

§ 51.1438

7 CFR Ch. I (1-1-10 Edition)

§ 51.1438 Size classifications for pieces.

The size of pecan pieces in a lot may be specified in accordance with one of the size classifications shown in Table II.

TABLE II

Size classification	Maximum diameter (will pass through round opening of following diameter)	Minimum diameter (will not pass through round opening of following diameter) (inch)
Mammoth pieces ...	No limitation	8/16
Extra large pieces ..	9/16 inch	7/16
Halves and pieces	No limitation	5/16
Large pieces	8/16 inch	5/16
Medium pieces	9/16 inch	3/16
Small pieces	7/16 inch	2/16
Midget pieces	3/16 inch	1/16
Granules	3/16 inch	1/16

(a) In lieu of the size classifications in Table II, the size of pieces in a lot may be specified in terms of minimum diameter, or as a range described in terms of minimum and maximum diameters expressed in sixteenths or sixty-fourths of an inch.

(b) Tolerances for size of pieces: In order to allow for variations incident to proper sizing, tolerances are provided for pieces in a lot which fail to meet the requirements of any size specified. The tolerances, by weight, are shown in Table III.

TABLE III
[Percent]

Size classification	Total tolerance for offsize pieces	Tolerance (included in total tolerance) for pieces smaller than	
		2/16	1/16 inch
Mammoth pieces	15	1	
Extra large pieces	15	1	
Halves and pieces	15	1	
Large pieces	15	1	
Medium pieces	15	2	
Small pieces	15	2	
Midget pieces	15		2
Granules	15		5
Other specified size	15	1	

TOLERANCES FOR DEFECTS

§ 51.1439 Tolerances for defects.

In order to allow for variations incident to proper grading and handling in each of the foregoing grades, the fol-

lowing tolerances, by weight, are provided as specified:

(a) U.S. No. 1 Halves, U.S. No. 1 Halves and Pieces, and U.S. No. 1 Pieces grades:

(1) 0.05 percent for shell, center wall, and foreign material;

(2) 3 percent for portions of kernels which are "dark amber" or darker color, or darker than any specified lighter color classification but which are not otherwise defective; and,

(3) 3 percent for portions of kernels which fail to meet the remaining requirements of the grade, including therein not more than 0.50 percent for defects causing serious damage: *Provided*, That any unused portion of this tolerance may be applied to increase the tolerance for kernels which are "dark amber" or darker color, or darker than any specified lighter color classification.

(b) U.S. Commercial Halves, U.S. Commercial Halves and Pieces, and U.S. Commercial Pieces grades:

(1) 0.15 percent for shell, center wall, and foreign material;

(2) 25 percent for portions of kernels which are "dark amber" or darker color, or darker than any specified lighter color classification, but which are not otherwise defective; and,

(3) 8 percent for portions of kernels which fail to meet the remaining requirements of the grade, including therein not more than 1 percent for defects causing serious damage.

APPLICATION OF STANDARDS

§ 51.1440 Application of standards.

The grade of a lot of shelled pecans shall be determined on the basis of a composite sample drawn at random from containers in various locations in the lot. However, any identifiable container or number of containers in which the pecans are obviously of a quality or size materially different from that in the majority of containers, shall be considered as a separate lot, and shall be sampled and graded separately.

DEFINITIONS

§ 51.1441 Half-kernel.

Half-kernel means one of the separated halves of an entire pecan kernel with not more than one-eighth of its original volume missing, exclusive of the portion which formerly connected the two halves of the kernel.

§ 51.1442 Piece.

Piece means a portion of a kernel which is less than seven-eighths of a half-kernel, but which will not pass through a round opening two-sixteenths inch in diameter.

§ 51.1443 Particles and dust.

Particles and dust means, for all size designations except "midget pieces" and "granules," fragments of kernels which will pass through a round opening two-sixteenths inch in diameter.

§ 51.1444 Well dried.

Well dried means that the portion of kernel is firm and crisp, not pliable or leathery.

§ 51.1445 Fairly well developed.

Fairly well developed means that the kernel has at least a moderate amount of meat in proportion to its width and length. (See Figure 1.)

§ 51.1446 Poorly developed.

Poorly developed means that the kernel has a small amount of meat in proportion to its width and length. (See Figure 1.)

§ 51.1447 Fairly uniform in color.

Fairly uniform in color means that 90 percent or more of the kernels in the lot have skin color within the range of one or two color classifications.

§ 51.1448 Fairly uniform in size.

Fairly uniform in size means that, in a representative sample of 100 halves, the 10 smallest halves weigh not less than one-half as much as the 10 largest halves.

§ 51.1449 Damage.

Damage means any specific defect described in this section; or an equally objectionable variation of any one of

these defects, or any other defect, or any combination of defects, which materially detracts from the appearance or the edible or marketing quality of the individual portion of the kernel or of the lot as a whole. The following defects should be considered as damage:

(a) Adhering material from inside the shell when attached to more than one-fourth of the surface on one side of the half-kernel or piece;

(b) Dust or dirt adhering to the kernel when conspicuous;

(c) Kernel which is not well dried;

(d) Kernel which is "dark amber" or darker color;

(e) Kernel having more than one dark kernel spot, or one dark kernel spot more than one-eighth inch in greatest dimension;

(f) Shriveling when the surface of the kernel is very conspicuously wrinkled;

(g) Internal flesh discoloration of a medium shade of gray or brown extending more than one-fourth the length of the half-kernel or piece, or lesser areas of dark discoloration affecting the appearance to an equal or greater extent; and,

(h) Poorly developed kernel. (See Figure 1.)

§ 51.1450 Serious damage.

Serious damage means any specific defect described in this section; or an equally objectionable variation of any one of these defects, or any other defect, or any combination of defects, which seriously detracts from the appearance or the edible or marketing quality of the individual portion of kernel or of the lot as a whole. The following defects shall be considered as serious damage:

(a) Any plainly visible mold;

(b) Rancidity when the kernel is distinctly rancid to the taste. Staleness of flavor shall not be classed as rancidity;

(c) Decay affecting any portion of the kernel;

(d) Insects, web, or frass or any distinct evidence of insect feeding on the kernel;

(e) Internal discoloration which is dark gray, dark brown, or black and extends more than one-third the length of the half-kernel or piece;

(f) Adhering material from inside the shell when attached to more than one-