§ 51.1872  Reasonably well formed.
Reasonably well formed means that the tomato is not decidedly kidney-shaped, lop-sided, elongated, angular, or otherwise decidedly deformed.

§ 51.1873  Slightly rough.
Slightly rough means that the tomato is not decidedly ridged or grooved.

§ 51.1874  Serious damage.
Serious damage means any specific defect described in § 51.1877, table II; or an equally objectionable variation of any one of these defects, any other defect, or any combination of defects, which seriously detracts from the appearance, or the edible or marketing quality of the tomato.

§ 51.1875  Misshapen.
Misshapen means that the tomato is decidedly kidney-shaped, lop-sided, elongated, angular or otherwise decidedly deformed.

§ 51.1876  Very serious damage.
Very serious damage means any specific defect described in § 51.1877, Table II; or an equally objectionable variation of any one of these defects, any other defect, or any combination of defects, which very seriously detracts from the appearance, or the edible or marketing quality of the tomato.

§ 51.1877  Classification of defects.

<table>
<thead>
<tr>
<th>Factor</th>
<th>Damage</th>
<th>Serious damage</th>
<th>Very serious damage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cuts and broken skins</td>
<td>Not shallow or not well healed, or shallow, well healed cut more than 1/2 inch (13 mm) in length, or other shallow, well healed skin breaks aggregating more than a circle 3/8 inch (10 mm) in diameter.</td>
<td>Not shallow or not well healed, or shallow, well healed cut more than 1/2 inch (13 mm) in length, or other shallow, well healed skin breaks aggregating more than a circle 1/2 inch (13 mm) in diameter.</td>
<td>Fresh or healed and extending through the tomato wall.</td>
</tr>
<tr>
<td>Puffiness</td>
<td>Open space in 1 or more locules materially detracts from appearance of tomato cut through center at right angles to a line from stem to blossom end.</td>
<td>Open space in 1 or more locules seriously detracts from appearance of tomato cut through center at right angles to a line from stem to blossom end.</td>
<td>Open space in 2 or more locules very seriously detracts from appearance of tomato cut through center at right angles to a line from stem to blossom end.</td>
</tr>
<tr>
<td>Catfaces</td>
<td>Scars are rough or deep, channels are very deep or wide, channels extend into a locule, or a fairly smooth catface aggregating more than a circle 1/8 inch (13 mm) in diameter.</td>
<td>Scars are rough or deep, channels are very deep or wide, channels extend into a locule, or a fairly smooth catface aggregating more than a circle 1/8 inch (13 mm) in diameter.</td>
<td>Channels extend into the locule, wall has been weakened to the extent that slight pressure will cause a tomato to leak, or a fairly smooth catface aggregating more than a circle 1 inch (25 mm) in diameter.</td>
</tr>
<tr>
<td>Scars (other than catfaces)</td>
<td>No depth and aggregating more than a circle 3/8 inch (10 mm) in diameter.</td>
<td>No depth and aggregating more than a circle 3/8 inch (10 mm) in diameter.</td>
<td>No depth and aggregating more than a circle 1 inch (25 mm) in diameter.</td>
</tr>
</tbody>
</table>
TABLE II—Continued

REFERENCES TO AREA, AGGREGATE AREA, LENGTH OR AGGREGATE LENGTH ARE BASED ON A TOMATO HAVING A DIAMETER OF 2 1/2 INCHES (64 MM) ¹

<table>
<thead>
<tr>
<th>Factor</th>
<th>Damage</th>
<th>Serious damage</th>
<th>Very serious damage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Growth cracks (radiating from or concentric to stem scar).</td>
<td>Not well healed, more than 1/4 inch (3 mm) in depth, individual radial cracks more than 1/2 inch (13 mm) in length, aggregate length of all radial cracks more than 1 inch (25 mm) measured from edge of stem scar. Any lot of tomatoes which are at least turning may have cracks which are not well healed provided they are not leaking.</td>
<td>Not well healed, more than 1/4 inch (3 mm) in depth, individual radial cracks more than 1/4 inch (19 mm) in length, aggregate length of all radial cracks more than 1 1/4 inches (44 mm) measured from edge of stem scar. Any lot of tomatoes which are at least turning may have cracks which are not well healed provided they are not leaking.</td>
<td>Not well healed, more than 1/4 inch (6 mm) in depth, individual radial cracks more than 1 inch (25 mm) in length, aggregate length of all radial cracks more than 2 1/4 inches (73 mm) measured from edge of stem scar. Any lot of tomatoes which are at least turning may have cracks which are not well healed provided they are not leaking.</td>
</tr>
</tbody>
</table>

Hail | Deep, rough, not well healed and corked over, or fairly smooth, shallow hailmarks aggregating more than a circle 3/8 inch (10 mm) in diameter. | Deep, rough, not well healed and corked over, or fairly smooth, shallow hailmarks aggregating more than a circle 5/8 inch (16 mm) in diameter. | Fresh, very deep or fairly smooth, shallow hailmarks aggregating more than a circle 1 inch (25 mm) in diameter. |

Insect injury | Materially detracts from the appearance of any insect is present in the fruit. | Seriously detracts from the appearance of any insect is present in the fruit. | Very seriously detracts from the appearance of any insect is present in the fruit. |

¹Conversion to metric equivalent, made to nearest whole millimeter.

Subpart—United States Consumer Standards for Fresh Tomatoes


GENERAL

§ 51.1900 General.

These standards apply only to field grown tomatoes and not to tomatoes grown in greenhouses.

GRADES

§ 51.1901 U.S. Grade A.

U.S. Grade A shall consist of tomatoes of similar varietal characteristics which are mature and are at least turning (see §51.1904), but are not overripe or soft which are well developed, at least fairly well formed, fairly smooth, free from soft rot, freezing injury, and from damage caused by dirt, bruises, cuts, shriveling, sunscald, sunburn, puffiness, catfaces, growth cracks, scars, dry rot, other diseases, insects, hail, or mechanical or other means. Tomatoes on the shown face shall be reasonably representative in size and quality of the contents of the container. (See §51.1903.)

(a) Incident to proper grading and handling, except for maturity, not more than 5 percent, by count, of the tomatoes in any lot may fail to meet the requirements of the grade, including not more than 1 percent for tomatoes which are affected by soft rot.

§ 51.1902 U.S. Grade B.

U.S. Grade B shall consist of tomatoes of similar varietal characteristics which are mature and are at least turning (see §51.1904), but are not overripe or soft and not badly misshapen; which are free from soft rot, freezing injury and from serious damage caused by dirt, bruises, cuts, shriveling, sunscald, sunburn, puffiness, catfaces, growth cracks, scars, dry rot, other diseases, insects hail, or mechanical or other means. Tomatoes on the shown face shall be reasonably representative in...