

Agricultural Marketing Service, USDA

§51.1546

§51.1543 U.S. No. 2.

“U.S. No. 2” consists of potatoes which meet the following requirements:

- (a) Similar varietal characteristics;
- (b) Not seriously misshapen;
- (c) Free from:
 - (1) Freezing;
 - (2) Blackheart;
 - (3) Late blight, southern bacterial wilt and ring rot; and,
 - (4) Soft rot and wet breakdown.
- (d) Free from serious damage by any other cause. See §§51.1564 and 51.1565.
- (e) Size. Not less than 1½ inches in diameter, unless otherwise specified in connection with the grade.
- (f) For tolerances see §51.1546.

UNCLASSIFIED

§51.1544 Unclassified.

“Unclassified” consists of potatoes which have not been classified in accordance with any of the foregoing grades. The term “unclassified” is not a grade within the meaning of these standards but is provided as a designation to show that no grade has been applied to the lot.

SIZE

§51.1545 Size.

(a) The minimum size, or minimum and maximum sizes may be specified in connection with the grade in terms of diameter or weight of the individual potato, or in accordance with one of the size designations in Table I or Table II: *Provided*, That sizes so specified shall not be in conflict with the basic size requirements for the grade.

(b) When size is designated as shown in Table II, the corresponding weight ranges shall apply. These size designations may be applied to potatoes packed in any size container: *Provided*, that the weight ranges are within the limits specified.

TABLE I

Size designation	Minimum diameter ¹ or weight		Maximum diameter ¹ or weight	
	Inches	Ounces	Inches	Ounces
Size A ²	1⅞	(³)	(³)	(³)
Size B	1½	(³)	2¼	(³)
Small	1¾	(³)	2½	6

TABLE I—Continued

Size designation	Minimum diameter ¹ or weight		Maximum diameter ¹ or weight	
	Inches	Ounces	Inches	Ounces
Medium	2¼	5	3¼	10
Large	3	10	4¼	16

¹ Diameter means the greatest dimension at right angles to the longitudinal axis, without regard to the position of the stem end.

² In addition to the minimum size specified, a lot of potatoes designated as Size A shall contain at least 40 percent of potatoes which are 2½ inches in diameter or larger or 6 ounces in weight or larger.

³ No requirement.

TABLE II

[Ounces]

Size designation	Minimum weight	Maximum weight
Under 50	15
50	12	19
60	10	16
70	9	15
80	8	13
90	7	12
100	6	10
110	5	9
120	4	8
130	4	8
140	4	8
Over 140	4	8

[35 FR 18258, Dec. 1, 1970, as amended at 37 FR 2745, Feb. 5, 1972. Redesignated at 42 FR 32514, June 27, 1977, and further redesignated at 46 FR 63203, Dec. 31, 1981; amended at 56 FR 7553, Feb. 25, 1991]

TOLERANCES

§51.1546 Tolerances.

To allow for variations incident to proper grading and handling in each of the foregoing grades, the following tolerances by weight or equivalent basis, are provided as specified.

(a) *For defects*—(1) *U.S. Extra No. 1*. A total of 5 percent for potatoes in any lot which fail to meet the requirements for the grade: *Provided*, That not more than two-fifths of this tolerance, or 2 percent, shall be allowed for potatoes which are affected by freezing, southern bacterial wilt, ring rot, late blight, soft rot or wet breakdown, including therein not more than one-half of 1 percent for potatoes which are frozen or affected by soft rot or wet breakdown. See §51.1547.

(2) *U.S. No. 1*. A total of 8 percent for potatoes in any lot which fail to meet

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the requirements for the grade: *Provided*, That included in this tolerance not more than the following percentages shall be allowed for the defects listed:

- (i) 5 percent for external defects;
- (ii) 5 percent for internal defects; or,
- (iii) 3 percent for potatoes which are affected by freezing, southern bacterial wilt, ring rot, late blight, soft rot or wet breakdown, including therein not more than 1 percent for potatoes which are frozen or affected by soft rot or wet breakdown. See §51.1547.

(3) *U.S. Commercial*. A total of 20 percent for potatoes in any lot which fail to meet the requirements for the grade: *Provided*, That included in this tolerance not more than the following percentages shall be allowed for the defects listed:

- (i) 10 percent for potatoes which fail to meet the requirements for U.S. No. 2 grade, including therein not more than:
 - (ii) 6 percent for external defects;
 - (iii) 6 percent for internal defects; or,
 - (iv) 3 percent for potatoes which are affected by freezing, southern bacterial wilt, ring rot, late blight, soft rot or wet breakdown, including therein not more than 1 percent for potatoes which are frozen or affected by soft rot or wet breakdown. See §51.1547.

(4) *U.S. No. 2*. A total of 10 percent for potatoes in any lot which fail to meet the requirements for the grade: *Provided*, That included in this tolerance not more than the following percentages shall be allowed for the defects listed:

- (i) 6 percent for external defects;
- (ii) 6 percent for internal defects; or,
- (iii) 3 percent for potatoes which are affected by freezing, southern bacterial wilt, ring rot, late blight, soft rot or wet breakdown, including therein not more than 1 percent for potatoes which are frozen or affected by soft rot or wet breakdown. See §51.1547.

(b) *For off-size*. (1) Not more than 3 percent of the potatoes in any lot may be smaller than the required or specified minimum size except that a tolerance of 5 percent shall be allowed for potatoes packed to meet a minimum size of 2¼ inches or larger in diameter or 5 ounces or more in weight. In addition, not more than 10 percent may be

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larger than any required or specified maximum size. See §51.1547.

(2) When a percentage of the potatoes is specified to be of a certain size and larger, individual samples shall have not less than one-half of the percentage specified: *Provided*, That the average for the entire lot is not less than the percentage specified.

[35 FR 18258, Dec. 1, 1970. Redesignated at 42 FR 32514, June 27, 1977, and further redesignated at 46 FR 63203, Dec. 31, 1981; amended at 56 FR 7553, Feb. 25, 1991]

APPLICATION OF TOLERANCES

§51.1547 Application of tolerances.

Individual samples shall have not more than double the tolerances specified, except that at least one defective and one off-size potato may be permitted in any sample: *Provided*, That en route or at destination one-tenth of the samples may contain three times the tolerance permitted for potatoes which are frozen or affected by soft rot or wet breakdown: *And provided further*, That the averages for the entire lot are within the tolerances specified for the grade.

SAMPLES FOR GRADE AND SIZE DETERMINATION

§51.1548 Samples for grade and size determination.

Individual samples shall consist of at least 20 pounds. When individual packages contain at least 20 pounds, each individual sample is drawn from one package; when packages contain less than 20 pounds, a sufficient number of adjoining packages are opened to provide at least a 20-pound sample. The number of such individual samples drawn for grade and size determination will vary with the size of the lot.

SKINNING

§51.1549 Skinning.

(a) The following definitions provide a basis for describing lots of potatoes as to the degree of skinning whenever description may be appropriate:

(1) "Practically no skinning" means that not more than 5 percent of the potatoes in the lot have more than one-tenth of the skin missing or "feathered";