who will have access at all times to the warehouses or storage places for performing his official duties.

IV. Field Standards

A. General Requirements

1. Isolation

A field strip 15 feet is adequate isolation for the purpose of cross-pollination. No field separation necessary for mosaic scab control.

2. Roguing

The constant roguing of chance crop mixtures, weeds, and noxious weed plants must be practiced throughout the season in fields ruled eligible for inspection. Crops suffering from poor cultural practices, lack of moisture, or general neglect may be rejected at the discretion of the inspector.

3. 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.

B. Specific Requirements

<u>Factor</u>	<u>Maximum permitted in each class</u>		
	<u>Foundation</u>	<u>Registered</u>	<u>Certified</u>
*Other Varieties	0.05%	0.1%	0.2%
Other Crops (Inseparable)	None	0.02%	0.10%
Objectionable Weeds	None	None	None
** Mosaic	(Information below applies to all three classes)		

*Other Varieties shall include off-type plants and plants the seeds of which can be identified and separated in harvesting and curing.

- **1. Cowpea chlorotic mottle virus – no standard is required.
- 2. Cucumber mosaic virus – no standard is required if a thorough inspection is made for other viruses and none found.
- 3. Southern bean mosaic virus – Field should have fewer than 5% if the plants infected.
- 4. Blackeye cowpea mosaic virus – Field should have fewer than 5% of the plants infected.
- 5. Mixture of cucumber mosaic and blackeye mosaic viruses – Fields with both viruses should be accepted only if less than 0.5% of the plants are infected.

V. **Seed Standards**

<u>Factor</u>	<u>Standards for 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.)	.05%	.10%	.20%
Other Crops (Max.)	None	.05%	.10%
*Noxious Weeds	None	None	None
Total Weed Seed (Max.)	.10%	None	.10%
Mosaic	2.0%	3.0%	4.0%
Scab <u>1/</u>	None	None	None
Weevil damage (Max.)	4.0%	4.0%	4.0%
Germination (Min.)	80.0%	80.0%	80.0%

*Noxious Weeds as designated by Georgia Seed Law

1/ Scab – based on a Field Inspection