

Grape Crush

The Final Grape Crush Report includes all grape tonnage crushed during the 2007 season. Details of the crushed tonnage, degrees Brix and weighted average prices were reported by grape type and variety, as well as by grape pricing districts. The 17 districts refer to the area in which the grapes were grown as defined in the administrative code.

Summary of Grape Tonnages and Prices

The 2007 crush totaled 3,674,453 tons, up 5 percent from the 2006 crush of 3,488,871 tons. Red wine varieties accounted for the largest share of all grapes crushed, at 1,875,372 tons, up slightly from 2006. The 2007 white wine variety crush totaled 1,372,131 tons, up 9 percent from 2006. Tons crushed of raisin-type varieties totaled 363,516, up 36 percent from 2006, and tons crushed of table-type varieties totaled 63,433, down 26 percent from 2006.

Beginning with the 1999 season, the Grape Crush Report includes the total number of tons crushed for concentrate production. In determining grape tonnage, each processor was required to report the estimated equivalent tons of grapes crushed for grape concentrate. For the 2007 season, this total was 516,491 tons, approximately 14 percent of the 2007 grape crush total. This report provides only the aggregate figure for grapes crushed for concentrate production and does not include information by district, type or variety.

California grape growers received prices in 2007 for red grapes and white wine grapes that were, on average, below the 2006 prices, while the prices received for table grapes and raisin grapes were, on average, above the 2006 prices. The 2007 average price of all varieties was \$521.93, down 5 percent from 2006.



Average Prices for the 2006 Crop by Type ¹:

Red wine grapes..... \$626.56, down 2 percent

White wine grapes..... \$481.59, down 4 percent

Raisin grapes..... \$155.07, up slightly

Table grapes \$138.16, up slightly

¹These price levels have not been adjusted for inflation.**Leading Grape Varieties and Districts**

In 2007, Chardonnay accounted for the largest percentage of the total crush volume with 16 percent. Cabernet Sauvignon accounted for the second leading percentage of crush with 11.6 percent of the total crush. The next eight highest percentages of grapes crushed were all wine varieties, with the exception of Thompson Seedless.

Grapes produced in District 4 (Napa County) received the highest average price of \$3,251.37 per ton, up 7 percent from 2006. District 3 (Sonoma and Marin counties) received the second highest return of \$2,081.27, up 5 percent from 2006.

The 2007 Chardonnay price of \$717.54 was down 5 percent from 2006, and the Cabernet Sauvignon price of \$988.77 was up 4 percent from 2006. The 2007 average price for Zinfandel was \$466.58, down 8 percent from 2006, while the Merlot average price was down 11 percent from 2006 at \$592.45 per ton.



Grape Crush Tonnage and Price, 1998–2007												
Crop Year	Red Wine Type		White Wine Type		Total Wine Type		Raisin Type		Table Type		All Types	
	1,000 Tons	\$/Ton	1,000 Tons	\$/Ton	1,000 Tons	\$/Ton	1,000 Tons	\$/Ton	1,000 Tons	\$/Ton	1,000 Tons	\$/Ton
1998	1,333	643	1,194	521	2,527	586	506	164	135	150	3,169	502
1999	1,422	649	1,195	518	2,617	590	419	200	149	187	3,185	525
2000	1,816	628	1,503	500	3,319	571	513	125	120	118	3,951	504
2001	1,706	680	1,300	491	3,006	601	262	86	101	87	3,368	555
2002	1,817	614	1,288	432	3,105	538	622	76	61	80	3,787	462
2003	1,634	609	1,230	429	2,864	534	422	95	84	91	3,370	471
2004	1,639	627	1,136	487	2,775	571	727	200	113	199	3,615	482
2005	2,235	634	1,521	507	3,756	583	467	164	106	121	4,330	533
2006	1,874	637	1,263	503	3,136	583	267	154	86	137	3,489	548
2007	1,875	627	1,372	482	3,248	565	364	155	63	138	3,674	522

Source: USDA's National Agricultural Statistics Service, California Field Office

Grape Crush Totals by Type and Variety, 2006–2007										
Type and Variety	Total Tons Crushed		Average Brix Crushed		Total Tons Purchased		Average Brix Purchased		Weighted Average Dollars Per Ton	
	2007	2006	2007	2006	2007	2006	2007	2006	2007	2006
RAISIN GRAPES										
Diamond Muscat	74.2	4.5	25.3	22.8	74.1	4.5	25.3	22.9	150.00	600.00
Dovine	746.0	1,045.7	24.0	23.6	744.6	1,041.9	24.0	23.6	162.41	158.53
Fiesta	38,926.8	15,255.7	22.7	22.6	38,846.7	15,181.5	22.7	22.6	152.80	150.68
Selma Pete	635.6	304.0	22.0	22.7	635.4	304.0	22.0	22.7	170.93	175.00
Thompson Seedless	323,133.8	248,478.1	21.1	21.6	255,086.0	189,748.7	21.2	21.5	155.36	153.97
Other Raisin ¹	—	1,933.2	—	20.5	—	—	—	—	—	—
Total Raisin	363,516.4	267,021.2	21.3	21.7	295,386.8	206,280.6	21.4	21.6	155.07	153.79
TABLE GRAPES ²										
Autumn Royal	1,285.2	1,335.1	20.2	21.3	386.2	185.3	20.4	21.0	132.60	131.25
Autumn Seedless	8.2	—	21.4	—	—	—	—	—	—	—
Beauty Seedless *	178.0	—	19.8	—	—	—	—	—	—	—
Black Monukka	491.3	—	19.9	—	489.0	—	19.9	—	150.00	—
Calmeria	743.0	1,086.3	20.5	19.5	119.6	8.7	20.6	20.1	133.90	125.62
Cardinal	10.7	221.6	21.4	18.0	—	—	—	—	—	—
Christmas Rose	1,425.5	1,521.4	20.7	19.1	104.1	56.4	20.5	21.0	133.25	131.25
Crimson Seedless *	6,952.0	12,753.4	20.8	20.8	2,481.9	2,936.6	20.8	22.0	135.20	137.49
Dawn Seedless	30.1	16.4	19.1	22.0	—	—	—	—	—	—
Early Sweet	224.0	184.2	18.0	20.3	—	—	—	—	—	—
Emerald Seedless *	1,548.4	874.5	20.7	22.0	364.4	260.5	20.7	21.2	134.55	132.50
Emperor	65.7	1,330.9	20.7	19.0	10.2	—	20.7	0.0	134.55	—
Exotic	390.9	307.4	21.1	22.6	—	—	—	—	—	—
Fantasy Seedless	24.5	32.1	21.4	17.6	—	—	—	—	—	—
Flame Seedless *	11,979.5	16,559.0	22.5	22.1	3,693.9	3,955.7	23.3	22.7	148.85	142.79
Flame Tokay	2,044.2	1,650.4	17.1	19.6	2,035.8	1,643.4	17.1	19.6	125.77	152.04
Gold	0.0	317.3	—	19.7	—	—	—	—	—	—
Golden Globe	489.0	—	16.8	—	—	—	—	—	—	—
Italia *	355.4	234.5	21.2	22.0	127.5	30.7	21.6	21.9	140.43	136.98
Jade Seedless	617.1	541.9	18.1	18.8	—	—	—	—	—	—
Malaga *	1,257.3	570.5	19.9	20.2	814.7	271.7	20.5	21.0	150.74	130.51
Marroo Seedless	—	41.2	—	28.0	—	40.8	—	28.0	—	126.50
Perlette	112.5	162.5	21.4	21.3	52.0	50.4	23.1	22.5	149.50	140.62
Princess *	2,651.7	1,492.1	22.2	22.0	482.3	636.8	22.9	21.7	157.66	135.62
Queen	—	29.9	—	22.2	—	—	—	—	—	—
Red Globe *	12,563.5	19,528.0	20.6	20.3	5,989.9	5,118.6	20.9	20.9	132.42	129.49
Ribier	151.4	99.4	19.5	20.0	24.6	1.5	22.8	19.9	143.00	124.37
Rouge	420.3	3,818.8	20.4	19.5	0.0	0.0	0.0	0.0	0.00	0.00
Ruby Seedless *	6,265.4	5,665.6	22.3	22.3	3,008.9	1,979.3	23.1	22.6	146.85	141.81
Summer Muscat	15.5	8.9	22.1	24.8	15.5	8.9	22.1	22.9	150.00	600.00
Sweet Scarlet	56.6	—	17.9	—	—	—	—	—	—	—
Packinghouse Culls	—	74.6	—	21.9	—	—	—	—	—	—
Other Table ¹	11,076.1	15,074.9	20.9	20.2	3,436.6	3,113.2	20.5	21.4	132.11	132.14
Total Table	63,433.0	85,532.8	21.1	20.8	23,637.1	20,298.5	21.2	21.6	138.16	137.17
WINE GRAPES (WHITE)										
Arneis	98.8	142.0	22.8	23.1	98.8	135.1	22.8	23.1	1,624.64	1,524.63
Burger *	44,919.8	45,122.6	16.4	16.6	41,648.0	42,092.5	16.5	16.6	176.14	176.81
Chardonnay *	589,664.0	549,502.5	23.8	23.7	447,612.5	390,989.9	23.7	23.7	717.54	752.01
Chenin Blanc	84,208.4	74,984.8	20.0	20.7	79,957.4	71,261.4	19.9	20.7	223.58	221.41
Cortese	17.4	11.1	24.9	23.1	6.9	—	24.8	—	1,127.54	—
Emerald Riesling	1,122.4	1,090.1	23.8	23.9	1,106.8	1,085.9	23.8	23.9	296.01	298.53
Flora	39.4	48.1	24.1	22.6	35.2	43.4	23.9	22.5	1,987.68	1,968.07
Folle Blanche	13.6	16.5	23.7	21.9	—	—	—	—	—	—
French Colombard	319,224.6	288,133.7	20.4	20.9	314,749.5	284,959.3	20.4	20.9	185.21	189.91
Gewurztraminer	9,702.4	9,159.2	23.6	23.7	6,434.3	6,300.1	23.4	22.5	861.90	952.78
Gray Riesling *	82.4	55.7	22.1	24.6	71.9	46.3	21.9	24.7	1,146.56	1,164.72
Grenache Blanc	240.8	117.3	24.8	24.0	172.4	99.6	24.9	24.0	1,662.85	1,664.82
Kerner	2.5	1.6	23.9	22.0	—	—	—	—	—	—
Malvasia Bianca *	10,375.7	8,257.8	20.9	20.5	7,842.8	5,670.3	20.8	21.2	300.71	323.17
Marsanne	472.6	520.3	23.3	23.3	362.0	382.2	23.3	23.0	1,379.19	1,274.61
Melon	15.9	16.3	24.5	24.3	15.8	15.9	24.5	24.4	1,887.73	1,926.47
Montonico	4.6	7.7	23.4	19.4	4.6	7.7	23.4	19.4	400.00	400.00
Moscato Gaillo *	28.9	7.0	22.8	22.8	24.8	3.2	22.9	22.7	415.32	868.75
Muscato Blanc *	7,777.8	6,676.2	23.7	23.3	6,596.9	5,711.2	23.4	23.3	611.61	589.39
Muscato Orange	1,774.5	1,427.8	23.8	23.1	1,606.9	1,236.9	23.7	22.9	487.84	634.01
Muscato of Alexandria	54,944.3	41,690.0	22.4	22.7	51,410.1	38,342.6	22.4	22.6	241.20	265.75
Palomino *	2,579.5	3,531.0	20.4	20.8	2,540.6	3,448.9	20.3	20.7	182.69	174.56
Pinot Blanc	1,348.7	1,301.8	23.2	23.4	892.6	760.0	22.9	23.3	1,291.40	1,354.23
Pinot Gris *	79,342.2	76,866.6	22.5	22.5	70,414.9	67,662.3	22.5	22.5	588.34	600.50
Ribolla Gialla *	8.2	6.5	21.9	22.1	7.5	6.5	21.6	22.1	2,250.00	2,250.00
Roussanne	1,007.9	765.3	24.1	24.8	591.4	488.8	24.6	25.2	1,724.91	1,804.21
Sauvignon Blanc	106,119.5	110,142.3	22.7	22.5	82,948.6	85,145.7	22.6	22.4	687.90	722.09
Sauvignon Musque	828.2	759.9	24.0	23.7	689.9	524.5	24.0	23.7	1,077.35	1,538.68
Sauvignon Vert *	10.8	6.8	21.0	23.4	10.8	2.5	21.0	22.4	2,200.00	1,580.00
Scheurebe	10.0	17.0	23.5	24.3	—	—	—	—	—	—

Grape Crush Totals by Type and Variety, 2006–2007 *continued*

Type and Variety	Total Tons Crushed		Average Brix Crushed		Total Tons Purchased		Average Brix Purchased		Weighted Average Dollars Per Ton	
	2007	2006	2007	2006	2007	2006	2007	2006	2007	2006
WINE GRAPES (WHITE), continued										
Semillon	7,936.3	8,539.8	22.0	21.9	6,811.3	7,481.8	22.0	21.8	502.75	546.46
St. Emilion *	15.8	36.5	19.0	22.4	13.8	13.1	18.3	21.8	628.99	357.63
Sylvaner	21.4	21.4	20.2	20.5	—	—	—	—	—	—
Symphony	10,155.9	7,694.1	22.2	22.5	8,435.7	7,340.3	22.7	22.5	318.03	338.30
Tocai Friulano	404.6	103.8	21.1	24.9	388.9	93.2	21.0	25.1	725.15	1,543.41
Torrontes	3.7	2.8	23.0	21.0	3.7	2.8	23.0	21.0	856.76	1,100.00
Triplett Blanc	5,116.8	589.3	21.9	23.7	5,103.6	586.8	21.9	23.7	174.16	175.00
Verdelho	169.0	224.2	25.0	24.2	149.7	154.9	24.9	23.7	707.21	923.23
Vernaccia	51.9	16.8	23.2	25.1	39.3	16.8	23.3	25.1	1,980.71	2,569.95
Vioigner	15,757.5	12,605.3	25.2	26.0	12,081.7	10,045.4	25.3	26.0	761.54	840.80
White Riesling *	13,880.4	11,135.8	23.1	23.2	9,915.9	7,405.0	22.8	23.3	971.21	1,014.29
Other White ¹	2,632.2	1,186.9	21.7	22.3	1,843.1	955.7	22.8	22.3	231.10	302.45
Total White	1,372,131.3	1,262,542.2	22.3	22.4	1,162,640.6	1,040,518.5	22.1	22.2	481.60	503.22
WINE GRAPES (RED)										
Aglianico	91.0	92.8	25.4	24.5	68.0	70.2	25.8	24.6	1,763.49	1,568.96
Aleatico	32.0	40.6	25.0	25.0	31.7	40.5	25.0	25.0	2,370.27	1,992.00
Alicante Bouschet *	5,000.6	4,820.6	22.5	22.8	4,713.0	4,692.9	22.4	22.9	347.13	333.62
Alvarelhao	29.9	46.7	24.5	24.5	20.1	32.1	24.6	24.4	1,072.81	1,180.26
Arinarnoa	584.4	335.3	22.8	24.1	584.4	335.3	22.8	24.1	250.00	250.00
Barbera	75,528.8	72,378.7	23.0	23.2	73,913.2	70,025.0	23.0	23.2	239.17	246.76
Blaufraenkisch *	17.6	21.5	25.0	24.4	—	—	—	—	—	—
Cabernet Franc	15,301.4	13,651.9	25.1	25.5	10,696.3	9,799.4	25.0	25.3	1,361.68	1,274.67
Cabernet Sauvignon	425,173.9	423,508.4	24.8	25.4	318,107.0	311,330.7	24.7	25.4	988.77	955.14
Carignane	22,160.2	20,264.8	22.8	23.2	21,417.1	19,957.8	22.8	23.2	299.04	312.75
Carmenere	21.8	298.0	24.6	23.8	6.7	279.3	24.0	23.6	749.25	308.86
Carmine	19.1	20.3	22.8	22.2	11.0	15.5	22.0	21.8	600.00	832.90
Carnelian	8,758.2	9,391.5	24.3	25.1	8,403.6	8,455.9	24.4	25.3	176.73	185.74
Centurian	1,499.0	1,798.5	24.5	23.7	938.0	1,200.7	23.6	24.5	122.88	250.00
Charbono	307.6	335.2	22.8	23.1	203.1	269.2	22.6	23.0	1,729.98	1,652.12
Cinsaut *	593.6	575.1	23.6	24.8	469.5	445.4	23.7	25.0	538.37	698.08
Counoise	137.9	113.5	23.2	24.5	53.2	45.7	23.4	24.5	1,243.36	1,263.75
Dolcetto	443.5	328.8	23.8	24.0	333.0	227.8	23.5	23.9	1,575.43	1,742.81
Dornfelder	1,280.5	475.2	23.4	24.6	1,249.4	463.8	23.4	24.6	303.52	300.00
Durif	6.4	5.3	22.1	24.8	6.4	5.3	22.1	24.8	1,512.50	1,430.19
Early Burgundy	10.5	23.6	24.1	24.5	10.1	21.5	24.0	24.5	1,817.82	1,118.37
Freisa	26.9	44.9	23.6	26.1	10.5	35.8	25.1	26.4	1,172.70	1,649.66
Gamay (Napa) *	2,343.0	2,579.8	21.4	21.7	1,870.7	2,260.5	21.2	21.6	476.45	467.40
Gamay Beaujolais	13.3	4.4	25.2	22.4	13.3	—	22.4	—	1,706.61	—
Graciano	56.4	42.5	25.9	26.7	13.7	0.8	24.7	27.0	841.18	1,000.00
Grand Noir	2.0	—	18.0	—	2.0	—	18.0	—	1,500.00	—
Grenache *	59,688.1	77,925.1	22.0	21.8	57,905.7	76,073.0	21.9	21.8	245.31	231.84
Grignolino	34.1	24.5	23.7	22.9	—	1.5	—	24.5	—	1,500.00
Lagrein	147.3	81.6	24.4	24.6	131.6	79.5	24.1	24.5	1,533.34	1,557.66
Malbec	5,457.8	8,588.8	24.5	24.2	3,931.0	5,966.4	24.4	24.1	1,116.95	983.99
Mataro *	2,326.4	2,111.1	24.6	25.0	1,691.4	1,643.8	24.4	25.0	1,419.72	1,344.39
Merlot	304,078.0	333,501.9	24.7	24.8	237,473.7	260,206.3	24.6	24.8	592.45	664.06
Meunier *	567.3	843.4	21.3	21.2	325.1	412.8	20.6	20.1	2,334.94	2,057.24
Mission	7,834.5	7,633.7	23.7	25.7	7,777.4	7,479.4	23.7	25.7	181.31	180.00
Montepulciano	327.6	87.3	24.4	24.9	206.0	56.7	24.7	24.4	1,022.64	1,085.88
Muscat Hamburg *	306.0	218.8	25.0	25.4	283.5	189.9	24.8	25.7	730.94	769.27
Nebbiolo	357.9	341.7	24.2	24.2	184.8	223.2	24.3	24.6	1,651.81	2,003.50
Negrette *	33.5	17.4	25.7	25.2	15.3	11.5	25.5	24.4	2,184.34	1,293.91
Negroamaro	21.8	19.2	24.5	23.7	21.8	19.2	24.5	23.7	1,555.27	1,589.53
Nero D'Avola *	79.7	72.2	23.2	23.9	76.1	66.9	23.1	24.1	784.75	907.03
Peloursin	4.0	3.1	24.0	24.0	—	—	—	—	—	—
Perelli 101	5.2	5.6	22.6	22.4	5.2	5.6	22.6	22.4	1,500.00	1,500.00
Petit Verdot	9,410.7	8,265.2	25.0	25.2	6,308.4	5,165.3	24.9	25.2	1,215.20	1,193.28
Petite Sirah	47,175.5	36,276.1	24.6	25.2	38,856.8	29,316.9	24.5	25.2	881.57	963.97
Pfeffer Cabernet	14.8	5.2	26.0	26.2	12.6	4.4	26.2	26.3	1,603.18	1,772.73
Pinot Noir	89,518.6	105,971.0	24.5	24.2	57,130.4	64,538.1	24.4	24.2	2,093.82	2,027.91
Pinotage	75.7	82.2	24.6	25.1	40.5	30.5	23.2	25.2	878.09	1,551.36
Primitivo	1,375.6	1,281.0	24.9	25.5	1,046.6	927.4	24.7	25.5	981.29	1,175.98
Refosco *	606.3	662.6	22.8	22.7	573.3	623.2	22.7	22.6	298.05	282.09
Rossini	—	1.5	—	25.0	—	—	—	—	—	—
Royalty	1,205.3	1,808.1	22.2	22.6	1,194.5	1,793.6	22.2	22.6	199.99	206.65
Rubired *	147,650.4	157,438.2	24.4	24.3	143,462.6	152,334.6	24.3	24.3	217.67	204.59
Ruby Cabernet	72,701.3	73,663.0	24.1	24.4	71,116.1	72,293.2	24.1	24.3	233.53	236.32
Sagrantino	41.0	20.1	25.5	24.1	35.9	12.8	25.7	23.6	820.37	2,269.23
Salvador	1,251.1	2,086.6	26.0	24.7	1,244.6	2,077.7	26.0	24.7	175.00	174.56
Sangiovese *	7,830.6	10,916.4	24.5	23.3	4,949.2	7,583.7	25.0	22.7	930.31	762.75
Segalin	339.0	236.9	24.3	23.8	339.0	236.9	24.3	23.8	250.00	250.00
Souzao	421.0	372.3	24.2	22.8	227.8	165.4	24.2	24.8	774.84	774.66
Syrah *	126,948.5	118,241.4	25.0	25.6	91,752.9	82,584.8	25.0	25.6	660.25	679.28
Tannat	2,335.7	1,957.7	26.3	25.4	1,498.3	1,103.7	26.2	26.0	348.07	402.73
Tempranillo *	4,824.5	3,514.9	23.9	24.1	3,693.3	2,643.5	23.9	23.9	496.83	561.82

continued on next page

Grape Crush Totals by Type and Variety, 2006–2007 <i>continued</i>										
Type and Variety	Total Tons Crushed		Average Brix Crushed		Total Tons Purchased		Average Brix Purchased		Weighted Average Dollars Per Ton	
	2007	2006	2007	2006	2007	2006	2007	2006	2007	2006
Teroldego	393.9	253.0	24.4	26.7	375.8	237.4	24.4	26.8	794.18	1,013.01
Tinta Barroca	2.1	2.1	25.1	25.7	1.2	0.5	24.2	23.7	1,400.00	1,100.00
Tinta Cao	96.7	103.3	24.9	25.8	67.7	70.8	24.5	24.9	1,403.05	1,142.60
Tinta Madeira	66.9	34.9	25.1	26.0	63.9	34.0	25.1	26.0	670.34	493.69
Touriga Francesca	20.9	25.7	24.6	24.0	13.4	19.4	24.4	24.0	951.56	1,055.93
Touriga Nacional *	748.2	585.1	23.8	24.3	606.5	431.3	23.6	24.2	702.42	742.42
Trousseau *	10.8	16.5	24.3	25.9	4.6	9.5	24.2	24.8	1,253.26	1,324.74
Zinfandel	407,630.6	340,592.6	21.1	21.3	381,762.1	315,683.1	20.9	21.1	466.58	507.96
Other Red ¹	11,968.0	26,687.9	22.0	23.1	10,956.1	25,721.5	21.9	23.1	167.64	137.50
Total Red	1,875,372.4	1,873,774.8	23.7	24.0	1,570,507.7	1,548,090.0	23.5	23.8	626.56	636.62
TOTAL WINE	3,247,503.7	3,136,317.0	23.1	23.4	2,733,148.3	2,588,608.5	22.9	23.2	564.89	583.00
TOTAL ALL VARIETIES	3,674,453.1	3,488,871.0	22.9	23.2	3,052,172.2	2,815,187.6	22.7	23.0	521.93	548.33

* Synonyms for variety names are shown below.

¹ Other categories include minor and mixed varieties.

² For information on table grape varieties, please refer to the memo titled "California Table Grape Varieties," available through the USDA's National Agricultural Statistics Service, California Field Office.

Grape Variety Synonyms		
Alicante Bouschet – Alicante	Malaga – White Malaga	Red Globe – Rose Ito
Beauty Seedless – Black Beauty	Malvasia Bianca – Vennentino, Vermintino	Refosco – Mondeuse
Black Prince – Rose of Peru	Marechal Foch – Foch	Ribolla Gialla – Rebolla
Blaufraenkisch – Lemberger	Mataro – Mourvedre	Rubired – Tintoria
Burger – Monbadon	Meunier – Pinot Meunier	Ruby Seedless – King Ruby
Chardonnay – Pinot Chardonnay, Chardonnay Musque	Moscato Gaillo – Muscat Yellow	Sangiovese – Sangiovetto, Brunello
Cinsaut – Black Malvoisie, Black Malvasia	Muscat Blanc – Muscat Canelli,	Sauvignon Vert – Muscadelle
Crimson Seedless – Red Crimson	Muscat Blanc A Petits Grains	St. Emilion – Ugni Blanc, Trebbiano
Emerald Seedless – Black Seedless	Muscat Hamburg – Black Muscat	Syrah – French Syrah, Shiraz, Syrah Noir
Flame Seedless – Red Flame	Negrette – Pinot St. George	Tempranillo – Tinta Roriz, Valdepenas
Gamay (Napa) – Gamay, Valdiguie	Nero D'Avola – Calabrese	Touriga Nacional – Touriga
Gray Riesling – Trousseau Gris	Palomino – Golden Chasselas	Trousseau – Bastardo
Grenache – Grenache Noir	Pinot Gris – Pinot Grigio	White Riesling – Johannisberg Riesling, Riesling
Italia – Muscat Italia	Princess – Melissa	