

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)
Carte Noir	Riverside	10/27/2003	10	51.1	54.8	0.9	804.3	80.4	5.5	2.5	19.0	38.0	PALE ORANGE	395.6	49.2	NA	NA	NA
Carte Noir	Riverside	10/27/2003	5	25.0	25.8	1.0	346.4	69.3	3.5	3.0	9.0	62.0	PALE YEL. OR.	151.4	43.7	NA	NA	NA
Carte Noir	Riverside	12/8/2003	10	54.6	64.7	0.8	1172.0	117.2	11.5	2.0	28.0	41.0	ORANGE	466.6	39.8	NA	NA	NA
Carte Noir	Riverside	12/8/2003	10	49.1	53.5	0.9	913.2	91.3	10.5	2.0	22.0	40.0	ORANGE	380.2	41.6	NA	NA	NA
Carte Noir	Lindcove	12/12/2003	10	53.8	59.6	0.9	997.4	99.7	11.8	3.5	24.0	23.0	ORANGE	393.3	39.4	NA	NA	NA
Carte Noir	Lindcove	12/12/2003	10	55.9	60.3	0.9	1054.9	105.5	11.8	3.0	26.0	21.0	ORANGE	NA	NA	NA	NA	NA
Carte Noir	Riverside	10/25/2004	10	51.8	52.9	1.0	739.3	73.9	10.5	2.0	27.0	73.0	LT. ORANGE	339.4	45.9	10.4	1.0	10.9
Carte Noir	Riverside	10/25/2004	10	50.2	51.4	1.0	698.8	69.9	11.0	2.0	24.0	108.0	ORANGE	309.2	44.2	10.1	0.9	10.9
Carte Noir	Riverside	11/15/2004	10	56.4	60.8	0.9	1027.4	102.7	11.0	2.0	27.0	150.0	BRT. ORANGE	464.5	45.2	11.6	1.0	11.7
Carte Noir	Riverside	11/15/2004	10	53.1	56.2	0.9	860.7	86.1	10.5	2.0	29.0	149.0	BRT. ORANGE	413.7	48.1	10.8	1.0	10.8
Carte Noir	Irvine	11/17/2004	10	48.2	54.5	0.9	761.9	76.2	11.0	1.0	21.0	115.0	LT. ORANGE	326.3	42.8	8.4	1.0	8.5
Carte Noir	Irvine	11/17/2004	10	39.8	45.0	0.9	442.3	44.2	11.0	1.0	20.0	213.0	ORANGE	223.4	50.5	10.9	1.2	9.3
Carte Noir	Riverside	12/6/2004	10	58.0	58.7	1.0	936.8	93.7	11.5	2.0	38.0	126.0	BRT. ORANGE	365.0	39.0	11.4	1.1	10.8
Carte Noir	Riverside	12/6/2004	10	55.5	56.3	1.0	837.6	83.8	12.0	2.0	33.0	160.0	BRT. ORANGE	334.0	39.9	11.8	1.0	12.1
Carte Noir	Irvine	12/13/2004	10	51.4	56.4	0.9	831.5	83.2	9.5	2.0	24.0	129.0	PALE ORANGE	294.0	35.4	10.5	0.5	22.0
Carte Noir	Irvine	12/13/2004	10	40.4	46.4	0.9	463.8	46.4	9.0	2.0	24.0	88.0	BRT. ORANGE	212.3	45.8	9.3	0.6	15.6
Carte Noir	Lindcove	10/20/2005	10	54.9	60.9	0.9	1065.0	106.5	6.5	3.5	20.0	12.0	LT. ORANGE	462.9	43.5	10.6	1.1	10.2
Carte Noir	Lindcove	10/20/2005	10	52.9	54.6	1.0	814.1	81.4	6.0	3.5	21.0	17.0	LT. ORANGE	258.5	31.8	9.0	1.1	8.5
Carte Noir	Riverside	10/24/2005	10	45.6	53.8	0.8	716.6	71.7	8.5	3.0	20.0	13.0	MED. ORANGE	415.6	58.0	11.9	1.0	12.3
Carte Noir	Riverside	10/24/2005	10	53.1	51.9	1.0	730.6	73.1	4.0	3.0	22.0	38.0	LT. ORANGE	358.9	49.1	10.4	1.8	5.8
Carte Noir	Riverside	11/14/2005	10	51.5	57.5	0.9	893.1	89.3	11.5	2.0	25.0	21.0	LT. ORANGE	388.0	43.4	12.2	0.8	15.7
Carte Noir	Riverside	11/14/2005	10	54.6	56.2	1.0	888.5	88.9	6.0	2.5	27.0	5.0	LT. ORANGE	391.8	44.1	11.0	0.8	9.9
Carte Noir	Lindcove	11/18/2005	10	63.5	64.0	1.0	1258.2	125.8	11.5	2.0	30.0	9.0	MED. ORANGE	510.3	40.6	11.5	0.9	13.0
Carte Noir	Lindcove	11/18/2005	10	56.3	62.0	0.9	1069.9	107.0	11.0	2.0	21.0	20.0	MED. ORANGE	353.5	33.0	10.0	0.9	11.8
Carte Noir	Riverside	12/5/2005	10	56.2	63.9	0.9	1129.2	112.9	11.5	2.0	30.0	38.0	BRT. ORANGE	542.7	54.3	12.1	0.9	15.4
Carte Noir	Riverside	12/5/2005	10	60.8	65.8	0.9	1269.9	127.0	7.0	3.0	29.0	66.0	BRT. ORANGE	460.7	46.1	10.9	0.8	9.5
Carte Noir	Lindcove	12/7/2005	10	60.3	62.8	1.0	1271.7	127.2	11.5	2.5	20.0	8.0	BRT. ORANGE	509.4	40.1	11.5	0.8	13.9
Carte Noir	Lindcove	12/7/2005	10	59.0	59.4	1.0	968.2	96.8	11.5	2.5	27.0	14.0	BRT. ORANGE	176.4	18.2	11.3	0.8	14.7
Carte Noir	Lindcove	10/17/2006	10	52.1	56.3	0.9	801.0	80.1	5.0	3.5	24.0	27.0	WHT. ORANGE	291.4	36.4	10.1	1.0	9.9
Carte Noir	Lindcove	10/17/2006	10	58.4	68.9	0.8	1481.7	148.2	3.5	4.5	44.0	10.0	YEL. ORANGE	655.0	44.2	8.8	2.3	3.9
Carte Noir	Riverside	10/23/2006	10	42.7	47.6	0.9	346.2	34.6	8.0	2.0	20.0	170.0	ORANGE	257.0	74.2	11.7	1.0	11.6
Carte Noir	Riverside	10/23/2006	10	44.5	51.3	0.9	457.6	45.8	8.0	2.0	21.0	115.0	ORANGE	327.4	71.5	11.8	1.0	11.9
Carte Noir	Irvine	10/26/2006	10	50.1	56.0	0.9	844.0	84.4	7.5	3.0	21.0	67.0	ORANGE	419.1	49.7	10.8	1.5	7.5
Carte Noir	Riverside	11/13/2006	10	45.5	50.0	0.9	585.2	58.5	11.5	3.0	17.0	177.0	BRT. ORANGE	268.1	45.8	10.8	1.0	11.3
Carte Noir	Riverside	11/13/2006	10	49.5	54.7	0.9	746.3	74.6	7.0	3.0	18.0	190.0	BRT. ORANGE	341.7	45.8	11.2	1.1	10.7
Carte Noir	Irvine	11/13/2006	10	47.7	55.0	0.9	755.7	75.6	7.0	2.0	13.0	20.0	ORANGE	380.7	50.4	9.8	1.0	9.5

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Carte Noir	Lindcove	11/16/2006	10	56.5	59.8	0.9	840.4	84.0	11.5	2.5	27.0	39.0	ORANGE	75.0	8.9	12.8	0.8	15.6
Carte Noir	Lindcove	11/16/2006	10	50.1	53.1	0.9	658.6	65.9	11.0	1.0	30.0	65.0	ORANGE	90.5	13.7	13.6	1.0	13.9
Carte Noir	Lindcove	11/29/2006	5	54.5	57.1	1.0	822.9		12.0	2.0	20.0	16.0	ORANGE	118.4	14.4	13.5	1.1	12.3
Carte Noir	Lindcove	11/29/2006	10	46.7	51.2	0.9	607.7	60.8	12.0	2.0	25.0	60.0	ORANGE	195.8	32.2	13.2	1.1	12.5
Carte Noir	Lindcove	11/29/2006	10	47.2	52.5	0.9	664.7	66.5	8.0	2.0	39.0	61.0	BRT. ORANGE	256.0	38.5	12.5	0.7	17.1
Carte Noir	Lindcove	11/29/2006	10	46.6	51.5	0.9	630.5	63.1	8.0	2.0	27.0	72.0	BRT. ORANGE	246.9	39.2	12.9	1.0	13.6
Carte Noir	Riverside	12/4/2006	10	46.7	52.3	0.9	665.8	66.6	12.0	3.0	23.0	131.0	BRT. ORANGE	284.7	42.8	13.3	1.1	12.4
Carte Noir	Riverside	12/4/2006	10	44.5	48.6	0.9	541.6	54.2	12.0	3.0	25.0	112.0	BRT. ORANGE	239.0	44.1	12.0	1.0	11.5
Carte Noir	Riverside	10/22/2007	10	60.5	59.4	1.0	1081.2	108.1	4.5	1.5	22.0	68.0	BRT. ORANGE	413.8	38.3	10.7	1.1	10.0
Carte Noir	Lindcove	10/29/2007	10	49.1	52.8	0.9	701.4	70.1	7.0	2.0	23.0	86.0	ORANGE	331.8	47.3	10.2	0.8	14.5
Carte Noir	Lindcove	10/29/2007	10	48.1	51.0	0.9	646.4	64.6	7.0	2.5	27.0	70.0	ORANGE	284.5	44.0	11.8	0.8	14.0
Carte Noir	Riverside	11/13/2007	10	60.2	61.5	1.0	1094.5	109.5	6.0	3.0	19.0	47.0	BRT. ORANGE	406.8	37.2	11.3	0.9	13.0
Carte Noir	Lindcove	11/15/2007	10	46.9	50.5	0.9	623.7	62.4	11.5	1.5	27.0	41.0	ORANGE	257.5	41.3	12.0	0.9	13.8
Carte Noir	Lindcove	11/15/2007	10	47.4	52.1	0.9	646.3	64.6	11.5	1.5	25.0	45.0	ORANGE	268.8	41.6	12.7	0.9	13.8
Carte Noir	Riverside	12/10/2007	10	69.0	67.2	1.0	1407.3	140.7	11.0	2.0	30.0	53.0	BRT. ORANGE	483.0	34.3	11.8	0.9	13.6
Carte Noir	Lindcove	12/13/2007	10	46.8	51.0	0.9	654.7	65.5	11.0	1.5	25.0	62.0	BRT. ORANGE	270.6	41.3	12.4	0.8	14.9
Carte Noir	Lindcove	12/13/2007	10	48.0	50.1	1.0	589.8	59.0	11.0	2.0	35.0	87.0	BRT. ORANGE	205.0	34.8	13.2	0.9	14.9