



Product Specification for SPLIT PEAS

Definitions:

For the purposes of these standards the following terms shall have the meaning stated below.

Bleached Split Peas-

Split peas of green-colored varieties which are bleached distinctly yellow in color or Split peas of yellow-colored varieties which are bleached distinctly green in color.

Classes-

The following two classes:

1. **Green Split Peas-** Split peas from the garden varieties which have green-colored cotyledons.
2. **Yellow Split Peas-** Split peas from the garden varieties which have yellow-colored cotyledons.

Contrasting Classes-

Split peas which are of a color contrasting with the predominating class of split peas. Bleached split peas of the predominating class shall not be considered as contrasting split peas.

Damaged Split Peas-

Split peas which are distinctly damaged by frost, weather, disease, heat (other than to a material extent), or other causes (except weevil or material heat damage), or are distinctly soiled or stained by nightshade, dirt, or toxic material.

Defective Split Peas-

The categories of defective split peas shall be weevil-damaged split peas, heat-damaged split peas, damaged split peas, contrasting split peas, whole peas, white caps, and bleached split peas.

Fair Color Split Peas-

Split peas that in mass are off color from the characteristic color of the predominating class as a result of age or any other cause.

Foreign Material-

All matter which will pass readily through a 2/64 round-hole sieve and all matter other than split peas which remains on the sieve. (Foreign material shall include detached seedcoats and pieces of detached seedcoats.)

Good Color Split Peas-

Split peas that in mass is practically free from discoloration and have the natural color and appearance characteristic of the predominating class.

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Heat Damaged Split Peas-

Split Peas which have been materially discolored and damaged by heat.

Poor Color Split Pea-

Split peas that in mass are distinctly off color from the characteristic color of the predominance class as a result of age or any other cause.

Weevil-Damaged Split Peas-

Split Peas which are distinctly damaged by the pea weevil or other insects.

White Caps-

Split peas with seedcoat attached.

Whole Peas-

Dry peas which are not split.

Sieves:

6/64 round-hole sieve-

A 6/64 round-hole sieve shall be a metal sieve 0.0319 inch thick, perforated with round holes 0.0938 (6/64) inch in diameter which are 0.1562 (5/32) inch from center to center. (The perforations of each row shall be staggered in relation to the adjacent rows).

8/64 Round-Hole Sieve-

An 8/64 round-hole sieve shall be a metal sieve 0.0319 inch thick, perforated with round holes 0.1250 (8/64) inch in diameter which are 0.1875 (3/16) inch from center to center. (The perforations of each row shall be staggered in relation to the adjacent rows).

10/64 Round-Hole Sieve-

A 10/64 round-hole sieve shall be a metal sieve 0.0319 inch thick, perforated with round holes 0.1562 (10/64) inch in diameter which are 0.2187 (7/32) inch from center to center. (The perforations of each row shall be staggered in relation to the adjacent rows).

12/64 Round-Hole Sieve-

A 12/64 round-hole sieve shall be a metal sieve 0.0319 inch thick, perforated with round holes 0.1875 (12/64) inch in diameter which are 0.250 inch from center to center. (The perforations of each row shall be staggered in relation to the adjacent rows).

Application of Standards

Basis of Determination

1. All factor determinations shall be made on the basis of the split peas as sampled.
2. Defects in split peas shall be scored in accordance with the order shown in the definition list. Once an individual pea is scored in a defective category, it shall not be scored for any other

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defect but it shall remain as a part of the sample for purposes of determining the percentages of other defects in the sample.

REFERENCES:

THE FOLLOWING PUBLICATIONS ARE REFERENCED IN THESE STANDARD AND COPIES WILL BE MADE AVAILABLE UPON REQUEST TO THE FEDERAL GRAIN INSPECTION SERVICE, U.S. DEPARTMENT OF AGRICULTURE.

- A. MOISTURE HANDBOOK, U.S. DEPARTMENT OF AGRICULTURE, FEDERAL GRAIN INSPECTION SERVICE.
- B. PEA AND LENTIL HANDBOOK, U.S. DEPARTMENT OF AGRICULTURE, FEDERAL GRAIN INSPECTION SERVICE.
- C. UNITED STATES STANDARDS FOR WHOLE DRY PEAS, SPLIT PEAS AND LENTILS HANDBOOK.

All Split Peas shipped will be US#1 unless otherwise requested by the customer. US#1 Specifications are as follows.

Not more than 3.0% shall pass through a 10/64 round-hole sieve.
Not more than 0.5% shall pass through an 8/64 round-hole sieve.
Not more than 0.1% shall pass through a 6/64 round-hole sieve.
Not more than 13% moisture.

Weevil Damaged Peas:	Not more than 0.5%
Heat Damaged Split peas:	Not more than 0.2%
Damaged Split Peas:	Not more than 1.0%
Contrasting split peas:	Not more than 0.3%
Whole Peas:	Not more than 0.5%
White Caps:	Not more than 1.0%
Bleached Peas:	Not more than 1.5%
Foreign Material:	Not more than 0.1%

Split Peas shall be good color.

- * **Shelf life- 24 months**
- * **Manufacture Code- PACKED DATE**
- * **Storage- DRY**
- * **Product is dated by PRODUCTION DATE**

SPLIT PEAS

GRADES, GRADE REQUIREMENTS, AND GRADE DESIGNATIONS

Grading Factors	Maximum percent limits of: Grades U.S.		
	U.S.# 1	U.S.# 2	U.S.# 3
Split peas Passing Through-			
10/64-inch Round-Hole Sieve	3.0	15.0	25.0
8/64-inch Round- Hole Sieve	0.5	3.0	5.0
6/64-inch Round- Hole	0.1	0.2	0.3
Defective Peas			
Weevil-Damaged Split Peas	0.5	1.0	1.5
Heat Damaged Split Peas	0.2	0.5	1.0
Damaged Split Peas	1.0	1.5	2.0
Contrasting Split Peas			
In Green & Yellow Split Peas Only	0.3	0.8	1.5
Whole Peas	0.5	1.0	2.0
White Caps			
In Green & Yellow Split Peas Only	1.0	2.0	3.0
Bleached Peas in Green & Yellow Only	1.5	3.0	5.0
Foreign Material	0.1	0.2	0.5
Minimum Requirements for Color	GOOD	FAIR	POOR