

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)
OKITSU WASE	Riverside	9/26/1995	10	37.4	43.2	0.9	378.9	37.9	4.0	1.5	25.0	9.0	LT. OR./ BR. OR.	152.8	40.3	12.2	0.8	14.8
OKITSU WASE	Riverside	9/26/1995	10	34.2	41.1	0.8	323.7	32.4	4.0	1.0	17.0	0.0	LT. OR./ BR. OR.	160.3	49.5	12.1	0.8	14.6
OKITSU WASE	Riverside	10/17/1995	10	38.4	47.2	0.8	422.2	42.2	6.0	2.0	22.0	3.0	LIGHT ORANGE	180.3	42.7	12.7	0.8	15.8
OKITSU WASE	Riverside	10/17/1995	10	37.2	44.7	0.8	418.7	41.9	6.0	2.0	21.0	4.0	LIGHT ORANGE	175.9	42.0	13.2	0.8	16.3
OKITSU WASE	Riverside	11/7/1995	10	38.0	46.9	0.8	432.2	43.2	7.0	3.0	22.0	11.0	BRIGHT ORANGE	193.6	44.8	13.9	0.8	17.7
OKITSU WASE	Riverside	11/7/1995	10	40.7	49.6	0.8	521.0	52.1	8.4	3.0	24.0	10.0	BRIGHT ORANGE	240.0	46.1	14.2	0.8	17.8
OKITSU WASE	Lindcove	11/10/1995	10	48.8	63.3	0.8	1004.4	100.4	11.0	3.0	31.0	0.0	BRIGHT ORANGE	488.2	48.6	11.7	0.8	14.6
OKITSU WASE	Lindcove	11/10/1995	10	55.3	56.4	1.0	1256.9	125.7	11.0	3.0	41.0	10.0	BRIGHT ORANGE	557.2	44.3	10.8	0.7	16.6
OKITSU WASE	Lindcove	11/10/1995	10	51.0	64.5	0.8	1146.0	114.6	11.0	3.0	29.0	0.0	BRIGHT ORANGE	604.0	52.7	10.5	0.8	13.8
OKITSU WASE	Lindcove	11/10/1995	10	52.5	56.6	0.9	1247.9	124.8	11.0	3.0	36.0	0.0	BRIGHT ORANGE	572.9	45.9	9.6	0.7	14.0
OKITSU WASE	Riverside	11/30/1995	10	37.1	46.5	0.8	421.9	42.2	12.0	3.5	26.0	5.0	BRIGHT ORANGE	195.9	46.4	14.3	0.7	20.7
OKITSU WASE	Riverside	11/30/1995	10	38.6	47.3	0.8	461.2	46.1	12.0	3.5	23.0	1.0	BRIGHT ORANGE	422.5	91.6	14.7	0.7	21.8
OKITSU WASE	Lindcove	12/14/1995	10	54.3	62.5	0.9	1055.6	105.6	12.0	5.0	33.0	1.0	BRIGHT ORANGE	484.9	45.9	10.8	0.9	12.3
OKITSU WASE	Lindcove	12/14/1995	10	62.3	73.9	0.8	1501.2	150.1	12.0	5.0	39.0	0.0	LT.-BR. OR	578.5	38.5	10.5	0.6	18.9
OKITSU WASE	Lindcove	12/14/1995	10	51.8	60.8	0.9	934.3	93.4	11.0	3.5	32.0	0.0	BRIGHT ORANGE	445.7	47.7	11.0	0.9	12.7
OKITSU WASE	Lindcove	12/14/1995	10	51.1	61.0	0.8	1025.0	102.5	11.0	3.5	28.0	3.0	BRIGHT ORANGE	513.3	50.1	11.4	0.8	15.1
OKITSU WASE	Riverside	10/1/1996	10	62.4	59.5	1.0	1040.8	104.1	4.0	2.5	35.0	11.0	BRIGHT ORANGE	422.0	40.5	9.2	1.1	8.5
OKITSU WASE	Riverside	10/1/1996	10	57.1	59.9	1.0	872.4	87.2	4.0	2.0	34.0	7.0	BRIGHT ORANGE	381.9	43.8	9.6	0.8	11.4
OKITSU WASE	Lindcove	10/2/1996	10	60.3	63.7	0.9	1219.5	122.0	4.0	2.5	45.0	4.0	MEDIUM ORANGE	578.2	47.4	8.7	1.0	9.0
OKITSU WASE	Lindcove	10/2/1996	10	62.2	66.2	0.9	1329.2	132.9	4.0	2.5	40.0	1.0	MEDIUM ORANGE	585.3	44.0	7.8	0.8	10.4
OKITSU WASE	Lindcove	10/16/1996	10	63.7	68.9	0.9	1415.3	141.5	4.5	3.5	47.0	1.0	MEDIUM ORANGE	586.6	41.4	9.2	0.6	14.7
OKITSU WASE	Lindcove	10/16/1996	10	66.0	69.4	1.0	1465.5	146.6	4.5	3.5	45.0	2.0	MEDIUM ORANGE	593.5	40.5	7.8	0.6	14.7
OKITSU WASE	Riverside	10/16/1996	10	65.4	61.9	1.1	1199.5	120.0	4.0	2.5	36.0	7.0	BRIGHT ORANGE	576.6	48.1	9.3	0.8	11.1
OKITSU WASE	Riverside	10/16/1996	10	60.6	61.1	1.0	1097.4	109.7	4.5	2.5	37.0	17.0	BRIGHT ORANGE	527.5	48.1	9.6	0.7	14.2
OKITSU WASE	Riverside	11/6/1996	10	72.5	70.9	1.0	1711.1	171.1	4.7	3.0	39.0	11.0	MEDIUM ORANGE	817.0	47.7	9.3	0.5	17.2
OKITSU WASE	Riverside	11/6/1996	10	62.5	64.1	1.0	1209.8	121.0	6.5	3.5	42.0	5.0	ORANGE	587.3	48.5	9.8	0.6	17.3
OKITSU WASE	Riverside	9/30/1997	10	46.7	52.5	0.9	638.8	63.9	4.5	2.0	35.0	14.0	BRIGHT ORANGE	349.6	54.7	11.7	0.7	17.1
OKITSU WASE	Riverside	9/30/1997	10	50.8	53.3	1.0	710.2	71.0	4.5	2.0	28.0	12.0	BRIGHT ORANGE	362.6	51.1	11.0	0.7	16.6
OKITSU WASE	Lindcove	10/3/1997	9	58.5	59.6	1.0	1275.5	141.7	4.0	2.5	32.0	1.0	MEDIUM ORANGE	641.4	50.3	6.6	0.8	7.9
OKITSU WASE	Lindcove	10/3/1997	9	59.6	62.3	1.0	1381.4	153.5	4.0	2.5	31.0	5.0	MEDIUM ORANGE	682.2	49.4	7.8	0.7	11.1
OKITSU WASE	Lindcove	10/20/1997	10	69.9	68.8	1.0	1569.9	157.0	5.0	2.5	39.0	3.0	BRIGHT ORANGE	678.6	43.2	7.0	0.6	12.0
OKITSU WASE	Lindcove	10/20/1997	10	68.0	70.9	1.0	1670.5	167.1	5.0	2.5	40.0	6.0	BRIGHT ORANGE	786.4	47.1	7.5	0.6	13.4
OKITSU WASE	Riverside	10/20/1997	10	47.5	54.6	0.9	740.3	74.0	5.5	2.0	33.0	21.0	BRIGHT ORANGE	365.9	49.4	12.3	0.6	19.4
OKITSU WASE	Riverside	10/20/1997	10	53.4	57.3	0.9	887.1	88.7	5.3	2.0	32.0	6.0	BRIGHT ORANGE	436.2	49.2	11.1	0.5	21.7
OKITSU WASE	Riverside	11/3/1997	10	48.9	53.3	0.9	685.4	68.5	8.5	2.0	32.0	10.0	BRIGHT ORANGE	320.3	46.7	12.0	0.6	20.0
OKITSU WASE	Riverside	11/3/1997	10	54.8	57.0	1.0	880.0	88.0	11.5	2.5	31.0	13.0	BRIGHT ORANGE	455.3	51.7	11.4	0.5	21.5
OKITSU WASE	Lindcove	11/6/1997	10	73.1	71.8	1.0	1679.3	167.9	5.2	3.5	49.5	6.0	BRIGHT ORANGE	628.5	37.4	7.9	0.7	11.7
OKITSU WASE	Lindcove	11/6/1997	10	72.4	75.7	1.0	1856.4	185.6	5.5	3.0	51.0	18.0	BRIGHT ORANGE	780.4	42.0	8.9	0.6	16.2

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OKITSU WASE	Lindcove	9/28/1998	10	52.1	58.1	0.9	943.6	94.4	4.0	2.0	28.0	2.0	LT.-BR. OR	467.1	49.5	8.1	1.8	4.6
OKITSU WASE	Lindcove	9/28/1998	10	51.8	55.9	0.9	867.7	86.8	4.0	2.0	30.0	0.0	LT.-BR. OR	409.1	47.1	8.2	1.7	4.8
OKITSU WASE	Riverside	10/1/1998	10	45.4	49.1	0.9	552.9	55.3	3.8	2.2	22.0	10.0	MEDIUM ORANGE	247.6	44.8	10.6	1.1	9.5
OKITSU WASE	Riverside	10/1/1998	10	43.8	48.2	0.9	544.3	54.4	4.2	2.0	20.0	3.0	MEDIUM ORANGE	274.2	50.4	10.3	1.1	9.1
OKITSU WASE	Irvine	10/1/1998	10	45.2	58.0	0.8	805.4	80.5	4.5	1.8	29.0	1.0	BRIGHT ORANGE	390.4	48.5	7.9	1.1	7.4
OKITSU WASE	Irvine	10/1/1998	10	49.0	60.8	0.8	943.6	94.4	4.2	1.8	30.0	2.0	BRIGHT ORANGE	453.8	48.1	8.6	1.1	8.1
OKITSU WASE	Coachella	10/5/1998	5	33.5	34.3	1.0	798.8	159.8	4.0	4.0	23.0	3.0	MEDIUM ORANGE	295.5	37.0	8.6	0.5	13.1
OKITSU WASE	Lindcove	10/12/1998	10	56.0	61.5	0.9	1162.0	116.2	4.5	2.2	29.0	7.0	BRIGHT ORANGE	592.1	51.0	8.3	1.6	5.1
OKITSU WASE	Lindcove	10/12/1998	10	51.9	57.8	0.9	907.8	90.8	4.3	2.2	27.0	2.0	BRIGHT ORANGE	473.0	52.1	8.8	1.4	6.1
OKITSU WASE	Riverside	10/15/1998	10	45.6	51.4	0.9	643.4	64.3	4.2	2.5	24.0	11.0	BRIGHT ORANGE	318.2	49.5	9.9	0.9	10.6
OKITSU WASE	Riverside	10/15/1998	10	43.0	50.5	0.9	599.5	60.0	5.0	3.0	23.0	3.0	BRIGHT ORANGE	308.1	51.4	10.3	0.8	12.3
OKITSU WASE	Irvine	10/15/1998	10	49.6	63.4	0.8	1079.7	108.0	4.6	2.0	31.0	0.0	BRIGHT ORANGE	548.9	50.8	9.1	1.0	9.5
OKITSU WASE	Irvine	10/15/1998	10	50.4	60.8	0.8	961.9	96.2	4.5	2.0	33.0	1.0	BRIGHT ORANGE	497.7	51.7	9.1	0.9	10.4
OKITSU WASE	Lindcove	11/2/1998	10	60.9	67.5	0.9	1490.2	149.0	4.7	2.5	38.0	1.0	BRIGHT ORANGE	703.4	47.2	9.6	0.9	11.1
OKITSU WASE	Lindcove	11/2/1998	10	58.2	64.9	0.9	1247.5	124.8	5.0	2.5	34.5	7.0	BRIGHT ORANGE	627.2	50.3	9.1	0.9	10.6
OKITSU WASE	Riverside	11/6/1998	10	46.3	54.6	0.8	760.4	76.0	5.5	3.0	22.0	5.0	BRIGHT ORANGE	386.1	50.8	10.9	0.7	15.0
OKITSU WASE	Riverside	11/6/1998	10	48.2	54.7	0.9	746.6	74.7	5.7	3.0	27.0	6.0	BRIGHT ORANGE	387.0	51.8	9.1	0.6	15.4
OKITSU WASE	Irvine	11/6/1998	10	55.1	72.1	0.8	1536.4	153.6	6.0	3.5	36.0	3.0	BRIGHT ORANGE	755.1	49.1	9.5	0.9	10.9
OKITSU WASE	Irvine	11/6/1998	10	51.5	65.2	0.8	1158.4	115.8	8.0	4.0	38.0	0.0	BRIGHT ORANGE	584.3	50.4	8.7	0.6	13.8
OKITSU WASE	Irvine	10/7/1999	10	34.4	44.4	0.8	374.1	37.4	5.0	2.0	17.0	1.0	BRIGHT ORANGE	186.1	49.7	10.7	1.6	6.7
OKITSU WASE	Irvine	10/7/1999	10	37.5	46.3	0.8	430.8	43.1	5.0	2.0	21.0	0.0	MED.-BR. OR	218.9	50.8	10.2	1.3	7.7
OKITSU WASE	Lindcove	10/11/1999	10	52.1	59.5	0.9	968.5	96.9	3.0	4.0	27.0	3.0	MEDIUM ORANGE	456.8	47.2	9.4	1.0	9.0
OKITSU WASE	Lindcove	10/11/1999	10	51.9	55.8	0.9	835.8	83.6	2.5	4.5	24.0	0.0	MED.-BR. OR.	419.1	50.1	9.8	1.0	9.7
OKITSU WASE	Coachella	10/13/1999	7	41.8	41.1	1.0	731.8	104.5	3.0	4.0	30.0	2.0	YEL. ORANGE	230.4	31.5	6.0	0.5	11.5
OKITSU WASE	Irvine	10/28/1999	10	36.4	47.3	0.8	444.0	44.4	6.0	2.0	25.0	3.0	BRIGHT ORANGE	231.3	52.1	10.6	1.2	9.1
OKITSU WASE	Irvine	10/28/1999	10	39.5	50.4	0.8	530.9	53.1	5.5	2.0	26.0	3.0	BRIGHT ORANGE	271.9	51.2	10.2	1.1	9.6
OKITSU WASE	Lindcove	11/1/1999	10	60.5	65.3	0.9	1268.0	126.8	5.0	4.0	41.0	1.0	BRIGHT ORANGE	632.4	49.9	10.0	0.8	13.3
OKITSU WASE	Lindcove	11/1/1999	10	62.2	64.2	1.0	1246.0	124.6	5.5	3.5	40.0	0.0	BRIGHT ORANGE	633.6	50.9	10.5	0.8	13.9
OKITSU WASE	Irvine	11/29/1999	10	37.6	51.4	0.7	533.3	53.3	11.0	2.0	22.0	9.0	BRIGHT ORANGE	267.1	50.1	10.9	1.0	10.9
OKITSU WASE	Irvine	11/29/1999	10	41.7	54.3	0.8	650.1	65.0	11.0	2.0	20.0	9.0	BRIGHT ORANGE	328.8	50.6	11.4	0.9	12.4
OKITSU WASE	Lindcove	12/2/1999	10	70.3	76.5	0.9	1862.7	186.3	11.5	3.5	57.0	9.0	BRIGHT ORANGE	759.0	40.7	10.7	0.6	17.9
OKITSU WASE	Lindcove	12/2/1999	10	65.7	67.8	1.0	1417.4	141.7	11.5	3.0	43.0	1.0	BRIGHT ORANGE	616.0	43.5	11.3	0.6	17.9
OKITSU WASE	Riverside	9/27/2000	10	47.4	50.9	0.9	618.6	61.9	5.0	1.5	19.0	14.0	MED.-BR. OR.	309.0	50.0	11.6	0.9	12.7
OKITSU WASE	Riverside	9/27/2000	10	46.4	48.3	1.0	523.4	52.3	5.0	1.5	24.0	5.0	MED.-BR. OR.	262.6	50.2	11.6	0.1	11.6
OKITSU WASE	Irvine	9/28/2000	10	60.1	66.5	0.9	1302.8	130.3	4.0	2.5	29.0	14.0	MED.-BR. OR.	650.7	49.9	7.1	1.1	1.5
OKITSU WASE	Irvine	9/28/2000	10	53.3	59.4	0.9	951.0	95.1	4.0	2.5	28.0	15.0	MED.-BR. OR.	496.0	52.2	8.2	1.2	7.1
OKITSU WASE	Riverside	10/12/2000	10	51.1	56.6	0.9	817.4	81.7	5.5	2.0	24.0	8.0	BRIGHT ORANGE	421.6	51.6	12.1	0.8	14.7

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OKITSU WASE	Riverside	10/12/2000	10	53.1	56.7	0.9	840.0	84.0	5.0	1.5	24.0	12.0	BRIGHT ORANGE	444.1	52.9	11.4	0.8	15.1
OKITSU WASE	Irvine	10/13/2000	10	54.0	61.5	0.9	1011.5	101.2	4.5	2.0	25.0	13.0	BRIGHT ORANGE	565.0	55.9	8.7	0.9	9.6
OKITSU WASE	Riverside	10/31/2000	10	54.4	57.6	0.9	895.8	89.6	10.5	2.0	29.0	11.0	DARK ORANGE	385.4	43.0	13.4	0.7	18.3
OKITSU WASE	Riverside	10/31/2000	10	51.2	56.8	0.9	844.4	84.4	8.5	2.5	24.0	11.0	BR.-DK. OR.	419.8	49.7	13.3	0.7	18.3
OKITSU WASE	Irvine	11/2/2000	10	61.3	72.9	0.8	1661.0	166.1	6.0	1.5	30.0	9.0	MED.-BR. OR.	887.6	53.4	8.3	0.7	12.6
OKITSU WASE	Irvine	11/2/2000	10	54.3	64.4	0.8	1135.1	113.5	6.0	1.5	26.0	16.0	MED.-BR. OR.	599.5	52.8	9.7	0.7	13.0
OKITSU WASE	Riverside	11/20/2000	10	51.7	57.0	0.9	820.5	82.1	11.5	2.0	27.0	9.0	BRIGHT ORANGE	393.2	47.9	13.9	0.7	18.9
OKITSU WASE	Riverside	11/20/2000	10	52.1	55.3	0.9	776.5	77.7	11.5	2.0	26.0	10.0	BRIGHT ORANGE	389.6	50.2	13.7	0.7	19.4
OKITSU WASE	Irvine	11/20/2000	10	66.0	76.0	0.9	1863.2	186.3	11.0	2.0	31.0	17.0	MEDIUM ORANGE	880.7	47.3	8.6	0.6	14.0
OKITSU WASE	Irvine	11/20/2000	10	55.8	65.6	0.9	1206.3	120.6	11.0	1.5	33.0	29.0	MEDIUM ORANGE	553.8	45.9	10.1	0.7	15.1
OKITSU WASE	Riverside	10/8/2001	10	45.0	51.7	0.9	629.9	63.0	4.0	1.5	26.0	2.0	MED.-BR. OR.	286.1	45.4	11.7	0.8	14.2
OKITSU WASE	Riverside	10/8/2001	10	47.0	55.2	0.9	760.1	76.0	3.5	1.5	24.0	7.0	BRIGHT ORANGE	377.1	49.6	11.5	1.0	12.0
OKITSU WASE	Riverside	10/28/2001	10	46.4	56.3	0.8	740.5	74.1	6.0	2.0	33.0	4.0	OR.	294.7	39.8	12.3	0.7	17.9
OKITSU WASE	Riverside	10/28/2001	10	49.4	61.8	0.8	933.6	93.4	5.0	2.5	43.0	2.0	OR.	398.9	42.7	10.8	0.6	17.4
OKITSU WASE	Riverside	11/16/2001	10	45.8	55.7	0.8	724.4	72.4	11.0	3.0	28.0	1.0	BRIGHT ORANGE	310.2	42.8	12.7	0.7	17.9
OKITSU WASE	Riverside	11/16/2001	10	52.0	61.6	0.8	951.6	95.2	10.0	3.0	38.0	10.0	BRIGHT ORANGE	463.9	48.7	12.2	0.6	19.7
OKITSU WASE	Riverside	9/26/2002	6	26.9	29.2	0.9	258.0	43.0	4.0	2.0	14.0	3.0	LT.-MED. OR			9.4	1.3	7.2
OKITSU WASE	Riverside	9/26/2002	6	25.0	27.9	0.9	323.6	53.9	4.0	1.5	12.0	3.0	GR.-LT. OR.	158.6	49.0	10.4	1.0	10.5
OKITSU WASE	Riverside	10/22/2002	10	48.7	52.7	0.9	697.4	69.7	5.0	2.0	28.0	2.0	ORANGE	342.8	49.2	10.2	0.8	13.3
OKITSU WASE	Riverside	10/22/2002	10	46.1	53.1	0.9	664.7	66.5	5.5	2.0	30.0	7.0	ORANGE	322.8	48.6	10.4	0.6	17.8
OKITSU WASE	Riverside	11/19/2002	10	50.6	54.2	0.9	787.9	78.8	11.0	2.0	26.0	8.0	BRIGHT ORANGE	370.3	47.0	12.3	0.7	17.3
OKITSU WASE	Riverside	11/19/2002	10	49.7	59.1	0.8	873.8	87.4	11.5	2.5	27.0	8.0	BRIGHT ORANGE	450.3	51.5	11.7	0.6	18.8
OKITSU WASE	Riverside	10/6/2003	10	45.9	48.8	0.9	545.9	54.6	4.5	2.0	32.0	3.0	LT. GR. OR.	247.7	45.4	NA	NA	NA
OKITSU WASE	Riverside	10/6/2003	10	49.5	52.6	0.9	674.1	67.4	4.5	2.5	38.0	1.0	LT. GR. OR.	306.0	45.4	NA	NA	NA
OKITSU WASE	Riverside	10/6/2003	10	45.9	48.8	0.9	545.9	54.6	4.5	2.0	34.0	3.0	LT. GR. OR.	247.7	45.4	NA	NA	NA
OKITSU WASE	Riverside	10/6/2003	10	49.5	52.6	0.9	674.1	67.4	4.5	2.5	38.0	1.0	LT. GR. OR.	306.0	45.4	NA	NA	NA
OKITSU WASE	Riverside	10/27/2003	10	46.4	51.9	0.9	650.6	65.1	5.0	2.0	31.0	2.0	BRIGHT ORANGE	278.2	42.8	NA	NA	NA
OKITSU WASE	Riverside	10/27/2003	10	50.5	53.8	0.9	709.0	70.9	4.5	2.5	31.0	0.0	BRIGHT ORANGE	279.8	39.5	NA	NA	NA
OKITSU WASE	Riverside	11/17/2003	10	48.2	54.5	0.9	720.5	72.1	8.2	2.0	37.0	1.0	DARK ORANGE	293.2	40.7	NA	NA	NA
OKITSU WASE	Riverside	11/17/2003	10	51.1	57.4	0.9	806.6	80.7	7.5	3.0	94.0	4.0	BRIGHT ORANGE	354.1	43.9	NA	NA	NA
OKITSU WASE	Riverside	9/20/2004	10	62.5	51.7	1.2	673.1	67.3	4.0	2.5	23.0	14.0	BRIGHT ORANGE	319.9	47.5	9.2	1.3	7.1
OKITSU WASE	Riverside	9/20/2004	10	52.9	51.3	1.0	671.1	67.1	4.0	2.0	26.0	6.0	ORANGE	306.5	45.7	8.7	1.8	5.0
OKITSU WASE	Riverside	10/25/2004	10	71.0	66.4	1.1	1357.4	135.7	5.0	3.5	41.0	28.0	BRIGHT ORANGE	549.7	40.5	9.6	0.9	11.3
OKITSU WASE	Riverside	10/25/2004	10	69.5	66.8	1.0	1387.0	138.7	4.5	3.0	35.0	7.0	BRIGHT ORANGE	620.2	44.7	9.1	1.0	9.2
OKITSU WASE	Riverside	11/15/2004	10	61.5	63.4	1.0	1126.3	112.6	11.0	2.5	32.0	14.0	BRIGHT ORANGE	491.9	43.7	10.9	0.7	15.8

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)
OKITSU WASE	Riverside	11/15/2004	10	59.9	61.1	1.0	1055.8	105.6	11.0	2.0	38.0	7.0	BRIGHT ORANGE	474.8	45.0	10.3	0.7	15.3
OKITSU WASE	Irvine	11/17/2004	10	64.9	79.2	0.8	1994.2	199.4	11.5	2.0	44.0	13.0	BRIGHT ORANGE	912.3	45.7	9.8	0.7	0.7
OKITSU WASE	Irvine	11/17/2004	10	53.8	69.4	0.8	1260.2	126.0	11.5	2.0	38.0	9.0	BRIGHT ORANGE	570.2	45.2	8.4	0.7	0.7
OKITSU WASE	Riverside	10/3/2005	10	40.9	45.8	0.9	440.9	44.1	5.0	3.0	31.0	14.0	BRIGHT ORANGE	171.9	39.0	13.2	1.1	11.7
OKITSU WASE	Riverside	10/3/2005	10	40.5	47.5	0.9	466.4	46.6	5.0	2.0	24.0	7.0	BRIGHT ORANGE	198.2	42.5	13.5	1.1	12.2
OKITSU WASE	Irvine	10/4/2005	10	39.6	54.6	0.7	620.9	62.1	5.5	2.0	21.0	1.0	BRIGHT ORANGE	302.6	48.7	8.9	1.2	7.3
OKITSU WASE	Irvine	10/4/2005	10	44.8	61.2	0.7	860.8	86.1	5.5	2.0	20.0	0.0	BRIGHT ORANGE	389.4	45.2	8.9	1.0	8.8
OKITSU WASE	Lindcove	10/6/2005	10	42.2	46.7	0.9	473.3	47.3	5.0	2.5	30.0	8.0	BRIGHT ORANGE	212.6	44.9	NA	NA	NA
OKITSU WASE	Lindcove	10/6/2005	10	44.6	49.4	0.9	559.4	55.9	4.5	2.5	29.0	1.0	BRIGHT ORANGE	280.8	50.2	NA	NA	NA
OKITSU WASE	Lindcove	10/6/2005	10	42.2	46.7	0.9	473.3	47.3	5.0	2.5	30.0	8.0	BRIGHT ORANGE	212.6	44.9	13.5	1.6	8.4
OKITSU WASE	Lindcove	10/6/2005	10	44.6	49.4	0.9	559.4	55.9	4.5	2.5	29.0	1.0	BRIGHT ORANGE	280.8	50.2	12.5	1.6	7.8
OKITSU WASE	Lindcove	10/20/2005	10	46.3	50.1	0.9	581.5	58.2	7.0	2.5	35.0	0.0	BRIGHT ORANGE	210.5	36.2	14.5	1.4	10.3
OKITSU WASE	Lindcove	10/20/2005	10	46.7	51.7	0.9	643.9	64.4	6.5	2.0	36.0	7.0	BRIGHT ORANGE	270.9	42.1	13.9	1.5	9.4
OKITSU WASE	Riverside	10/24/2005	10	44.3	50.7	0.9	568.1	56.8	6.5	3.0	33.0	22.0	BRIGHT ORANGE	238.1	41.9	12.6	0.9	14.3
OKITSU WASE	Riverside	10/24/2005	10	42.5	49.9	0.9	558.5	55.9	10.0	3.5	35.0	24.0	BRIGHT ORANGE	255.2	45.7	14.6	1.0	14.3
OKITSU WASE	Irvine	10/27/2005	10	40.6	56.5	0.7	748.9	74.9	7.0	3.0	34.0	0.0	ORANGE	331.2	44.2	8.0	1.0	8.4
OKITSU WASE	Irvine	10/27/2005	10	37.2	52.7	0.7	572.7	57.3	7.0	2.0	25.0	2.0	ORANGE	283.4	49.5	9.0	1.2	7.8
OKITSU WASE	Riverside	11/14/2005	10	47.9	55.4	0.9	737.8	73.8	9.0	3.0	32.0	24.0	BRIGHT ORANGE	320.1	43.4	14.7	0.9	17.8
OKITSU WASE	Riverside	11/14/2005	10	44.4	52.8	0.8	632.6	63.3	9.5	2.0	27.0	23.0	BRIGHT ORANGE	280.0	44.3	14.8	0.8	18.2
OKITSU WASE	Irvine	11/15/2005	10	43.2	57.6	0.8	764.2	76.4	7.0	2.5	29.0	3.0	BRIGHT ORANGE	338.8	44.3	9.2	0.9	10.0
OKITSU WASE	Irvine	11/15/2005	10	37.9	53.9	0.7	588.3	58.8	11.0	2.5	32.0	0.0	BRIGHT ORANGE	273.5	46.5	9.6	1.2	7.9
OKITSU WASE	Lindcove	11/18/2005	10	44.3	55.1	0.8	581.6	58.2	11.0	3.0	34.0	8.0	BRIGHT ORANGE	235.1	40.4	NA	NA	NA
OKITSU WASE	Lindcove	11/18/2005	10	51.4	54.9	0.9	711.5	71.2	10.5	2.0	42.0	0.0	BRIGHT ORANGE	274.1	38.5	NA	NA	NA
OKITSU WASE	Lindcove	11/18/2005	10	44.3	55.1	0.8	581.6	58.2	11.0	3.0	34.0	8.0	BRIGHT ORANGE	235.1	40.4	15.8	1.4	11.4
OKITSU WASE	Lindcove	11/18/2005	10	51.4	54.9	0.9	711.5	71.2	10.5	2.0	42.0	0.0	BRIGHT ORANGE	247.1	34.7	15.4	1.1	14.2
OKITSU WASE	Riverside	10/2/2006	10	48.6	52.5	0.9	654.1	65.4	4.5	2.0	30.0	12.0	ORANGE	297.2	45.4	12.3	1.1	11.1
OKITSU WASE	Riverside	10/2/2006	10	49.3	55.3	0.9	725.4	72.5	4.5	2.5	36.0	12.0	ORANGE	343.9	47.4	11.8	1.1	11.0
OKITSU WASE	Lindcove	10/2/2006	10	54.4	56.3	1.0	812.8	81.3	4.0	3.5	39.0	9.0	ORANGE	344.7	42.4	13.8	1.9	7.3
OKITSU WASE	Lindcove	10/2/2006	10	50.9	54.4	0.9	703.9	70.4	4.5	3.5	41.0	1.0	ORANGE	302.1	42.9	13.3	1.5	8.9
OKITSU WASE	Lindcove	10/17/2006	10	53.8	56.5	1.0	819.9	82.0	6.5	4.0	34.0	7.0	BRIGHT ORANGE	362.7	44.2	15.1	1.5	10.3
OKITSU WASE	Lindcove	10/17/2006	10	50.5	53.0	1.0	687.8	68.8	6.0	3.5	34.0	0.0	BRIGHT ORANGE	297.8	43.3	15.3	1.3	11.9
OKITSU WASE	Riverside	10/23/2006	10	49.8	54.6	0.9	746.0	74.6	6.5	2.5	27.0	14.0	BRIGHT ORANGE	517.7	69.4	10.9	0.7	16.5
OKITSU WASE	Riverside	10/23/2006	10	49.0	56.1	0.9	786.3	78.6	6.5	2.5	32.0	9.0	BRIGHT ORANGE	544.7	69.3	10.3	0.7	14.9
OKITSU WASE	Irvine	10/26/2006	10	53.2	70.7	0.8	1447.5	144.8	6.5	3.0	30.0	1.0	BRIGHT ORANGE	765.1	52.9	10.6	1.2	9.1
OKITSU WASE	Irvine	10/26/2006	9	53.6	70.4	0.8	1399.7	155.5	8.0	2.5	28.0	1.0	BRIGHT ORANGE	698.2	49.9	10.1	1.0	9.8

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OKITSU WASE	Riverside	11/13/2006	10	48.4	54.7	0.9	705.8	70.6	11.0	3.0	30.0	17.0	BRIGHT ORANGE	327.6	46.4	10.9	0.7	15.6
OKITSU WASE	Riverside	11/13/2006	10	49.4	56.6	0.9	758.2	75.8	10.5	3.0	35.0	16.0	BRIGHT ORANGE	350.4	46.2	11.4	0.7	15.5
OKITSU WASE	Irvine	11/13/2006	10	49.4	66.1	0.7	1089.2	108.9	7.0	2.0	24.0	1.0	BRIGHT ORANGE	566.5	52.0	9.6	0.8	12.7
OKITSU WASE	Irvine	11/13/2006	5	30.5	38.2	0.8	983.0	98.3	7.0	2.0	20.0	0.0	BRIGHT ORANGE	457.7	46.6	9.1	0.7	14.1
OKITSU WASE	Lindcove	11/16/2006	10	54.8	57.3	1.0	821.0	82.1	8.5	3.5	25.0	7.0	BRIGHT ORANGE	166.5	20.3	15.7	1.2	13.0
OKITSU WASE	Lindcove	11/16/2006	10	53.7	54.6	1.0	716.7	71.7	9.0	3.5	29.0	5.0	BRIGHT ORANGE	143.1	20.0	16.2	1.2	13.3
OKITSU WASE	Riverside	10/1/2007	10	57.8	57.5	1.0	886.5	88.7	4.5	3.5	30.0	13.0	BRIGHT ORANGE	368.6	41.6	9.8	1.1	9.0
OKITSU WASE	Riverside	10/1/2007	10	56.0	55.2	1.0	795.4	79.5	4.5	3.5	24.0	19.0	BRIGHT ORANGE	292.0	36.7	8.8	1.3	6.8
OKITSU WASE	Lindcove	10/10/2007	10	55.9	58.2	1.0	902.5	90.3	5.5	2.5	33.0	5.0	BRIGHT ORANGE	379.4	42.0	9.1	1.2	8.0
OKITSU WASE	Lindcove	10/10/2007	10	55.9	54.5	1.0	778.2	77.8	6.0	2.5	34.0	9.0	BRIGHT ORANGE	382.6	49.2	12.8	1.2	10.4
OKITSU WASE	Riverside	10/22/2007	10	56.4	59.0	1.0	956.8	95.7	5.0	1.0	22.0	23.0	BRIGHT ORANGE	415.5	43.4	9.9	0.7	14.6
OKITSU WASE	Riverside	10/22/2007	10	54.2	58.2	0.9	897.3	89.7	5.0	1.0	27.0	16.0	BRIGHT ORANGE	456.6	50.9	9.6	0.7	14.2
OKITSU WASE	Lindcove	10/29/2007	10	55.0	57.4	1.0	868.9	86.9	7.0	2.0	31.0	2.0	BRIGHT ORANGE	373.6	43.0	12.7	0.8	15.9
OKITSU WASE	Lindcove	10/29/2007	10	56.5	58.3	1.0	925.2	92.5	6.5	2.5	30.0	3.0	BRIGHT ORANGE	420.1	45.4	12.7	0.8	16.5
OKITSU WASE	Riverside	11/13/2007	10	60.3	61.7	1.0	993.8	99.4	7.0	2.5	37.0	27.0	BRIGHT ORANGE	515.3	51.9	10.7	0.7	14.6
OKITSU WASE	Riverside	11/13/2007	10	55.8	59.7	0.9	930.0	93.0	6.0	2.5	29.0	16.0	BRIGHT ORANGE	618.1	66.5	NA	NA	NA
OKITSU WASE	Lindcove	11/15/2007	10	54.6	57.7	0.9	821.3	82.1	8.0	2.5	37.0	1.0	BRIGHT ORANGE	313.5	38.2	14.3	0.7	19.4
OKITSU WASE	Lindcove	11/15/2007	10	59.6	57.0	1.0	842.5	84.3	8.0	3.0	40.0	0.0	BRIGHT ORANGE	294.0	34.9	14.7	0.7	20.2
OKITSU WASE	Riverside	9/29/2008	10	52.9	56.5	0.9	851.5	85.2	3.7	1.5	23.0	5.0	BRIGHT ORANGE	393.3	46.2	10.0	0.8	12.4
OKITSU WASE	Riverside	9/29/2008	10	57.5	57.8	1.0	969.4	96.9	3.6	1.5	22.0	15.0	BRIGHT ORANGE	499.8	51.6	7.4	0.5	14.1
OKITSU WASE	Lindcove	9/29/2008	10	42.5	45.3	0.9	428.9	42.9	4.0	1.5	24.0	3.0	BRIGHT ORANGE	170.7	39.8	12.7	1.7	7.5
OKITSU WASE	Lindcove	9/29/2008	10	43.2	45.3	1.0	424.1	42.4	4.2	2.0	29.0	2.0	BRIGHT ORANGE	174.1	41.1	13.8	1.7	8.1
OKITSU WASE	Riverside	10/20/2008	10	57.7	61.2	0.9	1080.7	108.1	4.9	1.0	28.0	22.0	BRIGHT ORANGE	480.7	44.5	10.5	0.6	16.8
OKITSU WASE	Riverside	10/20/2008	10	62.5	64.4	1.0	1237.4	123.7	4.7	1.5	27.0	15.0	BRIGHT ORANGE	582.3	47.1	8.9	0.6	16.1
OKITSU WASE	Lindcove	10/20/2008	10	47.8	47.3	1.0	483.3	48.3	4.0	2.0	53.0	0.0	YELLOW	524.3	108.5	17.8	1.5	11.6
OKITSU WASE	Lindcove	10/20/2008	10	47.3	47.2	1.0	470.7	47.1	4.0	2.0	63.0	0.0	BRIGHT YELLOW	581.8	123.6	18.7	1.6	11.5
OKITSU WASE	Riverside	11/10/2008	10	57.9	62.5	0.9	1053.9	105.4	7.8	2.5	37.0	17.0	BRIGHT ORANGE	422.8	40.1	10.0	0.6	17.9
OKITSU WASE	Riverside	11/10/2008	10	62.1	63.5	1.0	1139.4	113.9	6.0	2.5	33.0	8.0	BRIGHT ORANGE	530.4	46.6	10.1	0.6	18.0
OKITSU WASE	Lindcove	11/10/2008	10	52.5	52.2	1.0	636.8	63.7	11.1	3.0	39.0	4.0	BRIGHT ORANGE	218.7	34.3	17.2	1.4	12.7
OKITSU WASE	Lindcove	11/10/2008	10	48.4	50.8	1.0	565.5	56.6	11.2	2.5	27.0	2.0	BRIGHT ORANGE	216.3	38.2	17.4	1.4	12.8