

| CULTIVAR | SAMPLE LOCATION | DATE | NUMBER OF FRUIT PER SAMPLE | TOTAL LENGTH PER SAMPLE (cm) | TOTAL WIDTH PER SAMPLE (cm) | LENGTH /WIDTH RATIO | TOTAL WT PER SAMPLE (grams) | MEAN WEIGHT PER FRUIT (grams) | EXTERNAL COLOR BASED ON COLOR CHART | TEXTURE BASED ON CHART | TOTAL RIND THICKNESS PER SAMPLE (mm) | TOTAL SEEDS PER SAMPLE | INTERIOR COLOR DESCRIPTION | TOTAL JUICE WT. PER SAMPLE (grams) | % JUICE | TSS (TOTAL SOLUBLE SOLIDS) | % ACID (BASED ON CITRIC ACID) | RATIO (TSS / % ACID) |
|----------|-----------------|------------|----------------------------|------------------------------|-----------------------------|---------------------|-----------------------------|-------------------------------|-------------------------------------|------------------------|--------------------------------------|------------------------|----------------------------|------------------------------------|---------|----------------------------|-------------------------------|----------------------|
| KOSTER | Riverside | 9/26/1995 | 5.0 | 18.1 | 21.5 | 0.8 | 200.0 | 40.0 | 3.5 | 2.0 | 16.0 | 30.0 | LT. GRN.-YEL. | 52.2 | 26.1 | 10.1 | 2.2 | 4.7 |
| KOSTER | Riverside | 10/17/1995 | 5.0 | 20.0 | 24.3 | 0.8 | 278.7 | 55.7 | 4.0 | 2.0 | 15.0 | 21.0 | GR.-LT. OR. | 83.4 | 29.9 | 10.0 | 2.2 | 4.6 |
| KOSTER | Riverside | 11/7/1995 | 5.0 | 21.2 | 26.0 | 0.8 | 331.4 | 66.3 | 4.0 | 2.5 | 14.0 | 18.0 | GR.-LT. OR. | 116.1 | 35.0 | 10.0 | 2.3 | 4.4 |
| KOSTER | Riverside | 12/17/1996 | 10.0 | 52.1 | 63.8 | 0.8 | 1158.7 | 115.9 | 5.0 | 3.0 | 29.0 | 62.0 | MED. ORANGE | 620.6 | 53.6 | 11.3 | 1.3 | 8.9 |
| KOSTER | Lindcove | 1/8/1997 | 10.0 | 50.3 | 66.0 | 0.8 | 1189.3 | 118.9 | 11.0 | 3.5 | 30.0 | 135.0 | BR. ORANGE | 603.2 | 50.7 | 11.5 | 1.1 | 10.2 |
| KOSTER | Lindcove | 1/8/1997 | 10.0 | 51.3 | 69.0 | 0.7 | 1306.4 | 130.6 | 11.0 | 4.0 | 33.0 | 147.0 | BR. ORANGE | 649.8 | 49.7 | 12.4 | 1.3 | 9.2 |
| KOSTER | Riverside | 1/8/1997 | 10.0 | 51.3 | 65.5 | 0.8 | 1202.6 | 120.3 | 7.0 | 3.0 | 29.0 | 117.0 | MED. ORANGE | 603.8 | 50.2 | 12.4 | 1.1 | 11.0 |
| KOSTER | Irvine | 1/14/1997 | 5.0 | 26.0 | 33.7 | 0.8 | 659.7 | 131.9 | 12.0 | 3.5 | 16.0 | 36.0 | BR. ORANGE | 369.9 | 56.1 | 14.0 | 1.5 | 9.4 |
| KOSTER | Lindcove | 1/28/1997 | 10.0 | 51.0 | 67.3 | 0.8 | 1227.4 | 122.7 | 12.0 | 3.0 | 31.0 | 114.0 | BR. ORANGE | 617.1 | 50.3 | 14.1 | 1.1 | 12.7 |
| KOSTER | Riverside | 1/28/1997 | 10.0 | 52.5 | 66.2 | 0.8 | 1264.6 | 126.5 | 13.0 | 3.5 | 30.0 | 121.0 | BR. ORANGE | 653.0 | 51.6 | 12.8 | 1.1 | 12.0 |
| KOSTER | Lindcove | 1/6/1998 | 10.0 | 48.4 | 64.2 | 0.8 | 1111.9 | 111.2 | 11.5 | 2.0 | 20.0 | 124.0 | MED. ORANGE | 609.2 | 54.8 | 11.6 | 1.2 | 9.9 |
| KOSTER | Lindcove | 1/6/1998 | 10.0 | 48.6 | 65.0 | 0.7 | 1105.8 | 110.6 | 11.5 | 2.5 | 24.0 | 112.0 | MED. ORANGE | 597.8 | 54.1 | 11.9 | 1.4 | 8.4 |
| KOSTER | Irvine | 1/6/1998 | 9.0 | 42.7 | 56.7 | 0.8 | 972.0 | 108.0 | 12.0 | 3.0 | 20.0 | 53.0 | BR. ORANGE | 535.6 | 55.1 | 13.6 | 1.6 | 8.5 |
| KOSTER | Irvine | 1/6/1998 | 10.0 | 48.5 | 62.0 | 0.8 | 1056.3 | 105.6 | 11.7 | 3.0 | 22.0 | 66.0 | BR. ORANGE | 589.6 | 55.8 | 14.8 | 2.0 | 7.4 |
| KOSTER | Riverside | 1/8/1998 | 10.0 | 51.0 | 66.3 | 0.8 | 1249.9 | 125.0 | 11.8 | 3.0 | 30.0 | 62.0 | BR. ORANGE | 626.8 | 50.1 | 12.4 | 1.1 | 11.4 |
| KOSTER | Riverside | 1/8/1998 | 10.0 | 50.0 | 63.0 | 0.8 | 1064.8 | 106.5 | 12.0 | 2.5 | 30.0 | 86.0 | BR. ORANGE | 522.5 | 49.1 | 12.5 | 1.1 | 11.7 |
| KOSTER | Irvine | 1/30/1998 | 10.0 | 47.8 | 60.8 | 0.8 | 989.5 | 99.0 | 11.5 | 3.0 | 26.0 | 89.0 | MED. ORANGE | 520.7 | 52.6 | 15.1 | 1.9 | 7.9 |
| KOSTER | Riverside | 2/2/1998 | 10.0 | 51.2 | 65.7 | 0.8 | 1163.0 | 116.3 | 11.5 | 3.0 | 32.0 | 51.0 | BR. ORANGE | 593.0 | 51.0 | 11.6 | 1.0 | 11.9 |
| KOSTER | Lindcove | 2/5/1998 | 10.0 | 49.7 | 66.7 | 0.7 | 1291.7 | 129.2 | 12.0 | 2.5 | 28.0 | 168.0 | BR. ORANGE | 706.8 | 54.7 | 11.3 | 0.9 | 12.2 |
| KOSTER | Lindcove | 2/5/1998 | 10.0 | 51.0 | 67.6 | 0.8 | 1207.1 | 120.7 | 11.5 | 2.5 | 28.0 | 153.0 | BR. ORANGE | 545.6 | 45.2 | 11.8 | 1.2 | 10.2 |
| KOSTER | Coachella | 1/4/1999 | 6.0 | 33.0 | 41.5 | 0.8 | 792.2 | 132.0 | 12.0 | 3.0 | 16.0 | 78.0 | MED. ORANGE | 333.4 | 42.1 | 10.8 | 1.0 | 11.7 |
| KOSTER | Lindcove | 1/5/1999 | 10.0 | 47.4 | 59.9 | 0.8 | 898.3 | 89.8 | 9.0 | 2.5 | 31.0 | 95.0 | LT.-MED. OR. | 358.9 | 40.0 | 10.9 | 1.5 | 7.2 |
| KOSTER | Lindcove | 1/5/1999 | 10.0 | 49.3 | 65.7 | 0.8 | 1102.9 | 110.3 | 9.0 | 3.0 | 34.0 | 84.0 | MED. ORANGE | 466.7 | 42.3 | 11.6 | 1.6 | 7.3 |
| KOSTER | Irvine | 1/12/1999 | 5.0 | 23.9 | 29.4 | 0.8 | 456.7 | 91.3 | 7.0 | 2.5 | 13.0 | 34.0 | BR. ORANGE | 233.5 | 51.1 | 12.9 | 1.8 | 7.1 |
| KOSTER | Irvine | 1/12/1999 | 5.0 | 23.8 | 31.3 | 0.8 | 505.1 | 101.0 | 7.0 | 3.5 | 13.0 | 34.0 | BR. ORANGE | 212.7 | 42.1 | 13.1 | 2.2 | 6.0 |
| KOSTER | Riverside | 1/26/1999 | 10.0 | 47.3 | 59.4 | 0.8 | 897.2 | 89.7 | 11.0 | 4.0 | 28.0 | 86.0 | BR. ORANGE | 417.1 | 46.5 | 11.9 | 1.4 | 8.3 |
| KOSTER | Riverside | 1/26/1999 | 5.0 | 23.5 | 28.6 | 0.8 | 433.5 | 86.7 | 10.0 | 3.5 | 12.0 | 48.0 | BR. ORANGE | 214.8 | 49.6 | 11.7 | 1.4 | 8.5 |
| KOSTER | Coachella | 1/27/1999 | 5.0 | 30.8 | 36.9 | 0.8 | 824.2 | 164.8 | 12.0 | 3.5 | 17.0 | 70.0 | MED. ORANGE | 311.2 | 37.8 | 10.2 | 0.9 | 10.9 |
| KOSTER | Lindcove | 1/27/1999 | 10.0 | 48.7 | 63.4 | 0.8 | 937.0 | 93.7 | 11.5 | 5.0 | 32.0 | 75.0 | MED. ORANGE | 363.2 | 38.8 | 10.9 | 1.2 | 9.2 |
| KOSTER | Lindcove | 1/27/1999 | 10.0 | 50.4 | 67.8 | 0.7 | 1157.4 | 115.7 | 12.0 | 5.0 | 33.0 | 92.0 | MED. ORANGE | 482.6 | 41.7 | 12.0 | 1.3 | 9.6 |
| KOSTER | Irvine | 1/28/1999 | 6.0 | 28.2 | 35.9 | 0.8 | 578.5 | 96.4 | 8.0 | 3.0 | 14.0 | 44.0 | BR. ORANGE | 294.7 | 50.9 | 10.8 | 1.5 | 7.2 |
| KOSTER | Lindcove | 2/11/1999 | 10.0 | 67.6 | 51.8 | 1.3 | 1033.2 | 103.3 | 11.0 | 6.0 | 33.0 | 100.0 | MED. ORANGE | 344.4 | 33.3 | 10.8 | 1.0 | 10.9 |
| KOSTER | Lindcove | 2/11/1999 | 10.0 | 51.1 | 68.4 | 0.7 | 1032.1 | 103.2 | 11.0 | 4.0 | 41.0 | 106.0 | BR. ORANGE | 303.3 | 29.4 | 8.5 | 0.7 | 11.9 |
| KOSTER | Riverside | 2/22/1999 | 10.0 | 52.0 | 65.5 | 0.8 | 1172.7 | 117.3 | 8.5 | 3.7 | 29.0 | 80.0 | MED. ORANGE | 510.6 | 43.5 | 11.8 | 1.1 | 10.7 |
| KOSTER | Riverside | 2/22/1999 | 5.0 | 27.4 | 35.3 | 0.8 | 692.6 | 138.5 | 8.0 | 3.7 | 16.0 | 36.0 | MED. ORANGE | 259.6 | 37.5 | 11.1 | 1.0 | 11.0 |
| KOSTER | Lindcove | 12/13/1999 | 10.0 | 48.1 | 63.0 | 0.8 | 1076.3 | 107.6 | 5.5 | 3.5 | 30.0 | 129.0 | MED. ORANGE | 562.0 | 52.2 | 9.4 | 1.7 | 5.6 |
| KOSTER | Lindcove | 12/13/1999 | 10.0 | 42.9 | 57.0 | 0.8 | 768.9 | 76.9 | 6.0 | 2.8 | 25.0 | 106.0 | MED. ORANGE | 391.0 | 50.9 | 8.9 | 1.9 | 4.7 |
| KOSTER | Lindcove | 1/4/2000 | 10.0 | 49.4 | 64.4 | 0.8 | 1111.0 | 111.1 | 11.0 | 3.5 | 27.0 | 150.0 | MED.-BR. OR. | 544.5 | 49.0 | 11.6 | 1.8 | 6.5 |
| KOSTER | Lindcove | 1/4/2000 | 10.0 | 44.5 | 60.2 | 0.7 | 881.8 | 88.2 | 11.5 | 3.0 | 29.0 | 142.0 | MED.-BR. OR. | 415.9 | 47.2 | 12.3 | 2.1 | 6.0 |
| KOSTER | Lindcove | 1/24/2000 | 10.0 | 49.6 | 63.9 | 0.8 | 1091.7 | 109.2 | 11.5 | 3.0 | 33.0 | 93.0 | BR. ORANGE | 542.4 | 49.7 | 11.6 | 1.4 | 8.2 |
| KOSTER | Lindcove | 1/24/2000 | 10.0 | 43.1 | 58.3 | 0.7 | 814.9 | 81.5 | 11.5 | 3.0 | 34.0 | 97.0 | BR. ORANGE | 391.7 | 48.1 | 13.5 | 1.9 | 7.0 |
| KOSTER | Irvine | 1/26/2000 | 10.0 | 43.3 | 57.5 | 0.8 | 799.3 | 79.9 | 11.0 | 2.5 | 25.0 | 84.0 | BR. ORANGE | 427.2 | 53.4 | 14.6 | 2.2 | 6.6 |
| KOSTER | Irvine | 1/26/2000 | 10.0 | 42.8 | 54.3 | 0.8 | 706.6 | 70.7 | 11.0 | 2.5 | 26.0 | 60.0 | BR. ORANGE | 389.9 | 55.2 | 14.6 | 2.0 | 7.2 |