

Inches	Millimeters (mm)
4	101.6

Subpart—United States Standards for Grades of Potatoes for Processing¹

SOURCE: 48 FR 10802, Mar. 15, 1983, unless otherwise noted.

§51.3410 Grades.

(a) “U.S. No. 1 Processing” consists of potatoes which meet the following requirements:

- (1) Basic requirements:
 - (i) Similar varietal characteristics;
 - (ii) Moderately firm; and,
 - (iii) Fairly well shaped.
- (2) Free from:
 - (i) Freezing or freezing injury;
 - (ii) Blackheart;
 - (iii) Late Blight Tuber Rot;
 - (iv) Southern Bacterial Wilt;
 - (v) Bacterial Ring Rot;
 - (vi) Insects, worms or larvae;
 - (vii) Soft rot and wet breakdown; and,
 - (viii) Loose sprouts, dirt and foreign material.

- (3) Free from damage by any cause.
- (4) *Size.* Unless otherwise specified, individual potatoes shall be not less than 2 inches in diameter or 4 ounces in weight. Percentage(s) of a larger size(s) and/or a maximum size may be specified.

(b) “U.S. No. 2 Processing” consists of potatoes or usable pieces of potatoes which meet the following requirements:

- (1) Basic requirements:
 - (i) Similar varietal characteristics;
 - (ii) Moderately firm; and,
 - (iii) Not seriously misshapen.
- (2) Free from:
 - (i) Freezing or freezing injury;
 - (ii) Blackheart;
 - (iii) Late Blight Tuber Rot;
 - (iv) Southern Bacterial Wilt;
 - (v) Bacterial Ring Rot;
 - (vi) Insects, worms or larvae;

¹Compliance with the provisions of these standards shall not excuse failure to comply with provisions of applicable Federal or State laws.

(vii) Soft rot and wet breakdown; and,

(viii) Loose sprouts, dirt and foreign material.

(3) Free from serious damage by any cause.

(4) *Size.* Unless otherwise specified, whole potatoes shall be not less than 1½ inches in diameter, or usable pieces shall be not less than 4 ounces in weight. Percentage(s) of a larger size(s) and/or maximum size may be specified.

§51.3411 Usable piece.

“Usable Piece” means that portion of the potato remaining after trimming, or as it occurs in the sample:

- (a) Not have any unusable material;
- (b) Unless otherwise specified, weigh at least 4 ounces; and,
- (c) Must have at least 50% of peel remaining after trimming.

§51.3412 Unusable material.

“Unusable Material” consists of defective portions of potatoes, and potatoes which are frozen, affected by freezing injury, soft rot, wet breakdown, insects, worms, larvae, Blackheart, Late Blight Tuber Rot, Southern Bacterial Wilt, Bacterial Ring Rot, or which are seriously damaged by internal defects.

§51.3413 Size.

(a) The minimum size, maximum size or range in size may be specified in connection with the grade in terms of diameter or weight.

(b) Diameter means the greatest dimension in terms of inches or fractions of an inch measured at right angles to the longitudinal axis, without regard to the position of the stem-end.

(c) Weight means the minimum or maximum weight measured in terms of whole ounces. When a maximum weight is specified, the potato shall not be considered as oversize until it weighs the next higher ounce.

§51.3414 Application of standards.

In the application of these standards to determine the percentages of potatoes in any lot which meet the requirements of the respective grades or size categories, tolerances do not apply. However, for lots which are graded or pre-sorted for size or quality, offered for inspection and required to meet one