

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)
TDE #1	Riverside	1/5/1996	10	58.5	74.7	0.8	1828.0	182.8	12.2	3.0	40.0	13.0	MED. ORANGE	879.0	48.1	11.7	1.5	7.9
TDE #1	Riverside	1/5/1996	10	55.7	68.0	0.8	1433.8	143.4	12.6	3.0	40.0	14.0	MED. ORANGE	708.2	49.4	15.3	1.7	9.2
TDE #1	Riverside	1/5/1996	10	52.9	64.3	0.8	1214.5	121.5	12.0	3.0	41.0	11.0	MED. ORANGE	594.5	49.0	15.5	1.9	8.0
TDE #1	Lindcove	1/29/1996	10	51.6	70.2	0.7	1476.4	147.6	12.5	12.5	38.0	3.0	BR. ORANGE	722.5	48.9	13.9	1.4	10.0
TDE #1	Lindcove	1/29/1996	10	58.8	79.1	0.7	2199.4	219.9	12.5	12.5	49.0	6.0	BR. ORANGE	1052.3	47.8	13.8	1.2	11.3
TDE #1	Riverside	1/30/1996	10	60.2	76.4	0.8	1913.4	191.3	13.0	3.0	41.0	15.0	MED. ORANGE	962.4	50.3	12.0	1.4	8.6
TDE #1	Riverside	1/30/1996	10	57.4	70.2	0.8	1492.3	149.2	13.0	3.5	42.0	12.0	MED. ORANGE	742.8	49.8	15.5	1.6	9.8
TDE #1	Riverside	1/30/1996	10	53.8	65.5	0.8	1272.4	127.2	13.0	3.5	41.0	8.0	MED. ORANGE	631.6	49.6	15.8	1.8	8.9
TDE #1	Coachella	2/15/1996	10	56.8	64.1	0.9	1186.2	118.6	13.0	3.0	28.0	3.0	BR. ORANGE	562.8	47.4	13.6	0.7	19.5
TDE #1	Riverside	2/21/1996	10	62.5	77.2	0.8	2019.3	201.9	13.0	3.5	42.0	12.0	BR. ORANGE	1021.3	50.6	12.5	1.3	9.8
TDE #1	Riverside	2/21/1996	10	58.0	71.4	0.8	1523.6	152.4	13.0	3.5	44.0	7.0	BR. ORANGE	763.4	50.1	16.0	1.5	10.9
TDE #1	Riverside	2/21/1996	10	54.6	66.2	0.8	1299.3	129.9	13.0	4.0	42.0	9.0	BR. ORANGE	659.3	50.7	16.1	1.7	9.6
TDE #1	Lindcove	2/29/1996	10	53.9	73.2	0.7	1518.6	151.9	13.0	3.0	40.0	4.0	BR. ORANGE	761.4	50.1	14.6	1.2	12.3
TDE #1	Lindcove	2/29/1996	10	61.2	82.2	0.7	2232.5	223.3	13.0	4.0	50.0	19.0	BR. ORANGE	1086.0	48.6	13.3	1.0	12.9
TDE #1	Lindcove	4/8/1996	10	53.4	72.0	0.7	1550.8	155.1	13.0	3.0	40.0	9.0	BR. ORANGE	759.8	49.0	14.8	0.7	20.0
TDE #1	Lindcove	4/8/1996	10	59.4	83.5	0.7	2281.4	228.1	13.0	3.0	44.0	10.0	BR. ORANGE	1161.6	50.9	13.3	0.7	19.5
TDE #1	Lindcove	4/29/1996	10	56.2	75.6	0.7	1719.0	171.9	12.5	4.0	43.0	2.0	BR. ORANGE	764.9	44.5	14.0	0.6	24.2
TDE #1	Lindcove	4/29/1996	10	69.4	95.2	0.7	3034.9	303.5	13.0	6.0	62.0	5.0	BR. ORANGE	888.7	29.3	13.4	0.3	40.2
TDE #1	Riverside	1/8/1997	10	56.2	68.3	0.8	1553.1	155.3	12.0	3.0	31.0	4.0	BR. ORANGE	786.5	50.6	12.5	1.0	12.1
TDE #1	Riverside	1/8/1997	10	70.3	83.5	0.8	3012.5	301.3	12.0	3.0	48.0	3.0	BR. ORANGE	1444.1	47.9	13.0	1.1	12.3
TDE #1	Coachella	1/9/1997	5	30.5	34.5	0.9	759.6	151.9	12.0	3.5	13.0	1.0	MED. ORANGE	325.6	42.9	12.0	0.9	13.8
TDE #1	Riverside	1/27/1997	10	66.0	79.5	0.8	2238.5	223.9	13.0	4.0	42.0	2.0	BR. ORANGE	1171.5	52.3	12.8	0.9	13.7
TDE #1	Riverside	1/27/1997	10	79.6	99.6	0.8	4006.9	400.7	13.0	4.0	57.0	7.0	BR. ORANGE	1902.3	47.5	13.4	1.0	13.9
TDE #1	Riverside	2/24/1997	10	60.5	77.6	0.8	2086.2	208.6	13.0	3.5	41.0	6.0	BR. ORANGE	1083.9	52.0	13.4	0.7	19.5
TDE #1	Coachella	2/27/1997	9	64.1	70.4	0.9	2113.6	234.8	14.4	4.0	55.0	2.0	BR. ORANGE	789.0	37.3	12.7	0.7	19.2
TDE #1	Riverside	1/8/1998	10	66.2	78.6	0.8	2273.6	227.4	12.5	2.5	38.0	10.0	BR. ORANGE	1083.0	47.6	13.3	1.0	13.4
TDE #1	Coachella	1/14/1998	8	58.5	65.1	0.9	1835.7	229.5	12.0	4.0	40.0	0.0	MED. ORANGE	797.2	43.4	13.2	0.9	14.7
TDE #1	Riverside	2/2/1998	10	71.7	83.6	0.9	2631.9	263.2	13.0	4.0	48.0	16.0	BR. ORANGE	1218.8	46.3	11.0	0.7	15.2
TDE #1	Lindcove	2/5/1998	10	54.8	71.0	0.8	1530.9	153.1	13.0	2.5	44.0	16.0	BR. ORANGE	753.8	49.2	11.9	1.3	9.2
TDE #1	Coachella	2/6/1998	10	68.4	73.4	0.9	1915.7	191.6	12.4	4.0	53.0	2.0	BR. ORANGE	734.3	38.3	14.3	0.8	17.2
TDE #1	Riverside	3/2/1998	10	69.7	80.5	0.9	2436.1	243.6	12.5	2.5	47.0	13.0	MED. ORANGE	1010.5	41.5	12.8	0.6	23.3
TDE #1	Lindcove	3/3/1998	10	58.7	76.8	0.8	1836.8	183.7	13.0	4.0	46.0	17.0	BR. ORANGE	922.6	50.2	12.5	0.8	15.3
TDE #1	Coachella	1/4/1999	10	74.0	86.7	0.9	2845.6	284.6	12.5	4.5	46.0	8.0	MED. ORANGE	1323.9	46.5	11.1	0.8	14.2
TDE #1	Riverside	1/26/1999	10	57.7	69.9	0.8	1533.7	153.4	12.0	3.5	36.0	13.0	MED. ORANGE	780.6	50.9	12.4	1.2	10.2
TDE #1	Riverside	1/26/1999	10	55.3	65.3	0.8	1309.9	131.0	12.0	3.5	34.0	16.0	MED. ORANGE	675.6	51.6	12.5	1.5	8.4
TDE #1	Coachella	1/27/1999	10	72.2	87.6	0.8	2805.5	280.6	12.7	3.5	51.0	6.0	BR. ORANGE	1243.1	44.3	11.7	0.8	14.1

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TDE #1	Riverside	2/22/1999	10	58.3	71.1	0.8	1600.3	160.0	11.7	3.5	34.0	13.0	MED.-DK. OR.	837.4	52.3	12.7	1.1	11.6
TDE #1	Riverside	2/22/1999	10	59.9	74.3	0.8	1802.4	180.2	11.6	3.2	37.0	13.0	MED. ORANGE	873.4	48.5	12.6	0.9	13.5
TDE #1	Coachella	2/23/1999	5	35.3	44.2	0.8	1380.8	276.2	12.5	5.0	26.0	10.0	MED. BR. OR.	585.2	42.4	12.1	0.7	16.9
TDE #1	Riverside	12/12/1999	10	56.8	56.1	1.0	1365.6	136.6	5.0	4.0	43.0	9.0	MED. ORANGE	645.7	47.3	10.6	2.3	4.6
TDE #1	Riverside	12/12/1999	10	69.0	81.9	0.8	2405.0	240.5	5.0	4.0	45.0	13.0	MED. ORANGE	1139.0	47.4	8.8	1.9	4.7
TDE #1	Riverside	1/3/2000	10	53.5	63.7	0.8	1153.1	115.3	4.0	3.0	38.0	10.0	GR. OR.-MED. OR.	508.3	44.1	10.8	1.7	6.5
TDE #1	Riverside	1/3/2000	10	65.3	74.0	0.9	1896.8	189.7	3.5	4.0	43.0	20.0	MED. ORANGE	802.3	42.3	10.5	1.4	7.3
TDE #1	Riverside	1/28/2000	10	60.5	72.8	0.8	1739.4	173.9	10.0	3.5	39.0	11.0	MED. ORANGE	876.9	50.4	13.1	1.4	9.1
TDE #1	Riverside	1/28/2000	10	71.5	86.3	0.8	2877.9	287.8	9.6	6.0	53.0	18.0	BR. ORANGE	1244.1	43.2	12.2	1.3	9.8
TDE #1	Riverside	2/15/2000	10	64.8	75.1	0.9	2011.0	201.1	12.0	4.5	42.0	7.0	MED. ORANGE	1001.7	49.8	12.3	1.1	11.5
TDE #1	Riverside	2/15/2000	9	66.2	80.7	0.8	2681.0	297.9	12.0	6.0	45.0	11.0	MED. ORANGE	1086.4	40.5	11.7	1.0	11.7
TDE #1	Riverside	1/30/2001	10	61.4	70.3	0.9	1572.2	157.2	13.0	3.0	39.0	8.0	BR. ORANGE	NA	NA	12.6	1.0	12.1
TDE #1	Riverside	1/30/2001	10	60.0	67.8	0.9	1399.2	139.9	13.0	2.5	34.0	9.0	BR. ORANGE	NA	NA	12.8	1.1	12.0
TDE #1	Coachella	10/28/2001	10	91.3	80.0	1.1	3218.0	321.8	12.0	6.0	59.0	9.0	MED. ORANGE	1288.9	40.1	10.8	0.8	14.2
TDE#1	Riverside	3/5/2002	10	65.3	80.7	0.8	2192.1	219.2	12.0	3.0	43.0	12.0	BR. ORANGE.	1068.3	48.7	14.0	1.0	14.2
TDE#1	Riverside	3/5/2002	10	64.3	79.1	0.8	2209.1	220.9	12.0	3.0	44.0	15.0	BR. ORANGE.	996.1	45.1	14.1	0.9	16.2
TDE#1	Riverside	3/25/2002	10	68.9	81.8	0.8	2430.7	243.1	12.5	3.5	48.0	21.0	BR. ORANGE.	1122.7	46.2	13.4	1.0	13.0
TDE#1	Riverside	3/25/2002	10	59.5	72.6	0.8	1751.3	175.1	12.0	3.5	41.0	34.0	BR. ORANGE.	894.0	51.0	13.9	1.0	14.3
TDE#1	Riverside	4/15/2002	10	71.9	89.9	0.8	2953.9	295.4	12.0	7.0	51.0	15.0	BR. ORANGE.	1381.1	46.8	13.5	0.8	16.5
TDE#1	Riverside	4/15/2002	10	68.0	82.2	0.8	2441.8	244.2	11.5	6.5	45.0	32.0	BR. ORANGE.	1095.0	44.8	12.8	0.9	15.1
TDE#1	Riverside	5/6/2002	10	71.7	84.7	0.8	2688.1	268.8	12.5	5.0	58.0	3.0	BR. ORANGE.	1137.3	42.3	13.5	0.8	17.9
TDE#1	Riverside	5/6/2002	10	61.5	73.0	0.8	1794.2	179.4	12.5	5.0	48.0	19.0	BR. ORANGE.	859.2	47.9	14.6	0.9	16.0
TDE#1	Riverside	3/3/2003	10	61.0	72.2	0.8	1751.1	175.1	12.0	3.0	39.0	14.0	MED.BR.OR.	811.6	46.3	14.3	1.0	15.0
TDE#1	Riverside	3/3/2003	10	60.6	70.1	0.9	1660.3	166.0	12.0	3.0	36.0	11.0	BR. ORANGE	830.7	50.0	13.5	0.9	15.8
TDE#1	Riverside	3/24/2003	10	62.9	76.1	0.8	1939.2	193.9	12.5	3.0	39.0	19.0	BR. ORANGE	1056.4	54.5	NA	NA	NA
TDE#1	Riverside	3/24/2003	10	58.2	71.3	0.8	1671.2	167.1	11.5	2.5	33.0	6.0	BR. ORANGE	949.2	56.8	12.5	0.8	16.7
TDE#1	Riverside	4/11/2003	10	59.2	72.1	0.8	1741.4	174.1	12.0	2.5	33.0	15.0	BR. ORANGE	954.5	54.8	13.3	0.6	22.0
TDE#1	Riverside	4/11/2003	10	55.1	67.9	0.8	1465.3	146.5	11.5	2.5	30.0	14.0	BR. ORANGE	862.5	58.9	13.5	0.7	20.6
TDE#1	Riverside	5/7/2003	10	61.7	76.1	0.8	1009.1	100.9	12.0	3.0	38.0	19.0	BR. ORANGE	1090.6	108.1	13.4	0.6	22.7
TDE#1	Riverside	5/7/2003	10	56.8	69.3	0.8	1528.1	152.8	12.0	3.0	29.0	18.0	BR. ORANGE	900.5	58.9	14.1	0.7	21.6
TDE#1	Riverside	2/28/2005	10	54.5	69.4	0.8	1311.2	131.1	12.5	3.5	28.0	86.0	MED. ORANGE	495.5	37.8	13.1	0.9	14.4
TDE#1	Riverside	2/28/2005	10	50.6	62.6	0.8	1067.6	106.8	11.5	3.5	25.0	132.0	MED. ORANGE	462.9	43.4	13.2	0.9	15.3
TDE#1	Riverside	3/14/2005	10	65.0	75.1	0.9	1924.6	192.5	12.0	3.5	39.0	14.0	BR. ORANGE	912.6	47.4	13.2	0.8	16.7
TDE#1	Riverside	3/14/2005	10	66.2	76.7	0.9	2089.1	208.9	12.0	3.0	42.0	11.0	BR. ORANGE	1013.9	48.5	14.0	1.0	14.7
TDE#1	Riverside	4/11/2005	10	69.4	80.4	0.9	2334.3	233.4	12.5	4.0	53.0	20.0	BR. ORANGE	1170.9	50.2	12.4	0.5	23.0
TDE#1	Riverside	4/11/2005	5	34.0	41.2	0.8	1097.1	219.4	11.5	4.0	28.0	7.0	BR. ORANGE	529.7	48.3	10.0	0.8	11.9