

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)
SIDI AISSA	Riverside	9/26/1995	10	36.3	38.4	0.9	306.2	30.6	3.5	1.5	21.0	41.0	LT. GRN.-OR.	130.4	42.6	13.5	2.8	4.8
SIDI AISSA	Riverside	10/17/1995	10	42.4	44.7	0.9	559.2	55.9	4.5	1.5	25.0	56.0	LT.-MED. OR.	257.9	46.1	13.6	2.0	6.8
SIDI AISSA	Riverside	11/7/1995	10	49.8	53.2	0.9	746.9	74.7	4.6	2.0	28.0	74.0	LT.-MED. OR.	363.7	48.7	13.8	1.3	10.9
SIDI AISSA	Riverside	11/30/1995	10	50.8	54.4	0.9	774.2	77.4	6.5	2.5	28.0	80.0	MED. ORANGE	379.6	49.0	14.0	1.1	13.0
SIDI AISSA	Lindcove	10/16/1996	5	27.3	27.6	1.0	409.1	81.8	4.0	3.0	17.0	81.0	LT. ORANGE	190.4	46.5	12.1	1.4	8.8
SIDI AISSA	Lindcove	10/16/1996	5	27.1	28.5	1.0	460.8	92.2	4.0	3.0	19.0	67.0	LT. ORANGE	226.9	49.2	10.0	1.3	8.0
SIDI AISSA	Riverside	10/16/1996	5	28.3	26.3	1.1	399.1	79.8	4.0	2.5	20.0	46.0	MED. ORANGE	171.3	42.9	11.5	1.3	8.6
SIDI AISSA	Coachella	10/17/1996	5	27.2	29.8	0.9	490.4	98.1	4.5	2.5	11.0	63.0	LT. ORANGE	173.2	35.3	10.2	0.9	11.6
SIDI AISSA	Lindcove	11/6/1996	10	56.0	59.1	0.9	938.2	93.8	9.0	3.5	42.0	99.0	BR. ORANGE	398.4	42.5	12.7	1.2	10.4
SIDI AISSA	Lindcove	11/6/1996	10	57.7	60.8	0.9	1035.5	103.6	6.0	3.5	40.0	134.0	BR. ORANGE	465.9	45.0	11.5	1.2	9.7
SIDI AISSA	Riverside	11/6/1996	5	27.6	27.3	1.0	433.2	86.6	4.6	2.5	16.0	21.0	MED. ORANGE	194.5	44.9	11.3	1.0	11.2
SIDI AISSA	Irvine	11/13/1996	5	29.9	34.6	0.9	730.9	146.2	8.4	3.5	21.0	67.0	BR. ORANGE	326.3	44.6	11.3	1.0	11.9
SIDI AISSA	Irvine	11/13/1996	10	56.1	64.8	0.9	1178.6	117.9	9.0	3.5	37.0	164.0	BR. ORANGE	548.6	46.5	12.0	1.0	12.0
SIDI AISSA	Lindcove	12/2/1996	10	56.2	62.9	0.9	1046.2	104.6	12.5	4.0	47.0	83.0	BR. ORANGE	391.6	37.4	13.3	1.1	12.0
SIDI AISSA	Lindcove	12/2/1996	10	59.4	65.7	0.9	1196.2	119.6	12.5	4.0	46.0	73.0	BR. ORANGE	484.0	40.5	12.9	1.1	12.4
SIDI AISSA	Riverside	12/2/1996	5	31.1	32.7	1.0	649.2	129.8	12.5	4.0	25.0	71.0	BR. ORANGE	254.3	39.2	13.3	0.9	14.5
SIDI AISSA	Riverside	12/2/1996	5	30.0	31.1	1.0	580.9	116.2	7.2	3.5	23.0	20.0	BR. ORANGE	250.7	43.2	13.4	1.0	13.7
SIDI AISSA	Lindcove	10/20/1997	10	53.7	53.9	1.0	817.4	81.7	4.5	2.0	27.0	161.0	LT.-MED. OR.	423.3	51.8	11.3	1.0	10.9
SIDI AISSA	Lindcove	10/20/1997	10	52.3	53.4	1.0	761.4	76.1	4.5	2.0	30.0	106.0	LT.-MED. OR.	388.8	51.1	11.4	1.3	9.0
SIDI AISSA	Irvine	10/20/1997	10	55.5	59.4	0.9	983.5	98.4	4.5	2.0	35.0	114.0	LT.-MED. OR.	494.7	50.3	11.3	1.0	11.9
SIDI AISSA	Irvine	10/20/1997	10	49.8	54.3	0.9	751.1	75.1	4.5	2.0	32.0	71.0	LT.-MED. OR.	402.3	53.6	12.9	1.3	9.8
SIDI AISSA	Riverside	10/20/1997	5	28.6	28.5	1.0	487.5	97.5	4.0	2.5	13.0	58.0	LT.-MED. OR.	218.7	44.9	10.3	1.0	9.8
SIDI AISSA	Riverside	11/3/1997	8	42.5	42.9	1.0	685.1	85.6	3.5	2.0	20.0	19.0	MED. ORANGE	352.8	51.5	10.1	1.2	8.8
SIDI AISSA	Irvine	11/4/1997	10	52.1	58.9	0.9	923.6	92.4	5.0	2.0	35.0	72.0	LT. ORANGE	476.5	51.6	11.6	0.9	12.8
SIDI AISSA	Irvine	11/4/1997	10	50.1	54.6	0.9	788.0	78.8	5.0	2.0	36.0	44.0	MED. ORANGE	439.6	55.8	13.4	1.2	11.0
SIDI AISSA	Lindcove	11/6/1997	10	54.9	55.7	1.0	908.0	90.8	8.6	2.5	32.0	93.0	LT. ORANGE	453.9	50.0	11.4	1.0	11.5
SIDI AISSA	Lindcove	11/6/1997	10	51.0	51.6	1.0	712.8	71.3	6.8	2.0	31.0	52.0	LT. ORANGE	360.8	50.6	11.5	1.1	10.6
SIDI AISSA	Riverside	12/3/1997	5	32.3	36.8	0.9	825.4	165.1	9.2	3.5	19.0	52.0	MED. ORANGE	324.6	39.3	10.9	0.8	14.0
SIDI AISSA	Irvine	12/5/1997	10	55.3	63.6	0.9	1081.0	108.1	12.0	3.8	40.0	70.0	MED. ORANGE	500.5	46.3	12.3	1.1	11.5
SIDI AISSA	Irvine	12/5/1997	10	46.7	56.8	0.8	790.6	79.1	12.5	3.0	35.0	66.0	MED. ORANGE	424.5	53.7	14.4	1.3	11.3
SIDI AISSA	Lindcove	12/12/1997	10	54.5	58.8	0.9	971.8	97.2	12.5	3.0	40.0	114.0	MED.-BR. OR.	421.6	43.4	13.5	0.9	14.8
SIDI AISSA	Lindcove	12/12/1997	10	56.6	58.3	1.0	911.2	91.1	12.5	3.0	43.0	59.0	MED.-BR. OR.	385.6	42.3	13.3	1.0	13.4
SIDI AISSA	Lindcove	11/2/1998	10	55.8	55.7	1.0	828.8	82.9	4.5	3.5	40.0	66.0	MED. ORANGE	332.9	40.2	10.8	1.3	8.5
SIDI AISSA	Lindcove	11/2/1998	10	62.0	57.9	1.1	970.2	97.0	4.0	3.7	41.0	55.0	MED.-BR. OR.	382.0	39.4	10.7	1.4	7.8
SIDI AISSA	Coachella	11/5/1998	5	59.7	66.7	0.9	1241.6	248.3	5.0	3.5	36.0	123.0	PALE ORANGE	385.1	31.0	8.8	0.8	11.5
SIDI AISSA	Irvine	11/6/1998	10	48.4	54.1	0.9	754.1	75.4	5.5	2.5	37.0	77.0	PALE-MED. OR.	353.7	46.9	11.0	1.1	10.4
SIDI AISSA	Irvine	11/6/1998	10	47.4	51.7	0.9	672.4	67.2	4.8	3.0	33.0	76.0	MED.-BR. OR.	313.5	46.6	11.2	1.2	9.8

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)
SIDI AISSA	Riverside	11/9/1998	10	47.8	51.1	0.9	660.0	66.0	4.7	3.0	31.0	89.0	MED. ORANGE	251.6	38.1	10.5	1.0	10.7
SIDI AISSA	Riverside	11/9/1998	10	48.9	51.0	1.0	684.0	68.4	4.3	3.2	26.0	89.0	LT.-MED. OR	293.0	42.8	10.6	1.1	9.5
SIDI AISSA	Riverside	11/30/1998	10	52.3	56.4	0.9	832.3	83.2	10.8	2.5	36.0	79.0	MED. ORANGE	343.1	41.2	11.4	1.0	11.4
SIDI AISSA	Riverside	11/30/1998	10	52.5	57.5	0.9	865.1	86.5	9.6	2.5	35.0	86.0	MED. ORANGE	358.6	41.5	11.3	1.0	11.5
SIDI AISSA	Lindcove	12/1/1998	10	61.1	62.9	1.0	1073.9	107.4	12.0	3.5	49.0	34.0	MED. ORANGE	388.6	36.2	10.9	0.9	12.6
SIDI AISSA	Lindcove	12/1/1998	5	30.3	31.5	1.0	564.8	113.0	11.5	35.0	20.0	21.0	MED. ORANGE	232.8	41.2	11.5	1.0	11.5
SIDI AISSA	Irvine	12/3/1998	10	49.2	57.5	0.9	818.8	81.9	11.0	2.5	35.0	104.0	BR. ORANGE	376.0	45.9	11.5	1.0	12.1
SIDI AISSA	Irvine	12/3/1998	10	51.9	57.6	0.9	827.6	82.8	10.5	2.5	38.0	66.0	BR. ORANGE	350.2	42.3	11.1	0.9	12.5
SIDI AISSA	Riverside	12/13/1998	10	51.3	59.0	0.9	916.5	91.7	12.5	2.5	41.0	84.0	BR. ORANGE	384.5	42.0	10.8	0.9	11.5
SIDI AISSA	Riverside	12/13/1998	10	54.7	61.2	0.9	1013.5	101.4	12.5	2.5	42.5	108.0	BR. ORANGE	402.2	39.7	11.5	1.0	11.7
SIDI AISSA	Lindcove	12/14/1998	10	60.1	63.4	0.9	1080.0	108.0	12.7	3.5	49.0	61.0	BR. ORANGE	407.7	37.8	11.7	0.9	13.2
SIDI AISSA	Lindcove	12/14/1998	10	66.0	65.7	1.0	1232.7	123.3	12.6	3.8	51.5	37.0	BR. ORANGE	441.9	35.8	11.8	0.8	14.5
SIDI AISSA	Irvine	12/16/1998	10	50.1	59.8	0.8	919.1	91.9	13.0	2.5	41.0	121.0	BR. ORANGE	440.6	47.9	11.4	0.8	14.2
SIDI AISSA	Irvine	12/16/1998	10	50.8	59.5	0.9	900.1	90.0	12.6	2.5	38.5	89.0	BR. ORANGE	441.3	49.0	12.7	1.0	12.8
SIDI AISSA	Irvine	10/28/1999	10	43.2	45.1	1.0	461.4	46.1	3.5	3.0	29.0	74.0	MED. ORANGE	202.5	43.9	9.5	1.5	6.4
SIDI AISSA	Irvine	10/28/1999	10	46.1	47.1	1.0	534.4	53.4	3.0	4.0	31.0	150.0	MED. ORANGE	238.8	44.7	10.2	1.6	6.3
SIDI AISSA	Lindcove	11/1/1999	10	47.9	50.4	1.0	656.6	65.7	3.5	4.0	32.0	112.0	MED. ORANGE	290.4	44.2	11.1	1.3	8.6
SIDI AISSA	Lindcove	11/1/1999	10	46.5	47.9	1.0	571.0	57.1	3.0	4.0	33.0	80.0	MED. ORANGE	266.4	46.7	11.8	1.4	8.4
SIDI AISSA	Coachella	11/3/1999	10	56.7	55.2	1.0	852.8	85.3	4.0	4.0	22.0	60.0	LT. ORANGE	291.5	34.2	8.5	0.6	13.4
SIDI AISSA	Irvine	11/29/1999	10	45.5	49.3	0.9	591.9	59.2	6.0	3.0	30.0	29.0	MED.-BR. OR	312.3	52.8	10.0	1.2	8.5
SIDI AISSA	Irvine	11/29/1999	10	48.0	52.3	0.9	715.2	71.5	6.0	3.0	29.0	35.0	MED.-BR. OR	368.1	51.5	10.8	1.2	9.2
SIDI AISSA	Lindcove	12/2/1999	10	53.5	57.2	0.9	834.2	83.4	11.0	3.0	41.0	76.0	MED.-BR. OR	368.6	44.2	12.7	1.2	11.0
SIDI AISSA	Lindcove	12/2/1999	10	51.1	55.1	0.9	721.7	72.2	11.5	3.5	45.0	72.0	MED.-BR. OR	290.1	40.2	14.2	1.3	11.3
SIDI AISSA	Coachella	12/3/1999	10	63.0	66.1	1.0	1171.1	117.1	11.0	3.0	NA	NA	NA	NA	NA	NA	NA	NA
SIDI AISSA	Lindcove	12/13/1999	10	49.3	53.8	0.9	728.3	72.8	12.0	2.5	37.0	78.0	MED.-BR. OR	305.7	42.0	12.5	1.2	10.6
SIDI AISSA	Lindcove	12/13/1999	10	48.9	53.5	0.9	683.4	68.3	12.0	3.0	36.0	90.0	MED.-BR. OR	248.0	36.3	13.9	1.3	10.7
SIDI AISSA	Irvine	12/15/1999	10	53.5	58.0	0.9	906.1	90.6	11.0	2.5	34.0	69.0	MED. ORANGE	464.2	51.2	11.4	1.1	10.9
SIDI AISSA	Irvine	12/15/1999	10	52.8	58.5	0.9	925.6	92.6	11.0	3.0	31.0	84.0	MED. ORANGE	486.6	52.6	10.7	1.0	11.0
SIDI AISSA	Coachella	10/17/2000	10	61.5	58.3	1.1	983.0	98.3	3.5	3.5	31.0	179.0	YEL.-LT. OR.	322.7	32.8	9.5	0.7	13.5
SIDI AISSA	Riverside	10/31/2000	10	51.8	56.1	0.9	859.8	86.0	6.0	3.5	29.0	91.0	BR. ORANGE	438.1	51.0	11.7	0.8	14.2
SIDI AISSA	Riverside	10/31/2000	10	54.9	56.4	1.0	917.5	91.8	4.5	3.0	30.0	48.0	BR. ORANGE	480.9	52.4	11.0	0.8	13.2
SIDI AISSA	Irvine	11/2/2000	10	44.1	48.3	0.9	540.8	54.1	6.0	2.0	26.0	188.0	BR. ORANGE	276.5	51.1	11.3	1.2	9.3
SIDI AISSA	Irvine	11/2/2000	10	41.4	46.6	0.9	469.5	47.0	5.5	2.0	27.0	110.0	BR. ORANGE	240.3	51.2	11.1	1.3	8.7
SIDI AISSA	Riverside	11/20/2000	10	56.7	63.5	0.9	1132.7	113.3	12.0	3.5	42.0	114.0	LT. ORANGE	494.3	43.6	11.9	0.7	16.1
SIDI AISSA	Riverside	11/20/2000	10	58.1	60.4	1.0	1059.7	106.0	11.5	3.0	36.0	59.0	LT. ORANGE	547.0	51.6	11.5	0.7	16.4
SIDI AISSA	Irvine	11/20/2000	10	47.5	51.3	0.9	635.4	63.5	11.0	3.0	27.0	270.0	DK. ORANGE	309.1	48.6	11.8	1.1	10.3

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)
SIDI AISSA	Irvine	11/20/2000	10	45.3	50.3	0.9	603.9	60.4	11.5	2.0	24.0	132.0	BR. ORANGE	311.1	51.5	11.5	1.1	10.5
SIDI AISSA	Riverside	12/10/2000	10	60.4	54.3	1.1	952.1	95.2	12.0	4.5	39.0	92.0	MED.-BR. OR	412.3	43.3	12.6	0.7	18.3
SIDI AISSA	Riverside	12/10/2000	10	64.3	60.7	1.1	1193.2	119.3	12.0	3.5	43.0	95.0	MED.-BR. OR	446.8	37.4	12.5	0.7	17.2
SIDI AISSA	Irvine	12/12/2000	10	46.6	53.6	0.9	702.1	70.2	12.0	2.0	31.0	244.0	BR. ORANGE	347.4	49.5	11.9	1.0	11.5
SIDI AISSA	Irvine	12/12/2000	10	47.8	53.1	0.9	688.6	68.9	11.5	2.0	31.0	196.0	BR. ORANGE	332.3	48.3	12.5	1.1	11.5
SIDI AISSA	Riverside	10/28/2001	10	46.2	47.6	1.0	559.2	55.9	5.0	2.0	32.0	96.0	MED. ORANGE	255.3	45.7	10.4	1.0	10.5
SIDI AISSA	Riverside	10/28/2001	10	44.7	46.5	1.0	522.6	52.3	4.5	2.0	29.0	80.0	MED. ORANGE	240.8	46.1	11.0	1.1	10.0
SIDI AISSA	Riverside	11/16/2001	10	48.7	52.0	0.9	722.1	72.2	8.0	4.5	32.0	75.0	LT. ORANGE	314.7	43.6	11.2	0.8	13.9
SIDI AISSA	Riverside	11/16/2001	10	44.5	46.7	1.0	524.0	52.4	8.5	3.0	26.0	66.0	MED. ORANGE	237.8	45.4	11.7	0.9	13.6
SIDI AISSA	Irvine	11/16/2001	10	57.9	59.3	1.0	982.3	98.2	5.0	3.0	49.0	70.0	MED. ORANGE	431.6	43.9	11.3	0.9	12.3
SIDI AISSA	Irvine	12/7/2001	10	56.3	62.5	0.9	1130.2	113.0	11.5	3.0	34.0	126.0	BR. ORANGE	554.9	49.1	12.0	0.7	17.6
SIDI AISSA	Riverside	12/12/2001	10	52.6	57.9	0.9	897.1	89.7	12.0	3.5	37.0	160.0	BR. ORANGE	406.6	45.3	11.7	0.8	14.5
SIDI AISSA	Riverside	12/12/2001	10	51.8	57.9	0.9	866.9	86.7	12.0	3.5	38.0	134.0	BR. ORANGE	425.1	49.0	11.6	0.8	14.6
SIDI AISSA	Riverside	10/24/2002	10	42.3	40.9	1.0	465.6	46.6	4.0	2.5	22.0	101.0	MED. ORANGE	207.7	44.6	10.4	1.3	8.1
SIDI AISSA	Riverside	10/24/2002	10	49.5	47.0	1.1	589.1	58.9	4.0	3.0	28.0	95.0	MED. ORANGE	241.7	41.0	9.9	1.4	7.1