

the aggregate area exceeds three-fourths inch in diameter.<sup>2</sup>

(2) On all varieties, thick russetting such as is characteristic of frost injury, 15 percent of the surface.

(3) On Anjou, smooth solid or smooth netlike russetting when the aggregate area exceeds two-thirds of the surface, except that, in addition, any amount of characteristic smooth russetting shall be permitted on that portion of the calyx end not visible for more than one-half inch along the contour of the pear, when it is placed calyx end down on a flat surface. On Flemish Beauty smooth russetting shall be permitted on the entire surface.

(b) Any one of the following defects or combination thereof, the seriousness of which exceeds the maximum allowed for any one defect, shall be considered as serious damage:

(1) Limbrubs which are more than slightly cracked, or excessively rough limbrubs or dark brown or black discoloration caused by limbrubs which exceeds an aggregate area of three-fourths inch in diameter.<sup>2</sup>

(2) Other limbrubs which affect an aggregate area of more than one-tenth of the surface.

(3) Hail marks or other similar depressions or scars which affect an aggregate area of more than three-fourths inch in diameter, or which materially deform or disfigure the fruit.<sup>2</sup>

(4) Cork spot when more than two in number are visible externally or when the flesh is seriously affected.

(5) Drought spot when more than two in number, or where the external injury affects an aggregate area of more than three-fourths inch in diameter, or when the appearance of the flesh is seriously affected by corky tissue or brownish discoloration.<sup>2</sup>

(6) Sunburn or sprayburn where the skin is blistered, cracked or shows any brownish color, or where the shape of the pear is materially flattened, or the flesh is softened or materially changed in color, except that sprayburn of a russet character shall be considered under the definition of russetting.

(7) Insects: (i) Worm holes. More than three healed codling moth stings, of which not more than two may be over three thirty-seconds of an inch in di-

ameter, or other insect stings affecting the appearance to an equal extent.<sup>2</sup>

(ii) Blister mite or canker worm injury which affects an aggregate area of more than three-fourths inch in diameter or which materially deforms or disfigures the fruit.<sup>2</sup>

(8) Disease: (i) Scab spots which are black, and which cover an aggregate area of more than one-half inch in diameter, except that scab spots of a russet character shall be considered under the definition of russetting.<sup>2</sup>

(ii) Sooty blotch which is thinly scattered over more than 15 percent of the surface, or dark heavily concentrated spots which affect an area of more than three-fourths inch in diameter.<sup>2</sup>

### **Subpart—United States Standards for Pears for Canning**

SOURCE: 35 FR 6957, May 1, 1970, unless otherwise noted. Redesignated at 42 FR 32514, June 27, 1977, and further redesignated at 46 FR 63203, Dec. 31, 1981.

#### **GENERAL**

##### **§ 51.1345 General.**

All percentages shall be calculated on the basis of weight.

#### **GRADES**

##### **§ 51.1346 U.S. No. 1.**

“U.S. No. 1” consists of pears of one variety which are mature, handpicked, firm, well formed, free from scald, hard end, black end, internal breakdown, decay, worms and worm holes, and from damage caused by broken skins, limbrubs, sprayburn, sunburn, scab, russetting, bruises, hail, frost, drought spot, disease, insects, mechanical or other means. Unless otherwise specified, the pears shall not be further advanced than yellowish green. Tree-ripened pears and pears grown from late blooms shall not be considered as meeting the requirements of this grade. (See §§ 51.1349 and 51.1350.)

##### **§ 51.1347 U.S. No. 2.**

“U.S. No. 2” consists of pears of one variety which are mature, handpicked, firm, not seriously deformed, free from scald, hard end, black end, internal breakdown, decay, worms and worm