

# PEANUTS

## Specific Certification Standards

### I. EXPLANATION OF GENERAL STANDARDS AS APPLIED TO PEANUTS

- A. The General Seed Certification Standards as adopted are basic and together with the following specific standards constitute the standards for certification of peanut seed.
- B. The General Standards are further defined as follows to apply specifically to peanuts:
  1. Section IX. Classes and sources of certified seed
    - a. Breeder seed shall be seed obtained by methods acceptable to the breeder and the Association. It shall be produced by the original breeder or his legal successors and shall be used for the initial and recurring seed increases of foundation seed.
    - b. Foundation seed shall be seed obtained from the increase of breeder or foundation seed produced by the North Carolina Foundation Seed Producers, Inc., or by the sponsoring agency.
    - c. Registered seed shall be the progeny of breeder or foundation seed.
    - d. Certified seed shall be the progeny of breeder, foundation or registered seed.
  2. Section XI. Handling of crop prior to inspection  
Off-type peanut plants or other objectionable plants, such as stunt and peanut stripe virus infected plants, should be removed from the field.

### II. LAND REQUIREMENTS

A crop of peanuts will not be eligible for certification if planted on land which grew peanuts either of the previous two (2) years unless the preceding peanut crop was grown from certified seed of the same variety.

### III. FIELD INSPECTIONS

One field inspection shall be made during the growing season at a time when variety purity can best be determined unless as noted in IV.A.2.

### IV. FIELD STANDARDS

- A. General requirements
  1. Unit of certification  
Unit of certification shall be a field, or a portion of a field, separated by a 10-foot strip devoid of peanuts or a minimum of one row of some other crop.
  2. Isolation  
Isolation shall consist of a physical barrier such as a ditch, roadway, fencerow or a 10-foot strip devoid of peanuts or a row of some other crop. If two or more varieties are planted in the same field then the field must be inspected a second time to ensure that the adjacent four border rows are not harvested until after this second inspection. A flag must be placed outside the normal operating area of the field to delineate the boundary between the two varieties. A field with two different classes of seed of the same variety planted adjacent to each other must be harvested so that the four border rows of the higher class are placed in the trailer of the lower class of seed.

B. Specific requirements

Factor	Found.	Regis.	Cert.
Other varieties and off-types (max.) .....	0.02%	0.2%	0.5%
Weeds <sup>1</sup> (max.) .....	_____	_____	_____
Stunt and stripe virus (max.) .....	None	None	None <sup>2</sup>

<sup>1</sup> If severe will cause rejection.

<sup>2</sup> Infected plants may be rogued or leave an isolation strip of 100 feet.

V. SEED STANDARDS

A. Sample size (shelled) - two (2) pounds representing the entire seed lot.

B. Certified seed peanuts cannot be stored in the same building with other peanuts unless they are properly identified. If stored in bags, printed colored identification tags may be used (order from the Association office).

C. The following seed standards must be met:

1. Conditioned seed standards

Factor	Found.	Regis.	Cert.-1	Cert.-2
Pure seed (min.) .....	-----	98%	98%	95%
Inert matter (max.) .....	-----	2%	2%	5%
Weed seed <sup>1</sup> (max.) .....	0.01%	0.01%	0.01%	0.01%
Restricted nox.weeds <sup>2</sup> (max.) .....	None	None	None	1/lb.
Other crop seed (max.) .....				
Other kinds <sup>3</sup> .....	None	0.01%	0.02%	0.02%
Other varieties and off-type .....	0.04%	0.2%	0.5%	0.5%
Germination (min.) .....	----- <sup>4</sup>	80% <sup>5</sup>	80%	70%
Bottom screen size (min.) .....	15/64"	15/64"	15/64"	15/64"

<sup>1</sup> Shall not exceed 5 per pound.

<sup>2</sup> "Noxious Weed List," Rules, Regulations, Definitions and Standards of the N.C. Department of Agriculture. (See Certification Handbook, General Seed Certification Standards, Section XII. "Contaminating Crops and Weeds")

<sup>3</sup> Not to exceed 2 per pound for Registered and 3 per pound for Certified.

<sup>4</sup> Seed offered for public sale must germinate 80%.

<sup>5</sup> Registered seed may germinate below 80% if it is to be used as a source of seed for recertification. Seed may be labeled with a registered tag that has been stamped "for certified seed production only – not for sale."

2. Seed treatment

All seed offered for sale must be properly treated with a fungicide applied at the labeled rate.

3. Peanut seed cannot be carried over a year and sold as certified seed.