

# PACKING HOUSE MATURITY CHART

## Florida Department of Agriculture & Consumer Services

TANGELO STANDARDS (Orlando & Minneola)	* ORANGE STANDARDS	C.A.C.'s MINIMUM MATURITY FOR GRAPEFRUIT (Interstate, Export & Fla. West of Suwannee)	GRAPEFRUIT JUICE REQUIREMENTS D.O.C. 20-34.006	TANGERINE STANDARDS Aug. 1 thru Nov. 14																																																																																																																																																																																																																																																																																																																																																																
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SOLIDS for FRESH Aug. 1 thru Oct. 31 *(2) Min. SOLIDS for FRESH Nov. 1 thru Nov. 15 *(3) Min. SOLIDS for FRESH Nov. 16 thru Nov. 30 *(4) Flat 8.55 to 1 RATIO for FRESH Dec. 1 thru Jan. 31, with NO Min. Solids. *(5) Flat 8 to 1 RATIO for FRESH Feb. 1 thru July 31, with NO Min. Solids.</p> <p style="color: red; font-weight: bold;">MINIMUM ACID 0.40</p>	Minimum Total Solids %	Solids to Acid Min. Ratio	8.0 to (not including)	8.1 — 10.50 to 1	8.1 to " " "	8.2 — 10.45 to 1	8.2 to " " "	8.3 — 10.40 to 1	8.3 to " " "	8.4 — 10.35 to 1	8.4 to " " "	8.5 — 10.30 to 1	8.5 to " " "	8.6 — 10.25 to 1	8.6 to " " "	8.7 — 10.20 to 1	8.7 to " " "	8.8 — 10.15 to 1	8.8 to " " "	8.9 — 10.10 to 1	8.9 to " " "	9.0 — 10.05 to 1	9.0 to " " "	9.1 — 10.00 to 1	9.1 to " " "	9.2 — 9.95 to 1	9.2 to " " "	9.3 — 9.90 to 1	9.3 to " " "	9.4 — 9.85 to 1	9.4 to " " "	9.5 — 9.80 to 1	9.5 to " " "	9.6 — 9.75 to 1	9.6 to " " "	9.7 — 9.70 to 1	9.7 to " " "	9.8 — 9.65 to 1	9.8 to " " "	9.9 — 9.60 to 1	9.9 to " " "	10.0 — 9.55 to 1	10.0 to " " "	10.1 — 9.50 to 1	10.1 to " " "	10.2 — 9.45 to 1	10.2 to " " "	10.3 — 9.40 to 1	10.3 to " " "	10.4 — 9.35 to 1	10.4 to " " "	10.5 — 9.30 to 1	10.5 to " " "	10.6 — 9.25 to 1	10.6 to " " "	10.7 — 9.20 to 1	10.7 to " " "	10.8 — 9.15 to 1	10.8 to " " "	10.9 — 9.10 to 1	10.9 to " " "	11.0 — 9.05 to 1	11.0 to " " "	11.1 — 9.00 to 1	11.1 to " " "	11.2 — 8.95 to 1	11.2 to " " "	11.3 — 8.90 to 1	11.3 to " " "	11.4 — 8.85 to 1	11.4 to " " "	11.5 — 8.80 to 1	11.5 to " " "	11.6 — 8.75 to 1	11.6 to " " "	11.7 — 8.70 to 1	11.7 to " " "	11.8 — 8.65 to 1	11.8 to " " "	11.9 — 8.60 to 1	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Minimum Total Solids %</th> <th>Solids to Acid Min. 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Murcott Juicy Crunch</td></tr> </tbody> </table> <p style="color: red; font-weight: bold;">* Apply Tangerine Maturity standards May not include all varieties.</p>	Minimum Total Solids %	Solids to Acid Min. 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SOLIDS Seedless Grapefruit FRESH, Aug. 1 thru Dec. 31. *(2) Min. SOLIDS Seedless Grapefruit FRESH, Jan. 1 thru July 31. *(3) Min. 6.00 RATIO for ALL GRAPEFRUIT, April 15 thru July 31.</p>	Minimum Total Solids %	Solids to Acid Min. Ratio	7.0	7.00 to 1	7.5	7.00 to 1	7.0 to (not including)	8.1 — 7.00 to 1	8.1 to " " "	8.2 — 6.95 to 1	8.2 to " " "	8.3 — 6.90 to 1	8.3 to " " "	8.4 — 6.85 to 1	8.4 to " " "	8.5 — 6.80 to 1	8.5 to " " "	8.6 — 6.75 to 1	8.6 to " " "	8.7 — 6.70 to 1	8.7 to " " "	8.8 — 6.65 to 1	8.8 to " " "	8.9 — 6.60 to 1	8.9 to " " "	9.0 — 6.55 to 1	9.0 to " " "	10.1 — 6.50 to 1	10.1 to " " "	10.2 — 6.45 to 1	10.2 to " " "	10.3 — 6.425 to 1	10.3 to " " "	10.4 — 6.40 to 1	10.4 to " " "	10.5 — 6.375 to 1	10.5 to " " "	10.6 — 6.35 to 1	10.6 to " " "	10.7 — 6.325 to 1	10.7 to " " "	10.8 — 6.30 to 1	10.8 to " " "	10.9 — 6.275 to 1	10.9 to " " "	11.0 — 6.25 to 1	11.0 to " " "	11.1 — 6.225 to 1	11.1 to " " "	11.2 — 6.20 to 1	11.2 to " " "	11.3 — 6.175 to 1	11.3 to " " "	11.4 — 6.15 to 1	11.4 to " " "	11.5 — 6.125 to 1	11.5 to " " "	11.6 — 6.10 to 1	11.6 to " " "	11.7 — 6.075 to 1	11.7 to " " "	11.8 — 6.05 to 1	11.8 to " " "	11.9 — 6.025 to 1	11.9 to " " "	12.0 — 6.00 to 1	12.0 to and above	6.00 to 1	<p style="color: red; font-weight: bold;">Weight/Weight Method</p> <p>4 1/4" in diameter or less requires a minimum 52% juice content. Greater than 4 1/4" in diameter requires a minimum 49% juice content. NOTE: 3" (size 80) or smaller are exempt from juice content requirements.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Aug. 1 thru Nov. 15</th> <th>% Juice</th> </tr> </thead> <tbody> <tr><td>Size 14</td><td>— 400 cc or 49%</td></tr> <tr><td>Size 18</td><td>— 350 cc or 49%</td></tr> <tr><td>Size 23</td><td>— 305 cc or 49%</td></tr> <tr><td>Size 27</td><td>— 275 cc or 49%</td></tr> <tr><td>Size 32</td><td>— 245 cc or 52%</td></tr> <tr><td>Size 36</td><td>— 230 cc or 52%</td></tr> <tr><td>Size 40</td><td>— 210 cc or 52%</td></tr> <tr><td>Size 48</td><td>— 185 cc or 52%</td></tr> <tr><td>Size 56</td><td>— 170 cc or 52%</td></tr> <tr><td>Size 64</td><td>— 165 cc or 52%</td></tr> </tbody> </table> <p>Nov. 16 thru Mar. 1 % Juice</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr><td>Size 14</td><td>— 380 cc or 49%</td></tr> <tr><td>Size 18</td><td>— 335 cc or 49%</td></tr> <tr><td>Size 23</td><td>— 290 cc or 49%</td></tr> <tr><td>Size 27</td><td>— 265 cc or 49%</td></tr> <tr><td>Size 32</td><td>— 230 cc or 52%</td></tr> <tr><td>Size 36</td><td>— 220 cc or 52%</td></tr> <tr><td>Size 40</td><td>— 200 cc or 52%</td></tr> <tr><td>Size 48</td><td>— 180 cc or 52%</td></tr> <tr><td>Size 56</td><td>— 165 cc or 52%</td></tr> <tr><td>Size 64</td><td>— 160 cc or 52%</td></tr> </tbody> </table> <p>Mar. 2 thru July 31 % Juice</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr><td>Size 14</td><td>— 360 cc or 49%</td></tr> <tr><td>Size 18</td><td>— 320 cc or 49%</td></tr> <tr><td>Size 23</td><td>— 275 cc or 49%</td></tr> <tr><td>Size 27</td><td>— 250 cc or 49%</td></tr> <tr><td>Size 32</td><td>— 220 cc or 52%</td></tr> <tr><td>Size 36</td><td>— 210 cc or 52%</td></tr> <tr><td>Size 40</td><td>— 190 cc or 52%</td></tr> <tr><td>Size 48</td><td>— 170 cc or 52%</td></tr> <tr><td>Size 56</td><td>— 155 cc or 52%</td></tr> <tr><td>Size 64</td><td>— 150 cc or 52%</td></tr> </tbody> </table>	Aug. 1 thru Nov. 15	% Juice	Size 14	— 400 cc or 49%	Size 18	— 350 cc or 49%	Size 23	— 305 cc or 49%	Size 27	— 275 cc or 49%	Size 32	— 245 cc or 52%	Size 36	— 230 cc or 52%	Size 40	— 210 cc or 52%	Size 48	— 185 cc or 52%	Size 56	— 170 cc or 52%	Size 64	— 165 cc or 52%	Size 14	— 380 cc or 49%	Size 18	— 335 cc or 49%	Size 23	— 290 cc or 49%	Size 27	— 265 cc or 49%	Size 32	— 230 cc or 52%	Size 36	— 220 cc or 52%	Size 40	— 200 cc or 52%	Size 48	— 180 cc or 52%	Size 56	— 165 cc or 52%	Size 64	— 160 cc or 52%	Size 14	— 360 cc or 49%	Size 18	— 320 cc or 49%	Size 23	— 275 cc or 49%	Size 27	— 250 cc or 49%	Size 32	— 220 cc or 52%	Size 36	— 210 cc or 52%	Size 40	— 190 cc or 52%	Size 48	— 170 cc or 52%	Size 56	— 155 cc or 52%	Size 64	— 150 cc or 52%	<p>Murcott (Honey Tangerines) Maturity see Note 3</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Minimum Total Solids %</th> <th>Solids to Acid Min. 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NO MINIMUM SOLIDS.</p>	Minimum Total Solids %	Solids to Acid Min. Ratio	9.0 to (not including)	9.1 — 8.0 to 1	9.1 to " " "	9.2 — 8.9 to 1	9.2 to " " "	9.3 — 8.8 to 1	9.3 to " " "	9.4 — 8.7 to 1	9.4 to " " "	9.5 — 8.6 to 1	9.5 to " " "	9.6 — 8.5 to 1	9.6 to " " "	9.7 — 8.4 to 1	9.7 to " " "	9.8 — 8.3 to 1	9.8 to " " "	9.9 — 8.2 to 1	9.9 to " " "	10.0 — 8.1 to 1	10.0 to " " "	10.1 — 8.0 to 1	10.1 to " " "	10.2 — 7.9 to 1	10.2 to " " "	10.3 — 7.8 to 1	10.3 to " " "	10.4 — 7.7 to 1	10.4 to " " "	10.5 and above 7.6 to 1	Minimum Total Solids %	Solids to Acid Min. 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<p style="text-align: center;"><b>FOOTNOTES</b></p> <p>1. For processing plant requirements please refer to the Florida Citrus Processed Maturity Chart.</p> <p>2. For color break requirements and individual fruit testing, see LAW.</p>																																																																																																																																																																																																																																																																																																																																																																				