

**Agricultural Marketing Service, USDA**

**§ 51.628**

TOLERANCES

**§ 51.628 Tolerances.**

In order to allow for variations incident to proper grading and handling in each of the foregoing grades, based on sample inspection, the number of de-

fective or off-size specimens in the individual sample, and the number of defective or off-size specimens in the lot, shall be within the limitations specified in Tables I and II. No tolerance shall apply to wormy fruit.

TABLE I—SHIPPING POINT 1  
(A) FOR 1 THROUGH 20 SAMPLES

Factor	Grades	AL <sup>2</sup>	Number of 33-count samples <sup>3</sup>																			
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Acceptance numbers (maximum permitted) <sup>4</sup>																						
Decay .....	U.S. Fancy. U.S. No. 1. U.S. Combination. U.S. No. 2.	1	0	0	0	1	<sup>5</sup> 1	2	2	2	2	<sup>5</sup> 2	2	2	3	3	3	<sup>5</sup> 3	3	4	4	4
	U.S. No. 3.	1	0	1	<sup>5</sup> 1	1	2	<sup>2</sup> 2	2	3	3	<sup>3</sup> 3	3	4	4	4	<sup>5</sup> 4	5	5	5	<sup>5</sup> 5	5
Very serious damage including decay.	U.S. Fancy. U.S. No. 1. U.S. Combination. U.S. No. 2.	4	3	5	7	8	10	11	13	14	16	17	18	20	21	23	24	25	27	28	30	32
Total defects including decay and very serious damage.	U.S. Fancy. U.S. No. 1. U.S. No. 2. U.S. No. 3.	5	5	9	12	16	19	22	25	28	31	34	37	40	44	46	49	52	55	58	61	64
	U.S. Combination (U.S. No. 2's permitted).	21	18	33	47	62	76	90	104	119	133	147	161	174	188	202	216	230	244	257	271	285
Off-size .....		7	5	9	12	16	19	22	25	28	31	34	37	40	44	46	49	52	55	58	61	64
Discoloration. ....	U.S. No. 1. U.S. No. 1 Bright. U.S. No. 2. U.S. Combination.	7	5	9	12	16	19	22	25	28	31	34	37	40	44	46	49	52	55	58	61	64
	Acceptance numbers (minimum required) <sup>4</sup>																					
	U.S. No. 1 Bronze. U.S. No. 2 Russet.	0	2	4	8	11	14	18	21	25	28	32	36	39	43	47	50	53	57	61	64	68

§ 51.628

7 CFR Ch. I (1-1-08 Edition)

TABLE I—SHIPPING POINT<sup>1</sup> (CONTINUED)  
(B) FOR 21 THROUGH 40 SAMPLES

Factor	Grades	AL <sup>2</sup>	Number of 33-count samples <sup>3</sup>																			
			21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Acceptance numbers (maximum permitted) <sup>4</sup>																						
Decay .....	U.S. Fancy. U.S. No. 1. U.S. Combination. U.S. No. 2.	1	4	4	<sup>5</sup> 4	4	4	5	5	5	5	5	<sup>5</sup> 5	5	5	6	6	6	6	6	<sup>5</sup> 6	6
	U.S. No. 3.	1	5	6	6	6	<sup>5</sup> 6	6	7	7	7	<sup>5</sup> 7	7	8	8	8	8	<sup>5</sup> 8	9	9	9	9
Very serious damage including decay.	U.S. Fancy. U.S. No. 1. U.S. Combination. U.S. No. 2.	4	32	34	35	36	38	39	40	42	43	44	45	47	48	49	51	52	53	54	56	57
Total defects including decay and very serious damage.	U.S. Fancy. U.S. No. 1. U.S. No. 2. U.S. No. 3.	5	67	70	73	76	79	82	84	87	90	93	96	99	102	105	107	110	113	116	119	122
	U.S. Combination (U.S. No. 2's permitted).	21	298	312	326	339	353	367	380	394	408	421	435	449	462	476	489	503	517	530	544	557
Off-size .....		7	67	70	73	76	79	82	84	87	90	93	96	99	102	105	107	110	113	116	119	122
Discoloration .....	U.S. No. 1. U.S. No. 1 Bright. U.S. No. 2. U.S. Combination.	7	67	70	73	76	79	82	84	87	90	93	96	99	102	105	107	110	113	116	119	122
	Acceptance numbers (minimum required) <sup>4</sup>																					
	U.S. No. 1 Bronze. U.S. No. 2 Russet.	0	72	76	80	84	88	92	96	99	103	107	110	114	118	122	126	130	134	137	141	145

<sup>1</sup> Shipping point, as used in these standards, means the point of origin of the shipment in the production area or at port of loading for ship stores or overseas shipments, or in the case of shipments from outside the continental United States, the port of entry into the United States.

<sup>2</sup> AL—Absolute limit permitted in individual 33-count sample.

<sup>3</sup> Same size 33-count.

<sup>4</sup> Acceptance number—maximum or minimum number of defective or off-size fruit permitted.

<sup>5</sup> Preferred number of samples for this acceptance number.

TABLE II—EN ROUTE OR AT DESTINATION

Factor	Grades	AL <sup>1</sup>	Number of 33-count samples <sup>2</sup>																			
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Acceptance numbers (maximum permitted) <sup>3</sup>																						
Decay .....	All.	3	2	3	4	5	6	7	8	9	10	11	12	13	413	14	15	16	17	18	418	19
Very Serious damage other than decay.	U.S. Fancy. U.S. No. 1. U.S. No. 2. U.S. Combination.	4	3	5	7	8	10	11	13	14	16	17	18	20	21	23	24	25	27	28	30	31
Total defects including very serious damage other than decay.	U.S. Fancy. U.S. No. 1. U.S. No. 2. U.S. No. 3.	5	5	9	12	16	19	22	25	28	31	34	37	40	44	46	49	52	55	58	61	64
	U.S. Combination (U.S. No. 2's permitted).	21	18	33	47	62	76	90	104	119	133	147	161	174	188	202	216	230	244	257	271	28
Off-size .....		7	5	9	12	16	19	22	25	28	31	34	37	40	44	46	49	52	55	58	61	64
Discoloration .....	U.S. No. 1. U.S. No. 1 Bright. U.S. No. 2. U.S. Combination.	7	5	9	12	16	19	22	25	28	31	34	37	40	44	46	49	52	55	58	61	64
	Acceptance numbers (minimum required) <sup>3</sup>																					
	U.S. No. 1 Bronze. U.S. No. 2 Russet.	0	2	4	8	11	14	18	21	25	28	32	36	39	43	47	50	53	57	61	64	68

<sup>1</sup> Absolute limit permitted in individual 33-count sample  
<sup>2</sup> Sample size—33-count  
<sup>3</sup> Acceptance number—maximum or minimum number of defective or off-size fruit permitted  
<sup>4</sup> Preferred number of samples for this acceptance number

SAMPLE FOR GRADE OR SIZE  
DETERMINATION

DEFINITIONS

§ 51.629 **Sample for grade or size determination.**

Each sample shall consist of 33 grapefruit. When individual packages contain at least 33 grapefruit, the sample is drawn from one package; when individual packages contain less than 33 grapefruit, a sufficient number of adjoining packages are opened to form a 33-count sample. When practicable, at point of packaging, the sample may be obtained from the grading belt or bins after sorting has been completed.

STANDARD PACK

§ 51.630 **Standard Pack.**

(a) Fruits shall be fairly uniform in size, unless specified as uniform in size. When packed in approved containers, fruit shall be arranged according to the approved and recognized methods.

(b) "Fairly uniform in size" means that not more than the number of fruit permitted in § 51.628, Tables I and II, are outside the ranges of diameters given in Table III.

TABLE III— $\frac{7}{10}$  BUSHEL CARTON

Pack size/number of grapefruit	Diameter in inches	
	Minimum	Maximum
18 .....	4 <sup>15</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>16</sub>
23 .....	4 <sup>9</sup> / <sub>16</sub>	5
27 .....	4 <sup>7</sup> / <sub>16</sub>	4 <sup>12</sup> / <sub>16</sub>
32 .....	3 <sup>15</sup> / <sub>16</sub>	4 <sup>8</sup> / <sub>16</sub>
36 .....	3 <sup>13</sup> / <sub>16</sub>	4 <sup>5</sup> / <sub>16</sub>
40 .....	3 <sup>11</sup> / <sub>16</sub>	4 <sup>2</sup> / <sub>16</sub>
48 .....	3 <sup>9</sup> / <sub>16</sub>	3 <sup>14</sup> / <sub>16</sub>
56 .....	3 <sup>5</sup> / <sub>16</sub>	3 <sup>10</sup> / <sub>16</sub>

(c) "Uniform in size" means that not more than the number of fruit permitted in § 51.628, Tables I and II, vary more than the following amounts:

(1) 32 size and smaller—not more than six-sixteenths inch in diameter; and

(2) 27 size and larger—not more than nine-sixteenths inch in diameter.

(d) In order to allow for variations, other than sizing, incident to proper packing, not more than 5 percent of the packages in any lot may fail to meet the requirements of standard pack.

[66 FR 48788, Sept. 24, 2001]

§ 51.631 **Mature.**

*Mature* shall have the same meaning currently assigned that term in the laws and regulations of the State in which the grapefruit is grown; or as the definition of such term may hereafter be amended.

§ 51.632 **Similar varietal characteristics.**

*Similar varietal characteristics* means that the fruits in any container are similar in color and shape.

§ 51.633 **Well colored.**

*Well colored* means that the fruit is yellow in color with practically no trace of green color.

§ 51.634 **Firm.**

*Firm* means that the fruit is not soft, or noticeably wilted or flabby, and the skin is not spongy or puffy.

§ 51.635 **Well formed.**

*Well formed* means that the fruit has the shape characteristic of the variety.

§ 51.636 **Smooth texture.**

*Smooth texture* means that the skin is thin and smooth for the variety and size of the fruit.

§ 51.637 **Injury.**

*Injury* means any specific defect described in § 51.652, Table IV; or an equally objectionable variation of any one of these defects, any other defect, or any combination of defects, which slightly detracts from the appearance, or the edible or marketing quality of the fruit.

§ 51.638 **Discoloration.**

*Discoloration* means russetting of light shade of golden brown caused by rust mite or other means. Lighter shades of discoloration caused by smooth or fairly smooth, superficial scars or other means may be allowed on a greater area, or darker shades may be allowed on a lesser area, provided no discoloration caused by speck type melanose or