

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)
POWELL	Exeter	3/29/1999	6	46.3	46.8	1.0	1460.8	243.5	8.0	2.7	33.0	0.0	MED. ORANGE	735.7	50.4	12.8	0.7	19.3
POWELL	Exeter	3/29/1999	8	64.1	64.8	1.0	2145.7	268.2	8.0	2.5	41.0	0.0	MED. ORANGE	961.5	44.8	11.5	0.8	15.0
POWELL	Fillmore	3/29/1999	10	71.2	73.8	1.0	1939.4	193.9	9.0	1.5	44.0	0.0	MED. ORANGE	1052.0	54.2	NA	NA	NA
POWELL	Fillmore	3/29/1999	10	73.8	75.8	1.0	2174.3	217.4	7.5	2.0	45.0	0.0	MED. ORANGE	1165.4	53.6	NA	NA	NA
POWELL	Ojai	3/29/1999	10	74.5	74.7	1.0	1944.4	194.4	10.0	2.0	59.0	0.0	MED. ORANGE	906.0	46.6	10.3	0.9	12.1
POWELL	Ojai	3/29/1999	10	73.3	73.7	1.0	1870.3	187.0	10.0	2.0	51.0	0.0	MED. ORANGE	864.2	46.2	11.7	1.0	11.5
POWELL	Ojai	4/2/2004	10	78.1	78.9	1.0	2425.0	242.5	8.5	3.0	52.0	0.0	ORANGE	1315.9	57.9	NA	1.3	9.9
POWELL	Ojai	4/2/2004	10	81.3	81.2	1.0	2668.3	266.8	8.0	2.0	53.0	0.0	ORANGE	1403.3	54.3	NA	1.4	8.9
POWELL	Ojai	4/2/2004	10	85.5	86.2	1.0	3009.0	300.9	10.5	3.5	59.0	0.0	ORANGE	1449.7	48.2	NA	0.4	22.5
POWELL	Ojai	4/2/2004	10	80.4	85.3	0.9	2834.7	283.5	11.0	3.5	54.0	0.0	ORANGE	1325.8	46.8	NA	0.5	22.0
POWELL	Ojai	4/2/2004	10	86.6	88.5	1.0	3209.1	320.9	10.5	3.5	65.0	0.0	ORANGE	1550.9	48.3	NA	0.5	19.8
POWELL	Ojai	5/13/2004	10	80.7	78.2	1.0	2462.0	246.2	7.5	2.0	47.0	0.0	ORANGE	1303.6	52.9	NA	0.8	17.9
POWELL	Ojai	5/13/2004	10	80.0	80.8	1.0	2655.3	265.5	7.5	2.0	51.0	0.0	ORANGE	1379.8	52.0	NA	0.9	15.5
POWELL	Ojai	5/13/2004	10	78.8	81.9	1.0	2566.7	256.7	10.5	2.5	64.0	0.0	ORANGE	1236.8	48.2	14.5	0.8	14.5
POWELL	Ojai	5/13/2004	10	86.2	87.8	1.0	3193.6	319.4	10.0	2.5	58.0	0.0	ORANGE	1566.4	49.0	14.2	0.8	14.2
POWELL	Ojai	7/2/2004	10	76.5	73.7	1.0	2189.2	218.9	10.0	3.0	41.0	0.0	MED. ORANGE	1105.0	50.5	NA	0.7	21.6
POWELL	Ojai	7/2/2004	10	84.5	81.0	1.0	2826.4	282.6	10.0	2.5	53.0	0.0	MED. ORANGE	1344.9	47.6	NA	0.8	18.9
POWELL	Riverside	3/8/2006	10	76.3	75.0	1.0	1973.8	197.4	10.5	3.0	53.0	0.0	BR. ORANGE	1030.5	52.2	13.7	0.9	15.5
POWELL	Riverside	3/8/2006	10	76.2	74.7	1.0	1946.8	194.7	10.5	3.0	54.0	1.0	BR. ORANGE	1067.7	54.8	13.2	0.8	16.8
POWELL	Ojai	3/9/2006	10	81.6	77.0	1.1	2278.4	227.8	10.0	3.0	55.0	0.0	ORANGE	987.4	43.3	11.4	0.9	12.5
POWELL	Ojai	3/9/2006	10	72.0	71.5	1.0	1740.3	174.0	10.0	3.0	55.0	0.0	BR. ORANGE	745.4	42.8	11.7	1.2	10.0
POWELL	Riverside	3/27/2006	10	75.0	73.9	1.0	2045.3	204.5	11.0	3.0	46.0	4.0	BR. ORANGE	1000.7	48.9	14.1	0.9	15.0
POWELL	Riverside	3/27/2006	10	77.3	75.0	1.0	2150.2	215.0	11.0	3.0	43.0	2.0	BR. ORANGE	1050.0	48.8	14.3	0.9	16.4
POWELL	Riverside	5/1/2006	10	76.2	76.7	1.0	2282.5	228.3	10.5	2.0	45.0	0.0	BR. ORANGE	1294.5	56.7	14.6	0.8	18.7
POWELL	Riverside	5/1/2006	10	74.6	75.6	1.0	2173.8	217.4	10.5	2.0	45.0	3.0	BR. ORANGE	1182.4	54.4	14.4	0.7	20.1
POWELL	Riverside	6/19/2006	10	77.7	72.5	1.1	2104.6	210.5	10.5	3.0	42.0	1.0	BR. ORANGE	1046.3	49.7	16.0	0.6	28.4
POWELL	Riverside	6/19/2006	10	75.1	72.8	1.0	2062.5	206.3	10.5	3.0	43.0	2.0	BR. ORANGE	1054.2	51.1	15.9	0.6	26.3
POWELL	Riverside	2/26/2007	10	75.7	75.4	1.0	2193.4	219.3	10.5	2.5	45.0	1.0	BR. ORANGE	962.0	43.9	13.4	1.0	13.4
POWELL	Riverside	2/26/2007	10	77.7	80.0	1.0	2532.8	253.3	10.5	2.5	38.0	7.0	BR. ORANGE	1244.0	49.1	14.0	1.0	13.6
POWELL	Riverside	3/26/2007	10	76.0	73.8	1.0	2115.2	211.5	10.5	3.0	51.0	5.0	BR. ORANGE	853.1	40.3	14.6	0.8	17.8
POWELL	Riverside	3/26/2007	10	73.6	74.0	1.0	2107.4	210.7	10.5	3.0	45.0	3.0	BR. ORANGE	947.4	45.0	14.5	0.7	19.5
POWELL	Riverside	4/30/2007	10	80.4	77.2	1.0	2427.2	242.7	10.5	3.0	38.0	7.0	BR. ORANGE	1128.7	46.5	14.5	0.8	18.6
POWELL	Riverside	4/30/2007	10	78.5	76.5	1.0	2374.9	237.5	10.5	2.5	44.0	2.0	BR. ORANGE	1071.5	45.1	14.9	0.8	19.6
POWELL	Riverside	6/18/2007	10	79.8	76.4	1.0	2389.7	239.0	11.0	2.5	51.0	8.0	BR. ORANGE	1236.9	51.8	15.6	0.7	21.4
POWELL	Riverside	6/18/2007	10	75.7	76.2	1.0	2255.1	226.0	11.0	2.5	48.0	2.0	BR. ORANGE	1205.3	53.4	15.4	0.7	23.8

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POWELL	Riverside	2/25/2008	10	78.5	74.6	1.1	2143.9	214.4	8.0	2.0	54.0	2.0	BR. ORANGE	971.3	45.3	12.9	0.8	17.0
POWELL	Riverside	2/25/2008	10	79.0	76.8	1.0	2288.9	228.9	10.0	2.0	59.0	4.0	BR. ORANGE	1024.0	44.7	12.9	0.7	19.2
POWELL	Lindcove	2/29/2008	10	74.3	72.5	1.0	1998.2	199.8	8.0	2.0	42.0	0.0	BR. ORANGE	979.8	49.0	11.6	0.8	13.7
POWELL	Lindcove	2/29/2008	10	81.9	76.5	1.1	2362.7	236.3	7.5	1.0	47.0	3.0	BR. ORANGE	1041.0	44.1	8.0	0.9	9.4
POWELL	Riverside	3/25/2008	10	77.2	75.0	1.0	2245.5	224.6	9.0	2.0	55.0	1.0	BR. ORANGE	1053.8	46.9	14.1	0.8	18.9
POWELL	Riverside	3/25/2008	10	77.5	75.5	1.0	2236.7	223.7	8.0	2.0	53.0	2.0	BR. ORANGE	1059.8	47.4	12.5	0.7	18.8
POWELL	Lindcove	4/2/2008	10	79.3	75.5	1.1	2285.5	228.6	11.0	2.0	44.0	0.0	BR. ORANGE	1203.2	52.6	12.1	0.7	17.3
POWELL	Lindcove	4/2/2008	10	86.6	79.7	1.1	2727.9	272.8	8.0	2.5	51.0	1.0	BR. ORANGE	1241.8	45.5	12.2	0.6	20.5
POWELL	Lindcove	4/25/2008	10	79.7	77.4	1.0	2498.2	249.8	6.0	1.5	54.0	0.0	BR. ORANGE	1315.7	52.7	12.5	0.5	26.1
POWELL	Lindcove	4/25/2008	10	90.6	83.5	1.1	3122.4	312.2	6.0	1.5	65.0	0.0	BR. ORANGE	1563.4	50.1	12.7	0.4	29.1
POWELL	Riverside	4/28/2008	10	77.8	73.1	1.1	2098.7	209.9	10.5	1.0	47.0	2.0	BR. ORANGE	1014.3	48.3	14.0	0.9	16.0
POWELL	Riverside	4/28/2008	10	79.9	75.0	1.1	2280.4	228.0	11.0	1.0	52.0	0.0	BR. ORANGE	1004.9	44.1	13.8	0.9	15.7
POWELL	Lindcove	6/11/2008	10	95.3	92.3	1.0	4187.1	418.7	6.5	3.0	47.0	0.0	BR. ORANGE	2120.0	50.6	13.1	0.4	31.6
POWELL	Lindcove	6/11/2008	10	97.2	91.6	1.1	4107.1	410.7	6.0	2.5	56.0	0.0	BR. ORANGE	2110.6	51.4	12.0	0.4	30.9
POWELL	Riverside	6/17/2008	10	82.7	74.5	1.1	2313.9	231.4	9.0	2.0	51.0	0.0	BR. ORANGE	1117.8	48.3	15.2	0.5	30.1
POWELL	Riverside	6/17/2008	10	78.2	75.2	1.0	2232.0	223.2	10.0	3.0	59.0	0.0	BR. ORANGE	1052.5	47.2	15.7	0.5	31.6