

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)
NOVA	Lindcove	1/8/1997	10	63.0	72.2	0.9	1686.9	168.7	13.0	3.5	47.0	70.0	MED. ORANGE	817.8	48.5	13.3	1.1	12.4
NOVA	Lindcove	1/8/1997	10	58.8	69.9	0.8	1469.0	146.9	13.0	4.0	52.0	77.0	MED. ORANGE	595.8	40.6	13.8	1.2	11.6
NOVA	Riverside	1/8/1997	10	55.6	63.0	0.9	1274.7	127.5	12.0	3.0	29.0	169.0	MED. ORANGE	649.7	51.0	13.6	0.9	15.6
NOVA	Riverside	1/8/1997	5	34.7	37.8	0.9	1012.5	202.5	12.0	3.0	20.0	70.0	LT.-MED. OR.	486.3	48.0	12.4	0.8	14.8
NOVA	Coachella	1/9/1997	10	65.8	74.0	0.9	1294.9	129.5	13.0	6.0	44.0	76.0	NA	NA	NA	NA	NA	NA
NOVA	Riverside	1/27/1997	10	57.9	65.2	0.9	1321.2	132.1	13.0	3.5	30.0	164.0	BR. ORANGE	732.1	55.4	14.0	0.8	18.7
NOVA	Riverside	1/27/1997	5	35.0	38.3	0.9	1052.0	210.4	13.0	3.5	21.0	17.0	LT-MED. OR.	476.1	45.3	12.7	0.8	16.0
NOVA	Lindcove	1/28/1997	8	48.8	53.5	0.9	1090.2	136.3	13.0	5.0	39.0	26.0	LT-MED. OR.	472.8	43.4	13.3	1.0	13.8
NOVA	Lindcove	12/18/1997	10	61.1	70.8	0.9	1520.8	152.1	13.0	5.0	50.0	50.0	LT-MED. OR.	646.2	42.5	12.6	1.2	10.8
NOVA	Lindcove	12/18/1997	10	60.3	67.7	0.9	1370.8	137.1	13.0	5.0	52.0	46.0	LT-MED. OR.	569.6	41.6	13.4	1.1	12.0
NOVA	Lindcove	1/6/1998	10	61.2	69.3	0.9	1562.2	156.2	13.0	3.5	36.0	56.0	MED. ORANGE	755.8	48.4	13.4	1.0	14.1
NOVA	Lindcove	1/6/1998	10	55.8	63.4	0.9	1148.8	114.9	13.0	3.5	41.0	43.0	MED. ORANGE	476.8	41.5	14.4	1.3	11.4
NOVA	Irvine	1/6/1998	6	38.3	46.2	0.8	1176.8	196.1	12.0	4.5	27.0	97.0	BR. ORANGE	532.6	45.3	13.4	1.1	12.0
NOVA	Riverside	1/8/1998	10	57.4	65.5	0.9	1381.9	138.2	12.0	2.0	29.0	110.0	BR. ORANGE	686.8	49.7	14.5	0.9	18.0
NOVA	Riverside	1/8/1998	10	56.4	66.7	0.8	1398.0	139.8	12.5	2.0	31.0	121.0	BR. ORANGE	672.0	48.1	14.6	0.9	17.3
NOVA	Coachella	1/14/1998	10	68.0	71.7	0.9	1166.0	116.6	13.0	4.0	51.0	104.0	NA	NA	NA	NA	NA	NA
NOVA	Riverside	2/2/1998	10	60.0	64.2	0.9	1381.7	138.2	13.0	2.5	33.0	71.0	BR. ORANGE	775.7	56.1	13.6	0.7	20.0
NOVA	Riverside	2/2/1998	10	54.7	65.8	0.8	1319.8	132.0	13.0	3.5	35.0	91.0	BR. ORANGE	669.3	50.7	13.4	0.8	17.5
NOVA	Lindcove	2/5/1998	10	66.1	74.8	0.9	1992.5	199.3	12.0	2.5	31.0	117.0	BR. ORANGE	1054.5	52.9	13.1	0.8	17.4
NOVA	Lindcove	1/5/1999	10	53.3	60.6	0.9	988.8	98.9	12.0	3.0	43.0	36.0	MED. ORANGE	362.6	36.7	13.1	1.1	12.4
NOVA	Lindcove	1/5/1999	10	54.6	62.6	0.9	1032.1	103.2	12.0	3.0	50.0	29.0	MED. ORANGE	313.9	30.4	13.7	1.1	12.7
NOVA	Irvine	1/12/1999	10	49.4	58.6	0.8	931.8	93.2	12.0	2.0	28.0	36.0	MED. ORANGE	493.4	53.0	12.8	1.1	11.5
NOVA	Irvine	1/12/1999	10	51.4	60.2	0.9	1054.5	105.5	11.5	2.0	29.0	114.0	MED. ORANGE	544.4	51.6	12.6	1.0	13.2
NOVA	Riverside	1/26/1999	10	52.4	59.8	0.9	1073.4	107.3	12.5	3.0	23.0	116.0	DK. ORANGE	549.2	51.2	14.7	0.9	15.9
NOVA	Riverside	1/26/1999	10	50.9	58.4	0.9	945.6	94.6	12.5	3.5	25.0	122.0	DK. ORANGE	463.0	49.0	14.6	1.0	15.3
NOVA	Lindcove	1/27/1999	9	54.4	48.6	1.1	859.5	95.5	11.5	3.0	33.0	39.0	MED. ORANGE	350.7	40.8	13.9	1.0	13.8
NOVA	Lindcove	1/27/1999	10	66.8	57.7	1.2	1171.3	117.1	11.5	3.5	41.0	46.0	MED. ORANGE	427.4	36.5	12.6	1.0	13.0
NOVA	Irvine	1/28/1999	10	53.9	61.1	0.9	1095.2	109.5	12.8	2.0	33.0	10.0	BR. ORANGE	545.0	49.8	11.3	0.9	12.4
NOVA	Irvine	1/28/1999	10	14.2	64.6	0.2	1245.6	124.6	12.9	2.0	NA	142.0	BR. ORANGE	651.1	52.3	12.7	0.9	14.2
NOVA	Lindcove	2/11/1999	10	60.0	52.0	1.2	862.0	86.2	10.3	3.0	29.0	26.0	MED. ORANGE	334.8	38.8	14.3	1.1	12.7
NOVA	Lindcove	2/11/1999	10	63.9	54.1	1.2	1021.2	102.1	11.0	3.0	46.0	27.0	MED. ORANGE	370.1	36.2	12.6	1.0	12.9
NOVA	Irvine	2/19/1999	10	54.1	63.5	0.9	1186.2	118.6	12.0	2.5	32.0	53.0	BR. ORANGE	566.4	47.7	14.0	1.0	13.7
NOVA	Irvine	2/19/1999	10	55.4	67.9	0.8	1411.1	141.1	12.0	3.0	36.0	174.0	BR. ORANGE	718.0	50.9	14.3	0.9	15.6
NOVA	Riverside	2/22/1999	10	52.8	57.8	0.9	988.0	98.8	12.0	3.0	33.0	186.0	BR. ORANGE	486.3	49.2	14.6	0.7	19.9
NOVA	Riverside	2/22/1999	10	50.9	56.0	0.9	908.8	90.9	12.0	3.5	28.0	140.0	BR. ORANGE	451.7	49.7	14.6	0.8	19.0
NOVA	Lindcove	12/13/1999	10	50.1	55.5	0.9	848.0	84.8	12.0	2.0	32.0	74.0	MED.-BR. OR.	3988.0	470.3	15.3	1.6	9.7

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NOVA	Lindcove	12/13/1999	10	48.8	54.7	0.9	798.1	79.8	12.0	2.0	40.0	124.0	MED.-BR. OR.	343.5	43.0	15.7	1.8	8.6
NOVA	Coachella	12/15/1999	10	63.5	72.3	0.9	1490.4	149.0	12.0	4.0	40.0	144.0	LT. ORANGE	323.8	21.7	10.2	0.8	12.7
NOVA	Irvine	12/15/1999	10	45.2	44.6	1.0	725.5	72.6	12.0	1.0	22.0	63.0	MED.-BR. OR.	371.8	51.2	12.9	1.4	9.0
NOVA	Irvine	12/15/1999	6	31.7	37.9	0.8	697.9	116.3	12.0	2.0	22.0	114.0	DK. ORANGE	310.6	44.5	13.8	4.5	9.1
NOVA	Lindcove	1/4/2000	10	49.1	57.0	0.9	872.6	87.3	12.0	3.0	32.0	81.0	MED.-BR. OR.	419.5	48.1	15.4	1.4	10.9
NOVA	Lindcove	1/4/2000	10	48.9	55.0	0.9	777.1	77.7	11.5	3.5	42.0	98.0	MED.-BR. OR.	317.2	40.8	16.7	1.7	10.0
NOVA	Irvine	1/5/2000	10	46.4	57.5	0.8	873.5	87.4	12.0	1.5	33.0	102.0	MED.-BR. OR.	436.3	49.9	13.8	1.2	11.4
NOVA	Irvine	1/5/2000	10	44.7	50.8	0.9	653.6	65.4	11.5	3.0	38.0	320.0	MED.-BR. OR.	219.0	33.5	16.4	2.1	8.0
NOVA	Irvine	1/26/2000	10	50.0	61.6	0.8	1044.5	104.5	13.0	4.0	35.0	58.0	BR. ORANGE	559.3	53.5	14.6	1.0	13.9
NOVA	Irvine	1/26/2000	10	44.6	49.3	0.9	604.9	60.5	11.0	4.0	42.0	198.0	MED. ORANGE	195.6	32.3	16.2	1.8	8.9
NOVA	Irvine	12/12/2000	10	51.5	56.1	0.9	873.7	87.4	12.0	1.5	25.0	326.0	BR. ORANGE	382.1	43.7	14.0	1.0	14.5
NOVA	Irvine	12/12/2000	10	47.6	52.5	0.9	735.1	73.5	12.0	1.5	23.0	322.0	BR. ORANGE	358.2	48.7	15.8	1.2	13.1
NOVA	Riverside	1/3/2001	10	55.4	60.0	0.9	1067.7	106.8	13.0	2.0	27.0	252.0	BR. ORANGE	593.7	55.6	15.3	0.8	18.6
NOVA	Riverside	1/3/2001	10	53.0	58.8	0.9	981.2	98.1	13.0	2.0	28.0	234.0	BR. ORANGE	486.6	49.6	15.3	0.9	16.4
NOVA	Irvine	1/5/2001	10	56.0	61.5	0.9	1154.2	115.4	12.5	1.0	32.0	240.0	BR. ORANGE	558.8	48.4	14.1	0.8	18.8
NOVA	Irvine	1/5/2001	7	36.7	40.4	0.9	675.4	96.5	12.0	1.0	22.0	176.0	BR. ORANGE	354.3	52.5	15.7	0.9	18.5
NOVA	Coachella	1/12/2001	10	62.6	76.5	0.8	1776.1	177.6	12.5	4.0	37.0	201.0	BR. ORANGE	574.9	32.4	12.5	0.8	14.8
NOVA	Irvine	1/24/2001	10	64.4	59.3	1.1	1347.0	134.7	13.0	2.5	31.0	170.0	BR. ORANGE	628.8	46.7	14.0	0.7	20.5
NOVA	Irvine	1/24/2001	10	57.8	53.7	1.1	979.7	98.0	12.5	2.5	30.0	184.0	BR. ORANGE	471.4	48.1	15.6	0.9	18.3
NOVA	Riverside	1/30/2001	10	59.1	54.3	1.1	1004.6	100.5	11.0	3.0	30.0	248.0	BR. ORANGE	NA	NA	14.9	0.8	19.0
NOVA	Riverside	1/30/2001	10	62.1	57.3	1.1	1162.1	116.2	12.0	3.0	30.0	266.0	BR. ORANGE	NA	NA	15.3	0.9	16.9
NOVA	Irvine	2/16/2001	10	57.2	62.0	0.9	1156.2	115.6	12.5	2.0	35.0	170.0	BR. ORANGE	536.5	46.4	14.2	0.6	24.2
NOVA	Irvine	2/16/2001	10	52.8	58.0	0.9	963.1	96.3	12.0	2.0	30.0	110.0	BR. ORANGE	389.7	40.5	14.5	0.7	21.0
NOVA	Coachella	10/9/2003	10	50.5	52.2	1.0	716.0	71.6	3.5	3.0	39.0	134.0	YELLOW	128.3	17.9	8.7	0.8	10.5
NOVA	Coachella	10/9/2003	10	55.4	60.4	0.9	1039.4	103.9	4.0	3.0	34.0	128.0	PALE YELLOW	261.1	25.1	9.5	0.6	15.3
NOVA	Coachella	10/9/2003	10	58.3	55.8	1.0	869.9	87.0	4.5	3.5	43.0	61.0	PALE YELLOW	268.2	30.8	9.5	0.8	12.5
NOVA	Coachella	10/9/2003	10	52.8	55.6	0.9	845.2	84.5	4.5	3.5	36.0	161.0	PALE YELLOW	270.5	32.0	10.0	0.7	14.9
NOVA	Coachella	10/9/2003	10	54.6	57.2	1.0	901.0	90.1	4.5	3.0	41.0	109.0	PALE YELLOW	271.9	30.2	9.9	0.7	14.1
NOVA	Coachella	10/9/2003	10	54.8	59.3	0.9	976.6	97.7	4.5	4.0	43.0	116.0	LT. YELLOW	192.8	19.7	9.0	0.6	16.4
NOVA	Coachella	11/21/2003	10	61.2	67.7	0.9	1311.6	131.2	6.0	4.0	43.0	128.0	PALE ORANGE	143.8	11.0	10.0	1.2	8.6
NOVA	Coachella	11/21/2003	10	61.2	67.7	0.9	1311.6	131.2	6.0	4.0	43.0	128.0	PALE ORANGE	143.8	11.0	10.0	1.2	8.6
NOVA	Coachella	10/28/2004	10	66.6	62.6	1.1	1102.4	110.2	4.5	4.0	40.0	115.0	PALE YELLOW	319.2	29.0	10.0	1.1	9.3
NOVA	Coachella	10/28/2004	10	64.3	65.8	1.0	1403.8	140.4	4.5	3.0	44.0	96.0	PALE ORANGE	573.2	40.8	9.9	0.9	11.2
NOVA	Coachella	10/28/2004	10	66.4	66.9	1.0	1454.8	145.5	5.0	3.0	35.0	58.0	PALE YELLOW	514.9	35.4	8.9	0.8	10.6
NOVA	Coachella	10/28/2004	10	62.1	63.1	1.0	1257.7	125.8	5.0	3.0	40.0	231.0	PALE YELLOW	493.7	39.3	9.6	0.8	11.6
NOVA	Coachella	10/28/2004	10	64.8	63.7	1.0	1235.1	123.5	5.0	4.0	44.0	131.0	PALE YELLOW	379.9	30.8	9.1	0.8	12.1
NOVA	Coachella	10/28/2004	10	63.0	63.2	1.0	1213.3	121.3	4.5	4.5	49.0	58.0	LT. YELLOW	345.1	28.4	8.8	1.1	8.4
NOVA	Coachella	10/28/2004	10	65.1	64.1	1.0	1269.0	126.9	4.5	5.5	49.0	37.0	LT. YELLOW	307.5	24.2	8.6	0.9	9.4