

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)
ELLENDALE	Lindcove	1/8/1997	10	58.1	70.5	0.8	1543.9	154.4	12.0	3.0	35.0	242.0	BR. ORANGE	799.9	51.8	12.2	1.3	9.6
ELLENDALE	Lindcove	1/8/1997	10	59.1	75.3	0.8	1772.8	177.3	11.0	3.5	38.0	301.0	BR. ORANGE	868.4	49.0	11.5	1.3	8.8
ELLENDALE	Riverside	1/8/1997	10	58.1	68.3	0.9	1426.4	142.6	12.0	3.0	38.0	297.0	MED. ORANGE	734.4	51.5	12.4	1.2	8.3
ELLENDALE	Riverside	1/8/1997	10	56.3	70.1	0.8	1414.9	141.5	12.0	3.0	32.0	274.0	MED. ORANGE	736.7	52.1	12.0	1.6	7.6
ELLENDALE	Irvine	1/14/1997	5	33.2	38.9	0.9	1076.7	215.3	12.0	3.5	20.0	89.0	BR. ORANGE	592.4	55.0	12.4	1.4	9.0
ELLENDALE	Riverside	1/27/1997	10	60.0	70.8	0.8	1590.8	159.1	12.5	3.5	41.0	256.0	BR. ORANGE	819.2	51.5	13.0	1.4	9.1
ELLENDALE	Riverside	1/27/1997	10	58.7	70.3	0.8	1532.2	153.2	12.0	3.0	33.0	305.0	BR. ORANGE	804.7	52.5	12.4	1.5	8.1
ELLENDALE	Lindcove	1/28/1997	10	53.7	63.1	0.9	1176.9	117.7	12.0	3.5	29.0	210.0	BR. ORANGE	643.3	54.7	13.1	1.1	12.3
ELLENDALE	Lindcove	1/28/1997	10	58.0	71.2	0.8	1515.1	151.5	12.0	3.0	36.0	218.0	BR. ORANGE	816.2	53.9	12.5	1.1	11.8
ELLENDALE	Irvine	2/3/1997	5	29.5	35.4	0.8	830.0	166.0	12.0	3.0	17.0	57.0	BR. ORANGE	440.5	53.1	13.0	1.4	9.6
ELLENDALE	Riverside	12/17/1997	10	56.8	66.7	0.9	1346.1	134.6	12.0	3.0	36.0	335.0	MED. ORANGE	696.1	51.7	11.5	2.2	5.3
ELLENDALE	Riverside	12/17/1997	10	55.2	65.7	0.8	1278.0	127.8	12.0	3.0	29.0	326.0	MED. ORANGE	669.2	52.4	11.5	2.1	5.5
ELLENDALE	Lindcove	12/18/1997	10	43.8	51.5	0.9	969.8	97.0	6.0	2.5	24.0	156.0	BR. ORANGE	484.2	49.9	11.8	1.6	7.4
ELLENDALE	Lindcove	12/18/1997	10	44.7	54.9	0.8	1135.9	113.6	6.0	2.5	28.0	116.0	BR. ORANGE	606.2	53.4	11.5	1.7	6.9
ELLENDALE	Lindcove	1/6/1998	10	53.1	64.3	0.8	1200.9	120.1	12.0	2.5	20.0	176.0	MED. ORANGE	652.6	54.3	11.9	1.3	8.9
ELLENDALE	Lindcove	1/6/1998	10	57.3	69.6	0.8	1501.0	150.1	11.5	2.5	25.0	169.0	MED. ORANGE	822.0	54.8	11.1	1.3	8.3
ELLENDALE	Irvine	1/6/1998	10	50.4	70.9	0.7	1143.9	114.4	11.2	4.0	44.0	13.0	BR. ORANGE	426.6	37.3	12.2	0.7	18.0
ELLENDALE	Irvine	1/6/1998	8	44.8	58.8	0.8	1079.2	134.9	11.5	4.0	41.0	4.0	BR. ORANGE	421.1	39.0	11.3	0.6	19.5
ELLENDALE	Irvine	1/30/1998	10	48.6	61.4	0.8	945.6	94.6	11.5	3.5	31.0	102.0	LT. ORANGE	405.8	42.9	14.6	0.8	17.8
ELLENDALE	Irvine	1/30/1998	6	29.9	37.0	0.8	606.5	101.1	11.5	4.0	20.0	78.0	LT. ORANGE	257.4	42.4	15.8	1.1	14.6
ELLENDALE	Lindcove	2/5/1998	10	57.2	69.1	0.8	1501.8	150.2	11.5	2.0	29.0	153.0	MED. ORANGE	745.1	49.6	12.1	1.0	12.0
ELLENDALE	Lindcove	2/5/1998	10	57.8	71.8	0.8	1644.3	164.4	12.3	3.0	39.0	244.0	BR. ORANGE	775.9	47.2	11.4	1.0	11.2
ELLENDALE	Coachella	1/4/1999	8	48.6	58.3	0.8	1378.5	172.3	12.0	3.0	23.0	156.0	MED. ORANGE.	554.6	40.2	11.8	1.0	11.7
ELLENDALE	Lindcove	1/5/1999	10	53.7	63.8	0.8	1128.0	112.8	11.5	2.5	36.0	102.0	MED. ORANGE	506.5	44.9	12.1	1.3	9.0
ELLENDALE	Lindcove	1/5/1999	10	56.8	68.3	0.8	1371.3	137.1	11.5	2.5	37.0	176.0	MED. ORANGE	582.8	42.5	11.9	1.5	7.9
ELLENDALE	Irvine	1/12/1999	10	56.5	64.4	0.9	1216.2	121.6	8.2	3.0	30.0	134.0	LT.-MED. OR.	581.6	47.8	12.2	2.0	6.1
ELLENDALE	Irvine	1/12/1999	10	53.2	61.7	0.9	1081.9	108.2	7.5	3.0	28.0	138.0	MED. ORANGE	560.9	51.8	11.9	2.4	5.1
ELLENDALE	Riverside	1/26/1999	10	50.4	61.0	0.8	1055.7	105.6	11.5	3.5	33.0	166.0	BR. ORANGE	535.9	50.8	12.1	1.5	8.2
ELLENDALE	Riverside	1/26/1999	10	50.7	62.9	0.8	1080.3	108.0	11.0	3.5	36.0	180.0	BR. ORANGE	543.3	50.3	12.7	1.8	7.0
ELLENDALE	Coachella	1/27/1999	5	32.3	36.8	0.9	835.1	167.0	12.5	3.5	15.0	92.0	MED. ORANGE.	284.9	34.1	12.4	0.9	13.4
ELLENDALE	Lindcove	1/27/1999	9	61.6	41.1	1.5	1112.4	123.6	10.7	3.0	35.0	150.0	MED. ORANGE	415.8	37.4	11.4	1.0	11.3
ELLENDALE	Lindcove	1/27/1999	10	71.5	57.4	1.2	1513.9	151.4	11.0	3.5	35.0	204.0	MED. ORANGE	635.0	41.9	11.6	1.3	8.8
ELLENDALE	Irvine	1/28/1999	10	59.1	66.8	0.9	1418.6	141.9	12.0	4.0	37.0	218.0	BR. ORANGE	756.1	53.3	10.6	1.5	7.0
ELLENDALE	Irvine	1/28/1999	10	47.1	65.6	0.7	1355.0	135.5	12.3	3.7	34.0	178.0	BR. ORANGE	740.6	54.7	10.7	1.7	6.3
ELLENDALE	Lindcove	2/11/1999	10	56.0	67.0	0.8	1179.7	118.0	11.0	3.0	40.0	98.0	BR. ORANGE	493.6	41.8	10.8	0.8	13.4
ELLENDALE	Lindcove	2/11/1999	10	57.8	71.8	0.8	1511.2	151.1	11.0	3.0	39.0	200.0	BR. ORANGE	623.7	41.3	9.7	0.7	13.7
ELLENDALE	Irvine	2/19/1999	10	59.5	69.3	0.9	1526.5	152.7	11.0	3.0	32.0	270.0	DK. ORANGE	757.5	49.6	12.3	1.6	7.7

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ELLENDALE	Irvine	2/19/1999	10	57.0	69.4	0.8	1499.8	150.0	11.0	2.5	26.0	206.0	DK. ORANGE	770.1	51.3	11.6	1.5	7.5
ELLENDALE	Riverside	2/22/1999	10	53.3	65.7	0.8	1289.2	128.9	11.5	3.0	29.0	179.0	BR. ORANGE	571.6	44.3	13.1	1.6	8.1
ELLENDALE	Riverside	2/22/1999	10	52.9	64.9	0.8	1229.2	122.9	11.8	3.5	30.0	182.0	BR. ORANGE	651.8	53.0	12.7	1.6	8.1
ELLENDALE	Riverside	12/12/1999	10	54.1	64.9	0.8	1267.2	126.7	10.0	3.0	25.0	118.0	MED.-BR. OR.	706.4	55.7	10.3	2.4	4.3
ELLENDALE	Riverside	12/12/1999	10	55.5	65.2	0.9	1306.2	130.6	10.5	3.0	27.0	182.0	MED. ORANGE	660.2	50.5	10.3	2.2	4.6
ELLENDALE	Coachella	12/15/1999	10	66.7	79.4	0.8	2198.3	219.8	7.0	3.0	30.0	278.0	MED. ORANGE	1049.7	47.8	9.8	1.0	10.0
ELLENDALE	Lindcove	12/15/1999	10	51.5	64.0	0.8	1175.9	117.6	11.0	1.5	28.0	88.0	MED.-BR. OR.	661.1	56.2	11.7	2.1	5.6
ELLENDALE	Lindcove	12/15/1999	10	52.1	65.0	0.8	1187.5	118.8	11.0	1.5	30.0	148.0	DK. ORANGE	592.7	49.9	12.1	2.2	5.4
ELLENDALE	Irvine	12/15/1999	10	47.5	57.0	0.8	846.4	84.6	5.0	1.5	28.0	156.0	GRN.-MED. OR.	420.9	49.7	11.5	3.3	3.4
ELLENDALE	Irvine	12/15/1999	10	49.3	58.1	0.8	938.8	93.9	5.0	1.5	27.0	148.0	MED. ORANGE	487.0	51.9	11.4	3.3	3.4
ELLENDALE	Riverside	1/3/2000	10	50.3	60.0	0.8	1060.6	106.1	6.0	3.0	20.0	73.0	MED.-BR. OR.	623.1	58.7	10.7	1.7	6.3
ELLENDALE	Riverside	1/3/2000	10	49.3	60.0	0.8	1009.9	101.0	6.0	3.0	22.0	78.0	MED. ORANGE	562.9	55.7	11.1	1.6	6.9
ELLENDALE	Lindcove	1/4/2000	10	53.9	66.7	0.8	1314.4	131.4	11.5	3.0	28.0	152.0	MED-BR OR	683.9	52.0	12.6	1.7	7.4
ELLENDALE	Lindcove	1/4/2000	10	52.8	67.9	0.8	1314.2	131.4	12.0	3.5	33.0	224.0	BR. ORANGE	659.6	50.2	13.4	2.0	6.8
ELLENDALE	Irvine	1/5/2000	10	53.5	64.0	0.8	1205.5	120.6	11.0	2.5	29.0	170.0	MED.-BR. OR.	610.1	50.6	13.1	2.4	5.5
ELLENDALE	Irvine	1/5/2000	10	51.8	61.9	0.8	1092.7	109.3	7.0	2.0	26.0	148.0	MED.-BR. OR.	562.2	51.5	12.8	2.6	4.9
ELLENDALE	Coachella	1/7/2000	10	67.7	78.9	0.9	2079.5	208.0	12.0	3.5	38.0	330.0	MED. ORANGE	784.0	37.7	11.2	0.9	12.4
ELLENDALE	Lindcove	1/24/2000	10	52.5	65.1	0.8	1216.0	121.6	11.0	31.0	31.0	87.0	BR. ORANGE	678.1	55.8	13.3	1.5	8.8
ELLENDALE	Lindcove	1/24/2000	10	51.1	64.5	0.8	1147.6	114.8	11.5	33.0	33.0	111.0	BR. ORANGE	583.4	50.8	15.0	1.9	8.0
ELLENDALE	Irvine	1/26/2000	10	52.4	61.4	0.9	1109.1	110.9	10.0	2.5	34.0	126.0	BR. ORANGE	594.3	53.6	13.9	2.3	6.2
ELLENDALE	Irvine	1/26/2000	10	51.3	60.8	0.8	1084.2	108.4	11.0	3.0	30.0	141.0	BR. ORANGE	550.2	50.7	14.0	2.6	5.3
ELLENDALE	Coachella	1/27/2000	10	65.9	76.4	0.9	1910.1	191.0	11.5	3.5	35.0	182.0	MED.-BR. OR.	818.1	42.8	11.6	0.9	13.3
ELLENDALE	Riverside	1/28/2000	10	59.9	70.9	0.8	1647.0	164.7	11.5	2.0	29.0	100.0	MED.-BR. OR.	952.2	57.8	9.9	1.2	8.2
ELLENDALE	Riverside	1/28/2000	10	58.4	70.5	0.8	1605.6	160.6	11.5	2.0	28.0	114.0	MED.-BR. OR.	924.0	57.5	11.7	1.3	9.3
ELLENDALE	Irvine	12/12/2000	10	44.6	50.8	0.9	656.3	65.6	5.5	2.0	22.0	222.0	BR. ORANGE	311.5	47.5	13.2	3.6	3.7
ELLENDALE	Lindcove	12/14/2000	10	53.7	66.5	0.8	1306.4	130.6	12.0	2.0	26.0	186.0	BR. ORANGE	705.8	54.0	12.0	1.5	7.9
ELLENDALE	Lindcove	12/14/2000	10	58.1	74.9	0.8	1737.3	173.7	12.0	2.0	31.0	252.0	BR. ORANGE	901.2	51.9	11.8	1.3	9.1
ELLENDALE	Riverside	1/3/2001	10	50.2	60.5	0.8	1000.4	100.0	11.5	2.0	29.0	260.0	BR. ORANGE	549.2	54.9	13.7	1.7	8.2
ELLENDALE	Riverside	1/3/2001	10	51.4	62.1	0.8	1052.4	105.2	11.5	2.0	27.0	266.0	BR. ORANGE	562.0	53.4	13.0	1.8	7.1
ELLENDALE	Lindcove	1/4/2001	10	60.9	74.5	0.8	1788.7	178.9	12.0	2.0	33.0	228.0	BR. ORANGE	872.8	48.8	12.0	1.2	9.8
ELLENDALE	Lindcove	1/4/2001	10	60.7	75.3	0.8	1804.4	180.4	12.0	2.0	36.0	253.0	BR. ORANGE	919.2	50.9	12.0	1.5	8.0
ELLENDALE	Coachella	1/12/2001	10	65.1	75.2	0.9	1818.6	181.9	12.0	3.5	34.0	203.0	BR. ORANGE	719.7	39.6	9.4	0.8	12.3
ELLENDALE	Lindcove	1/23/2001	10	56.9	72.1	0.8	1634.0	163.4	12.0	2.0	32.0	96.0	BR. ORANGE	752.3	46.0	12.8	1.3	10.0
ELLENDALE	Lindcove	1/23/2001	10	59.1	75.6	0.8	1736.1	173.6	12.0	2.0	38.0	137.0	BR. ORANGE	714.6	41.2	12.6	1.3	9.6
ELLENDALE	Coachella	1/29/2001	10	81.7	70.0	1.2	2069.6	207.0	12.0	3.0	38.0	203.0	MED.-BR. OR.	730.8	35.3	11.6	0.8	13.7
ELLENDALE	Riverside	1/30/2001	10	65.2	55.7	1.2	1255.9	125.6	11.5	3.0	33.0	256.0	BR. ORANGE	NA	NA	13.7	1.8	7.8
ELLENDALE	Riverside	1/30/2001	10	65.1	55.6	1.2	1222.3	122.2	12.0	3.0	29.0	376.0	BR. ORANGE	NA	NA	13.5	1.8	7.7
ELLENDALE	Lindcove	2/9/2001	10	59.6	74.2	0.8	1704.2	170.4	12.0	3.0	32.0	206.0	MED.-BR. OR.	843.9	49.5	13.0	1.1	12.3
ELLENDALE	Lindcove	2/9/2001	10	69.7	75.2	0.9	1668.1	166.8	12.0	3.0	38.0	186.0	MED.-BR. OR.	711.2	42.6	12.7	1.2	10.8