

or smooth netlike russetting when the aggregate area exceeds one-third of the surface, except that, in addition, on these and similar varieties, 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.<sup>2</sup>

(4) On any of the following and other similar varieties, rough or thick russetting such as is characteristic of frost injury when the aggregate area exceeds one-half inch in diameter.<sup>2</sup> On any of these varieties any amount of characteristic russetting is permitted whether due to natural causes such as weather or stimulated by artificial means; leaf whips or light limbrubs which resemble and blend into russeted areas shall be considered as russet:

Bosc, Clairgeau, Easter Beurre, Flemish Beauty, Kieffer, P. Barry, Pound, Seckel, Sheldon, Winter Nelis, and other similar varieties.

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

(1) Limbrubs which are cracked, softened, more than very slightly depressed, not light in color, or exceeding an aggregate area of three-fourths inch in diameter.<sup>2</sup>

(2) Hail marks or other similar depressions or scars which are not very shallow or superficial, or which affect an aggregate area of more than one-fourth inch in diameter.<sup>2</sup>

(3) Cork spot when a pear shows depressions or the flesh of the pear is more than slightly affected.

(4) Sunburn or sprayburn if the normal color of the fruit has been materially changed, or if the skin is blistered or cracked, or the flesh softened or discolored.

(5) More than two healed slight stings or depressions, or any stings which materially affect the general appearance of the fruit.

(6) Blister mite or canker worm injury which is not very shallow and superficial or where the injury affects an aggregate area of more than one-fourth inch.<sup>2</sup>

#### § 51.1320 Fairly well formed.

*Fairly well formed* means that the pear may be slightly abnormal in shape but not to an extent which detracts materially from the appearance of the fruit. Winter Nelis pears with characteristic slight sutures or with slight flattening on one side and/or other slight irregularities which do not materially detract from the general appearance of the pear shall be considered fairly well formed.

#### § 51.1321 Damage.

*Damage* means any injury or defect which materially affects the appearance, or the edible or shipping quality.

(a) Hard end shall be considered as damage if the pear shows an abnormally yellow color at the blossom end, or an abnormally smooth rounded base with little or no depression at the calyx, or if the flesh near the calyx is abnormally dry and tough or woody.

(b) Slight handling bruises and package bruises such as are incident to good commercial handling in the preparation of a tight pack shall not be considered damage.

(c) Any pear with one skin break larger than three-sixteenths inch in diameter of depth, or with more than one skin break one-eighth inch or larger in diameter or depth, shall be considered damaged, and scored against the grade tolerance.<sup>2</sup>

(1) Small inconspicuous skin breaks, less than one-eighth inch in diameter or depth, shall not be considered damage. In addition, not more than 15 percent of the pears in any container may have not more than one skin break from one-eighth inch to three-sixteenths inch, inclusive, in diameter or depth.<sup>2</sup>

(d) Russetting which exceeds the following shall be considered as damage:

(1) On all varieties excessively rough russetting (russetting which shows "frogging" or slight cracking) when the aggregate area exceeds one-half inch in diameter.<sup>2</sup>

(2) On Anjou and other smooth-skinned varieties, slightly rough russetting, or thick russetting such as is characteristic of frost injury, when the aggregate area exceeds three-fourths inch in diameter.<sup>2</sup>

§ 51.1322

7 CFR Ch. I (1-1-14 Edition)

(3) On Anjou, smooth solid or smooth netlike russeting when the aggregate area exceeds one-third of the surface, and on other smooth-skinned varieties, 15 percent of the surface, except that, in addition, on Anjou and other smooth-skinned varieties, any amount of characteristic smooth russeting 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.

(4) On any of the following and other similar varieties, rough or thick russeting such as is characteristic of frost injury, when the aggregate area exceeds three-fourths inch in diameter. On any of these varieties any amount of characteristic russeting is permitted whether due to natural causes such as weather or stimulated by artificial means; leaf whips or light limbrubs which resemble and blend into russeted areas shall be considered as russet:

Bosc, Clairgeau, Comice, Easter Beurre, Flemish Beauty, Kieffer, P. Barry, Pound, Seckel, Sheldon, Winter Nelis, and other similar varieties.

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

(1) Any limbrubs which are cracked, softened, or more than slightly depressed.

(2) Black discoloration caused by limbrubs which exceeds an aggregate area of three-eighths inch in diameter.

(3) Dark brown discoloration or excessive roughness caused by limbrubs which exceeds an aggregate area of one-half inch in diameter.

(4) Slightly rough, light colored discoloration caused by limbrubs which exceeds an aggregate area of three-fourths inch in diameter.

(5) Smooth, light colored discoloration caused by limbrubs which exceeds an aggregate area of 1 inch in diameter.<sup>2</sup>

(6) Hail marks or other similar depressions or scars which are not shallow or superficial, or where the injury affects an aggregate area of more than three-eighths inch in diameter.<sup>2</sup>

(7) Cork spot when more than one in number is visible externally or when the flesh is materially affected.

(8) Drought spot when more than one in number, or when the external injury exceeds an aggregate area of three-eighths inch in diameter, or when the appearance of the flesh is materially affected by corky tissue or brownish discoloration.<sup>2</sup>

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

(10) Insects: (i) More than two healed codling moth stings, or any insect sting which is over three thirty-seconds of an inch in diameter, or other insect stings affecting the appearance to an equal extent.<sup>2</sup>

(ii) Blister mite or canker worm injury which is not shallow or superficial, or where the injury affects an aggregate area of more than three-eighths inch in diameter.<sup>2</sup>

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

(ii) Sooty blotch which is thinly scattered over more than 5 percent of the surface, or dark, heavily concentrated spots which affect an area of more than three-eighths inch in diameter.<sup>2</sup>

§ 51.1322 **Seriously misshapen.**

*Seriously misshapen* means that the pear is excessively flattened or elongated for the variety, or is constricted or deformed so it will not cut three fairly uniform good quarters, or is so badly misshapen that the appearance is seriously affected.

§ 51.1323 **Serious damage.**

*Serious damage* means any injury or defect which seriously affects the appearance, or the edible or shipping quality.

(a) Russeting which in the aggregate exceeds the following shall be considered as serious damage:

(1) On all varieties, excessively rough russeting (russeting which shows "frogging" or slight cracking) when