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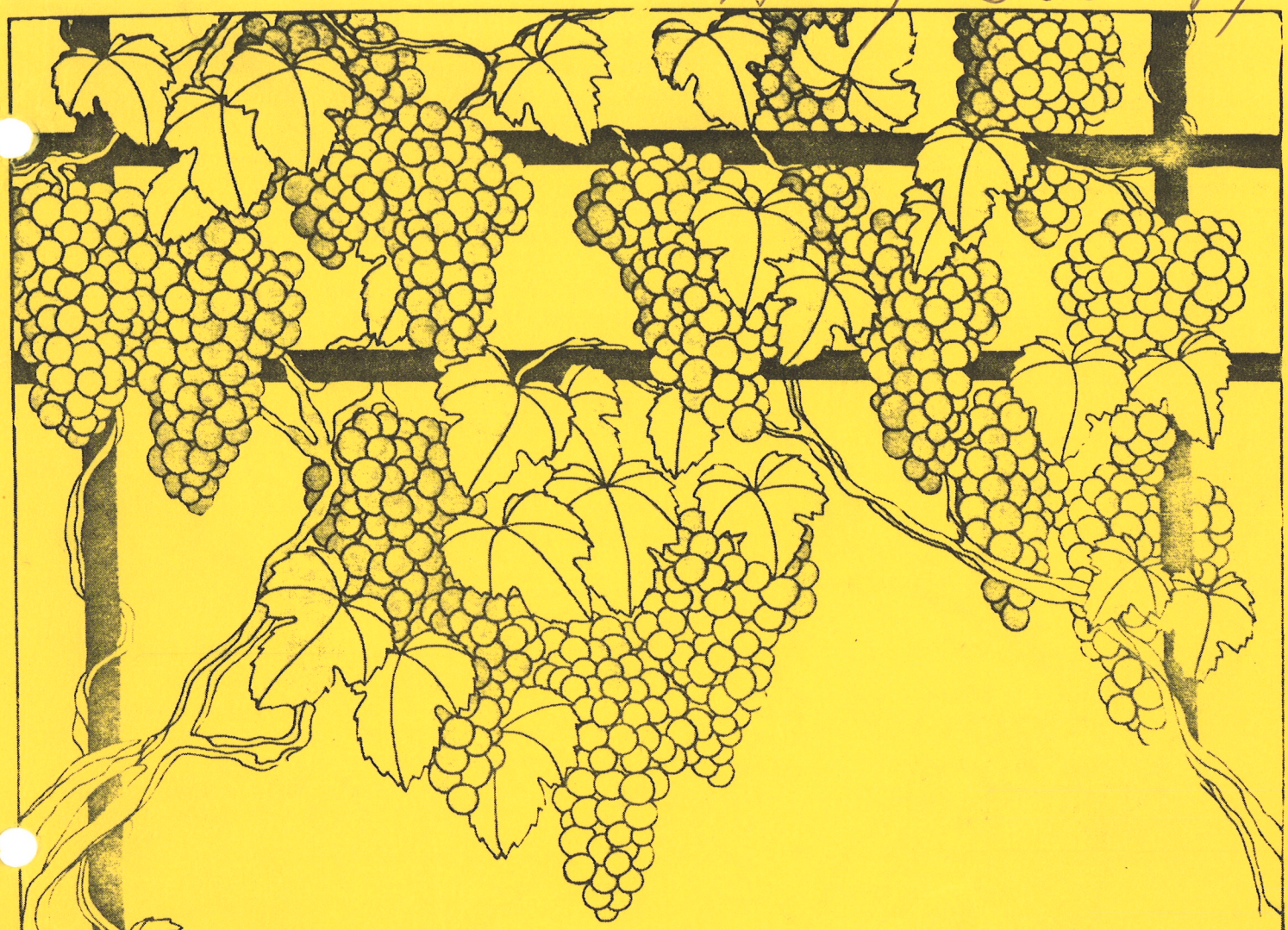


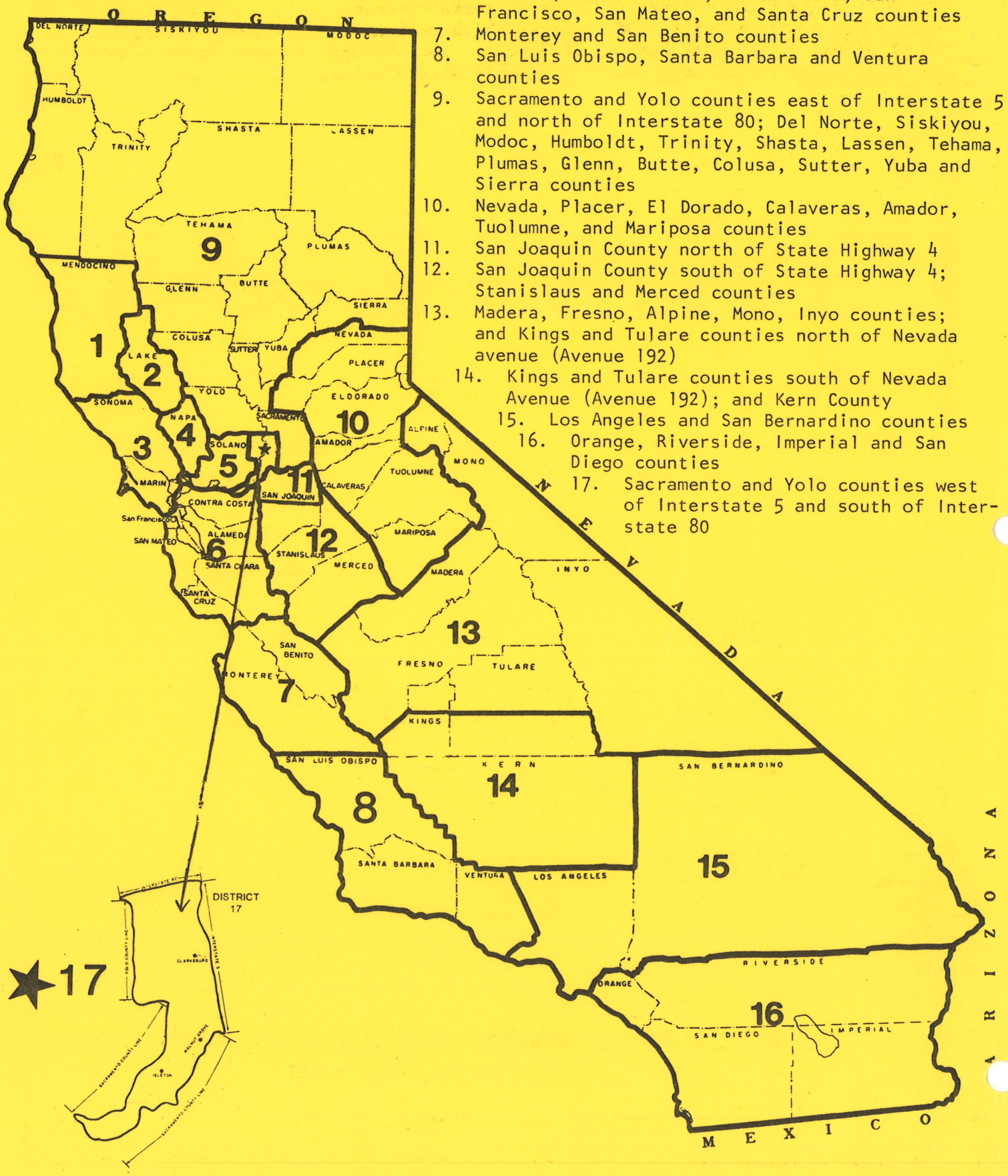
FINAL
GRAPE CRUSH REPORT
1983 CROP
MARCH 9, 1984

CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE
Sacramento, California

CLARE BERRYHILL, DIRECTOR

DEFINITION
OF
DISTRICTS

1. Mendocino County
2. Lake County
3. Sonoma and Marin counties
4. Napa County
5. Solano County
6. Alameda, Contra Costa, Santa Clara, San Francisco, San Mateo, and Santa Cruz counties
7. Monterey and San Benito counties
8. San Luis Obispo, Santa Barbara and Ventura counties
9. Sacramento and Yolo counties east of Interstate 5 and north of Interstate 80; Del Norte, Siskiyou, Modoc, Humboldt, Trinity, Shasta, Lassen, Tehama, Plumas, Glenn, Butte, Colusa, Sutter, Yuba and Sierra counties
10. Nevada, Placer, El Dorado, Calaveras, Amador, Tuolumne, and Mariposa counties
11. San Joaquin County north of State Highway 4
12. San Joaquin County south of State Highway 4; Stanislaus and Merced counties
13. Madera, Fresno, Alpine, Mono, Inyo counties; and Kings and Tulare counties north of Nevada avenue (Avenue 192)
14. Kings and Tulare counties south of Nevada Avenue (Avenue 192); and Kern County
15. Los Angeles and San Bernardino counties
16. Orange, Riverside, Imperial and San Diego counties
17. Sacramento and Yolo counties west of Interstate 5 and south of Interstate 80



ERRATA TO THE FINAL GRAPE CRUSH REPORT - 1983 CROP

The attached outline summary pertains to certain errors and/or omissions in wine grape purchase prices and tonnages which were discovered after release of the Final Grape Crush Report, 1983 crop. Those wineries involved included Beaulieu Vineyards Winery, Sonoma Vineyards Winery and Franzia Winery.

ERRATA TO THE FINAL GRAPE CRUSH REPORT - 1983 CROP

TABLE 4 (Total Tons Purchased)

District 4 - Cabernet Sauvignon purchased tons should have read 12,759.2 tons instead of 11,852.9 tons (a 7% increase in purchased tons compared to Final Grape Crush Report)

District 12 - French Colombard purchased tonnage should have read 84,159.8 tons instead of 80,094.2 tons (a 5% increase in purchased tonnage for district compared to Final Grape Crush Report).

- Petite Sirah purchased tonnage should have read 4747.9 tons instead of 2951.2 tons (a 61% increase in purchased tonnage for district compared to Final Grape Crush Report).

TABLE 5 (Average Brix of Purchased Tonnage)

District 4 - Cabernet Sauvignon

District 12 - French Colombard and Petite Sirah

TABLE 6 (Weighted Average Price Dollars Per Ton)

District 3 - Chardonnay final weighted average price for 2 separate lots incorrectly reported by winery on January 10, 1984

#1 lot of 84.3 tons at $650.00 per ton should have been $702.00.

#2 lot of 168.2 tons at $650.00 per ton should have been $669.50.

Brix adjustment factors for the above lots were also in error.

In addition, Brix adjustment factors for several other lots of Chardonnay were incorrectly shown in the Final Grape Crush Report although prices were reported correctly.

District 4 - Cabernet Sauvignon weighted average price was incorrectly reported in final Grape Crush Report. One large lot purchase price was omitted while one smaller size lot should have been excluded.

District 12 - French Colombard and Petite Sirah, possible weighted average price correction.

TABLE 8 (Base Prices, Brix Factors and Percentage)

District 3 - Several Chardonnay Brix factors and percentages incorrectly reported in Final Grape Crush Report.

District 4 - Cabernet Sauvignon base price, Brix code and percent incorrectly stated in Final Grape Crush Report for one lot representing 7.1% and another lot representing 1.5% of purchased tonnage.

District 12 - French Colombard base price, Brix code and percent incorrectly stated for one lot representing 4.8% of purchased tons.

Petite Sirah base price, Brix code and percent incorrectly stated for one lot representing 37.9% of purchased tonnage.

ERRATA TO THE PRELIMINARY GRAPE CRUSH REPORT
1983 CROP

Some of the information in the Preliminary Grape Crush Report - 1983 Crop for District 14 contained 1983 winery reports which invalidated much of the varietal information for this district. This also had some effect on the statewide varietal totals and averages.

The following tables contain revised information for District 14 and the 1983 State totals for Tables 1 through 6 and Table 8 of the February 10, 1984 Preliminary Grape Crush Report - 1983 Crop.

Type and Variety	Tables 1 & 2 Total Tons Crushed		Tables 1 & 3 Average Brix Crushed		Tables 1 & 4 Total Tons Purchased		Tables 1 & 5 Average Brix Purchased		Tables 1 & 6 Weighted Average Dollars Per Ton	
	District 14	1983 State Total	District 14	1983 State Total	District 14	1983 State Total	District 14	1983 State Total	District 14	1983 State Total
RAISIN GRAPES:										
Black Corinth	---	---	---	---	---	---	---	---	---	---
Fiesta	174.0	174.0	25.4	25.4	---	---	---	---	---	---
Muscats	10,091.3	35,129.9 a/	20.9	21.1 a/	6,566.1	23,518.7 a/	20.7	21.0 a/	129.17	131.90 a/
Sultana	---	659.1	---	19.8	---	224.3	---	19.3	---	99.71
*Thompson Seedless	87,265.0	286,478.6	20.1	20.2	40,594.4	152,973.4	19.0	19.8	102.23	101.01
Packinghouse Culls	339.7	5,229.6 a/	19.3	18.9 a/	128.9	3,154.6 a/	18.4	17.3 a/	23.00	22.12 a/
Other Raisin	---	---	---	---	---	---	---	---	---	---
*TOTAL RAISIN	97,870.0	327,671.2 a/	20.2	20.2 a/	47,289.4	179,871.0 a/	19.2	20.0 a/	105.76	103.66 a/
TABLE GRAPES:										
Almeria	486.5	669.6	19.3	18.8	91.4	207.1	17.4	17.7	110.00	108.71
Black Morocco	---	---	---	---	---	---	---	---	---	---
Black Prince	---	181.6	---	20.3	---	65.7	---	22.1	---	80.00
Blackrose	---	178.1 a/	---	19.8 a/	---	---	---	---	---	---
Calmeria	7,186.6	10,169.5	18.3	18.4	2,887.1	5,750.9	19.1	18.9	107.12	105.63
Cardinal	638.5	774.3	21.5	21.4	115.0	173.5	23.0	22.4	110.00	81.85
Concord	---	a/b/	---	a/b/	---	b/	---	b/	---	b/
Cornichon	---	55.0	---	19.0	---	---	---	---	---	---
Emperor	26,402.5	37,477.6 a/	17.6	17.4 a/	17,078.4	25,556.0 a/	17.4	17.3 a/	108.40	107.53 a/
Exotic	323.3	323.3	19.2	19.2	---	---	---	---	---	---
Flame Seedless	1,432.7	2,000.3	22.8	22.1	625.2	656.3	23.9	23.9	75.24	75.23
Gold	---	a/	---	a/	---	---	---	---	---	---
Golden Muscat	139.8	370.9	15.5	18.6	---	---	---	---	---	---
Italia	276.9	331.5	19.7	19.8	57.6	106.5	18.4	19.4	110.00	119.18
Olivette Blanche	---	a/	---	a/	---	---	---	---	---	---
Perlette	---	35.5 b/	---	23.2 b/	---	---	---	---	---	---
Queen	247.3	285.7	18.2	18.1	---	26.4	---	17.0	---	110.00
Red Malaga	605.7	899.8 a/	18.0	18.4 a/	569.8	665.7 a/	17.7	18.0 a/	72.84	73.97 a/
Ribier	7,659.7	11,585.5 a/	19.0	18.7 a/	1,142.7	4,586.3 a/	18.1	18.0 a/	99.37	94.51 a/
Rish Baba	---	138.2 b/	---	19.4 b/	---	---	---	---	---	---
Ruby Seedless	478.8	1,405.7	20.4	19.3	230.3	900.5	19.6	19.8	101.50	77.64
Scarlet	---	a/	---	a/	---	a/	---	a/	---	a/
Superior Seedless	311.8	311.8	19.5	19.5	309.8	309.8	19.5	19.5	65.00	65.00
Tokay	895.4	87,370.2 a/	14.4	17.1 a/	835.4	62,715.7	14.0	16.6	100.00	159.16
White Malaga	4,811.2	25,207.0	18.6	18.0	4,643.6	21,048.8	18.6	17.9	120.68	105.80
*Packinghouse Culls	26.5	1,777.1	21.3	17.2	---	1,584.4	---	17.2	---	28.73
Other Table	1,202.9	2,211.2	18.8	18.8	69.0	312.1	23.8	14.6	85.00	70.24
*TOTAL TABLE	53,311.9	183,924.8 a/b/	18.2	17.6 a/b/	28,655.3	124,816.6 a/b/	17.9	17.2 a/b/	107.66	130.94 a/b/

* Revised information for these varieties.

Errata to the Preliminary Grape Crush Report - 1983 Crop (Cont'd)

Type & Variety	Tables 1 & 2 Total Tons Crushed		Tables 1 & 3 Average Brix Crushed		Tables 1 & 4 Total Tons Purchased		Tables 1 & 5 Average Brix Purchased		Tables 1 & 6 Weighted Average Dollars per Ton	
	District 14	1983 State Total	District 14	1983 State Total	District 14	1983 State Total	District 14	1983 State Total	District 14	1983 State Total
WINE GRAPES: (White)										
Burger	2,924.2	16,565.6	14.6	15.5	1,860.2	11,261.3a/	14.3	15.3a/	175.00	150.60a/
Chardonnay	---	50,817.3b/	---	22.0b/	---	30,608.9a/b/	---	22.0a/b/	---	987.95a/b/
Chasselas Dore	---	a/	---	a/	---	a/	---	a/	---	a/
*Chenin Blanc	45,382.0	244,283.4a/	18.0	19.0a/	35,147.6	193,078.6a/	18.0	18.9a/	120.30	187.71a/
*Emerald Riesling	15,318.8	23,160.3a/	18.7	18.8a/	12,547.5	18,242.0	18.8	18.9	133.51	138.89
Feher Szagos	---	1,322.9	---	19.4	---	987.9	---	19.1	---	107.13
Flora	1,136.4	2,085.0a/	24.2	22.5a/	1,129.5	1,323.7a/	24.2	23.8a/	75.00	131.77a/
Folle Blanche	---	833.8	---	18.2	---	a/	---	a/	---	a/
*French Colombard	90,013.6	464,888.7	19.1	20.0	80,095.4	394,695.2	18.9	19.9	118.82	155.84
*Gewurztraminer	---	10,163.1a/b/	---	21.4a/b/	---	5,903.3a/b/	---	21.1a/b/	---	505.27a/b/
*Gray Riesling	521.4	10,544.5a/b/	20.9	19.9a/b/	521.4	7,903.8b/	20.9	19.7b/	100.00	280.00b/
Green Hungarian	540.7	2,018.0	17.0	17.6	200.8	1,605.8	16.0	17.4	72.72	275.63
Helena	---	87.9	---	18.6	---	---	---	---	---	---
Kleinberger	---	---	---	---	---	---	---	---	---	---
Malvasia Bianca	1,740.2	7,648.8	20.7	20.2	1,740.2	7,583.2	20.8	20.2	290.36	242.83
Melon	---	72.3	---	19.4	---	---	---	---	---	---
Muscadelle Du Bordelais	---	---	---	---	---	---	---	---	---	---
Muscat Blanc	1,230.4	11,288.7a/	20.8	20.4a/	1,230.4	9,701.4a/	20.8	20.1a/	114.58	184.53a/
Orange Muscat	---	57.5a/b/	---	18.2a/b/	---	44.8b/	---	17.0b/	---	300.00b/
Palomino	1,821.5	16,942.2a/	15.8	18.8a/	1,812.0	12,151.8a/	15.6	18.6a/	130.03	117.47a/
Pedro Ximenes	463.7	463.7	20.7	20.7	39.0	39.0	23.4	23.4	75.00	75.00
Peverella	3,032.3	3,057.2a/	20.9	20.9a/	3,012.3	3,012.3	20.9	20.9	117.87	117.87
Pinot Blanc	---	5,531.0a/	---	20.3a/	---	2,801.5a/	---	20.0a/	---	472.89a/
Red Veltliner	---	185.3	---	18.4	---	---	---	---	---	---
*Sauvignon Blanc	325.1	39,452.0b/	19.4	21.5b/	---	25,242.5a/b/	---	21.5a/b/	---	487.43a/b/
Sauvignon Mosque	---	a/	---	a/	---	---	---	---	---	---
Sauvignon Vert	---	998.6a/	---	21.5a/	---	518.1a/	---	21.3a/	---	245.32a/
Scheurebe	---	37.3a/	---	23.6a/	---	---	---	---	---	---
*Semillon	2,960.3	15,654.8a/	19.1	20.3a/	2,097.1	11,637.4a/	19.3	19.8a/	101.02	211.59a/
St. Emilion (Ugni Blanc)	2,156.8	10,466.1a/	19.4	18.8a/	1,500.0	9,223.1	19.8	18.8	104.02	132.31
*Sylvaner	---	5,571.5b/	---	20.2b/	---	2,961.1b/	---	20.2b/	---	222.63b/
White Riesling	---	26,833.6a/b/	---	20.4a/b/	---	18,340.7a/	---	20.0a/	---	422.82a/
*Other White	3,366.0	6,293.7a/	19.3	19.9a/	3,310.4	5,474.9a/	19.3	19.9a/	52.81	106.93a/
*TOTAL WHITE	173,855.2	977,332.2a/b/	18.8	19.8a/b/	146,897.0	774,350.6a/b/	18.8	19.7a/b/	120.68	219.55a/b/
WINE GRAPES: (Black)										
Aleatico	---	360.8a/	---	22.0a/	---	360.6	---	22.0	---	132.61
Alicante Bouschet	839.3	2,132.9a/	18.2	19.8a/	---	656.9a/	---	20.2a/	---	105.16a/
Almission	---	---	---	---	---	---	---	---	---	---
Aramon	---	a/	---	a/	---	a/	---	a/	---	a/
*Barbera	29,201.3	125,984.5a/	22.6	22.0a/	25,590.9	96,579.7a/	22.7	22.0a/	87.75	121.81a/
Blue Elbe	---	84.7	---	18.5	---	---	---	---	---	---
Black Malvoisie	1,008.4	1,727.0a/	17.2	18.9a/	997.8	1,237.6a/	17.1	18.1a/	75.00	85.96a/
Cabernet Franc	---	650.3a/	---	22.6a/	---	290.9a/	---	22.6a/	---	962.86a/
*Cabernet Sauvignon	712.6	70,428.2b/	24.0	22.4b/	712.1	42,005.8b/	24.0	22.3b/	75.00	467.22b/
Calzin	---	a/	---	a/	---	a/	---	a/	---	a/
*Carignane	13,242.4	127,246.4a/	21.8	21.3a/	8,072.3	67,527.7a/	21.8	21.4a/	93.30	122.60a/
Carmine	---	a/	---	a/	---	a/	---	a/	---	a/
Carnelian	4,953.8	13,966.4a/	22.0	21.7a/	4,205.4	12,270.8	21.7	21.5	73.80	106.02
Centurian	---	7,107.6a/b/	---	21.1a/b/	---	6,919.5a/b/	---	21.0a/b/	---	122.84a/b/
Charbono	---	442.5a/	---	20.0 a/	---	192.8a/	---	21.3a/	---	423.39a/
Early Burgundy	---	815.9	---	22.6	---	243.2a/	---	21.7a/	---	221.43a/
*Gamay (Napa)	---	14,818.0a/b/	---	20.3a/b/	---	7,336.4b/	---	20.4b/	---	234.46b/
Gamay Beaujolais	---	7,976.5a/b/	---	21.6a/b/	---	3,497.0a/b/	---	21.5a/b/	---	328.61a/b/
Grand Noir	---	a/	---	a/	---	a/	---	a/	---	a/
*Grenache	19,409.1	87,116.5a/	20.7	20.8a/	17,212.9	72,553.9a/	20.7	20.6a/	107.05	133.25a/
Grignolino	---	121.3	---	21.4	---	39.1	---	20.7	---	100.00
Malbec	---	219.9a/	---	25.1a/	---	214.6a/	---	25.1a/	---	194.74a/
Mataro	---	208.4a/	---	21.1a/	---	193.1a/	---	20.9a/	---	101.60a/
Merlot	---	7,955.6a/	---	22.5a/	---	4,119.5a/	---	22.5a/	---	564.93a/
*Mission	---	15,590.0a/b/	---	22.3a/b/	---	12,721.6a/b/	---	22.5a/b/	---	100.41a/b/
Muscat Hamburg	---	151.5a/	---	20.3a/	---	139.3a/	---	20.7a/	---	115.92a/
Nebbiolo	249.4	1,337.3a/	21.8	21.2a/	249.4	1,335.6	21.8	21.2	75.00	106.46
Petite Bouschet	---	---	---	---	---	---	---	---	---	---
*Petite Sirah	1,855.5	28,653.8a/	24.6	21.4a/	775.2	15,388.1a/	25.0	21.9a/	63.92	164.69a/
Petite Verdot	---	a/	---	a/	---	---	---	---	---	---
Pinot Noir	---	30,147.0a/	---	20.4a/	---	21,256.5a/	---	20.3a/	---	524.29a/
Pinot St. George	---	759.0	---	21.7	---	214.3a/	---	20.6a/	---	299.07a/
Refosco/Mondeuse	---	219.9	---	21.1	---	138.7a/	---	20.9a/	---	220.38a/
Royalty	2,125.0	8,087.3	23.0	22.4	1,666.4	6,200.1	23.4	22.6	114.60	118.48
Rubired	24,403.6	62,018.4	22.3	22.2	19,845.5	44,121.6	22.4	22.4	112.35	114.02
*Ruby Cabernet	22,744.1	92,500.0a/	23.7	22.1a/	21,087.6	73,699.4a/	23.7	22.2a/	81.05	108.48a/
Salvador	6,975.7	7,745.4a/	21.5	21.4a/	5,749.7	6,329.7a/	22.1	21.8a/	110.93	110.27a/
Sangioveto	---	a/	---	a/	---	---	---	---	---	---
Souzao	---	82.7	---	23.7	---	36.3	---	26.8	---	100.00
St. Macaire	---	351.3a/	---	21.6a/	---	273.6a/	---	21.4a/	---	126.12a/
Syrah/French Syrah-Shiraz	---	447.7a/	---	23.0a/	---	29.6a/	---	22.0a/	---	508.34a/
Tinta Cao	---	a/	---	a/	---	---	---	---	---	---
Tinta Madeira	82.7	1,084.6	26.0	23.2	---	277.8	---	21.2	---	95.93
Touriga	---	45.5	---	24.3	---	a/	---	a/	---	a/
Valdepenas	---	5,698.8	---	21.4	---	2,740.1	---	21.6	---	113.11
Zinfandel	---	80,050.0b/	---	21.6b/	---	50,538.0b/	---	21.7b/	---	267.98b/
*Other Black	666.3	4,758.6a/	21.0	20.9a/	---	1,984.1a/	---	21.0a/	---	128.31a/
TOTAL BLACK	129,718.8	809,176.7a/b/	22.3	21.6a/b/	107,411.7	553,734.8a/b/	22.4	21.7a/b/	94.88	182.86a/b/
*TOTAL WINE	303,574.0	1,786,508.9	20.3	20.6	254,308.7	1,328,085.4	20.3	20.5	109.79	204.25
TOTAL ALL VARIETIES	454,755.9	2,298,104.9	20.0	20.3	330,253.4	1,632,773.0	19.9	20.2	109.02	187.57

a/ Some districts or State totals for this variety are less than 25 tons.
b/ Variety data in one or more districts are not shown in order to avoid disclosure of individual operations but they are generally included in the district and State sum totals.
* Revised information for these varieties.

Table 8. Base price paid to growers for grapes crushed, delivered California wineries, with Brix factors & percent, by type, by variety, & reporting district where grown, 1983 season

DISTRICT 14

Variety	Base Price (Dollars Per Ton)	Brix Factors (Code a/)	Percent of Variety (Percent)
RAISIN GRAPES			
Muscats	75.00	0010	.1
	90.00	0010	3.1
	100.00	0010	b/
	110.00	0010	22.2
	125.00	0970	2.3
	130.00	0010	52.1
	150.00	0010	6.0
	150.00	0970	4.8
	160.00	0010	9.4
* Thompson Seedless	2.50 c/	0300	.1
	3.00 c/	0300	b/
	55.00	0010	.8
	58.00	0010	.4
	60.00	0010	3.8
	65.00	0010	7.3
	75.00	0010	13.9
	80.00	0437	.6
	80.98	0010	4.4
	85.00	0010	2.7
	100.00	0010	20.4
	100.00	0858	6.9
	100.00	2095	3.4
	110.00	0010	.5
	110.00	0370	.7
	125.00	0010	20.2
	125.00	0858	1.4
	150.00	0436	12.5
Packinghouse Culls	1.25 c/	0300	100.0
TABLE GRAPES			
Almeria	110.00	0010	100.0
Calmeria	75.00	0010	1.3
	85.00	0010	1.9
	90.00	0010	7.4
	100.00	0847	4.7
	110.00	0010	84.7
Cardinal	110.00	0010	100.0
Emperor	40.00	0010	1.5
	60.00	0010	.4
	75.00	0010	.2
	85.00	0010	.3
	90.00	0010	1.1
	110.00	0010	96.5
Flame Seedless	75.00	0010	97.6
	85.00	0010	2.4
Italia	110.00	0010	100.0
Red Malaga	65.00	0010	21.6
	75.00	0010	78.4
Ribier	4.00 c/	0300	3.9
	75.00	0854	6.9
	85.00	0010	25.4
	110.00	0010	63.8
Ruby Seedless	85.00	0010	34.0
	110.00	0010	66.0
Superior Seedless	65.00	0010	100.0
Tokay	100.00	0010	100.0
White Malaga	75.00	0010	2.1
	100.00	0010	23.5
	100.00	0858	.7
	110.00	0010	39.1
	150.00	0436	34.6
WINE GRAPES (White)			
Burger	175.00	0010	100.0
Chardonnay	125.00	0010	100.0
* Chenin Blanc	1.25 c/	0300	.4
	3.50 c/	0300	.2
	3.75 c/	0300	11.2
	55.42	0010	12.1
	60.00	0010	.7
	80.00	0432	.2
	80.00	0509	.4
	85.00	0509	.6
	90.00	0010	.7
	100.00	0010	5.9
	110.00	0010	35.9
	110.00	0525	.4
	150.00	0431	2.8
	175.00	0010	10.1
	185.00	0525	.8
	195.00	0525	3.9
	200.00	0525	9.3
	210.00	0946	4.4
* Emerald Riesling	3.50 c/	0300	.6
	3.75 c/	0300	1.8
	50.00	0010	4.4
	100.00	0010	12.4
	100.00	0851	.7
	110.00	0010	40.0
	150.00	0010	8.0
	150.00	0851	.7
	190.00	0010	31.4
Flora	75.00	2095	100.0
* French Colombard	3.50 c/	0300	.2
	3.75 c/	0300	2.5
	50.19	0010	1.8
	55.50	0010	2.3
	80.00	0010	.4
	80.00	0431	1.6
	85.00	0010	4.4
	85.00	0525	1.2
	90.00	0010	.1
	90.00	0431	.9
	100.00	0010	5.9
	100.00	0431	1.5
	110.00	0010	52.9
	110.00	0851	.1
	110.00	0940	.9
	145.00	0848	.1
	150.00	0010	1.3
	150.00	0431	.9
	150.00	0851	b/
	150.00	0965	.6
	175.00	0010	5.8
	175.00	0851	.2
	175.00	0940	2.9
	175.00	0943	1.4
	180.00	0010	.2
	185.00	0940	2.9
	190.00	0010	2.6
	200.00	0010	3.5
	200.00	0851	.9
* Gewurztraminer	50.00	0010	100.0
* Gray Riesling	50.00	0010	1.1
	100.00	0010	98.9
Green Hungarian	60.00	0010	74.6
	110.00	0010	25.4
Malvasia Bianca	85.00	0010	4.5
	300.00	0010	95.5
Muscat Blanc	110.00	0010	90.8
	160.00	0010	9.2
Palomino	75.00	0010	9.7
	85.00	0010	5.2
	110.00	0010	47.1
	175.00	0010	38.0
Pedro Ximenes	75.00	0010	100.0
Peverella	100.00	2095	64.3
	150.00	0010	35.7
St. Emilion (Ugni Blanc)	75.00	0010	6.8
	85.00	0010	14.4
	110.00	0010	78.8
* Sauvignon Blanc	50.00	0010	100.0
* Semillon	3.50 c/	0300	1.3
	60.00	0010	6.0
	75.00	0010	12.6
	100.00	0010	13.0
	110.00	0010	67.1
* Sylvaner	50.00	0010	100.0
WINE GRAPES (Black)			
* Barbera	48.12	0010	7.8
	60.00	0010	.8
	65.00	2095	.8
	75.00	0010	8.6
	75.00	4182	17.0
	82.00	0010	.7
	85.00	0010	6.6
	95.00	0010	29.8
	100.00	0010	11.6
	100.00	0966	8.7
	110.00	0010	1.1
	120.00	0010	5.6
	125.00	3856	.9
Black Malvoisie	75.00	0010	100.0
* Cabernet Sauvignon	50.00	0010	38.2
	75.00	4181	61.8
* Carignane	50.00	0010	5.7
	60.00	4182	2.1
	70.00	2095	2.5
	75.00	0010	24.4
	75.00	2090	5.7
	85.00	0010	1.0
	90.00	4165	26.7
	94.00	0010	1.0
	100.00	0010	7.2
	135.00	0010	23.7
Carnelian	75.00	0010	56.6
	75.00	0435	31.3
	75.00	0965	12.1
* Gamay (Napa)	67.50	0010	100.0
* Gamay Beaujolais	50.00	0010	100.0
* Grenache	48.81	0010	5.0
	65.00	0010	.7

(Continued)

Table 8. Base price paid to growers for grapes crushed, delivered California wineries, with Brix factors & percent, by type, by variety, & reporting district where grown, 1983 season (Cont'd)

Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety
	Dollars Per Ton	Code a/	Percent		Dollars Per Ton	Code a/	Percent		Dollars Per Ton	Code a/	Percent		Dollars Per Ton	Code a/	Percent
							DISTRICT 14 (Cont'd)								
* Grenache (Cont'd)	75.00	0010	3.5	Royalty	110.00	0010	37.0	* Ruby Cabernet	47.13	0010	8.3	* Ruby Cabernet (Cont'd)	110.00	0010	6.7
	75.00	0969	.9		110.00	0970	27.3		60.00	2090	1.2		125.00	1760	.5
	85.00	0010	3.5		115.00	0970	7.5		60.00	2095	4.5				
	100.00	0010	6.2		125.00	0010	28.2		65.00	2095	1.8	Salvador	75.00	2090	8.3
	110.00	0010	57.0						70.00	2095	2.7		100.00	0510	5.0
	125.00	0010	23.2	Rubired	75.00	0010	2.8		72.00	0010	4.7		110.00	0010	7.5
					90.00	0010	4.9		75.00	0010	1.9		110.00	0508	37.0
* Mission	50.00	0010	100.0		100.00	4183	.8		75.00	2090	1.6		115.00	0508	20.1
					100.00	4184	7.0		75.00	4182	31.2		125.00	0010	22.1
Nebbiolo	75.00	0010	100.0		110.00	0010	25.3		79.00	0010	.7				
					110.00	0970	19.1		85.00	0010	.1	Zinfandel	65.00	0010	25.8
* Petite Sirah	50.00	0010	70.5		110.00	4184	1.5		85.00	0966	2.3		110.00	0010	3.8
	75.00	0010	3.3		115.00	0970	5.7		95.00	4165	20.0		125.00	0010	70.4
	100.00	0010	26.2		125.00	0010	23.4		100.00	0010	12.0				
					125.00	1760	9.5								

a/ See code descriptions beginning on page 39.
b/ Less than 0.1 percent.
c/ Price basis per degree Brix.
* Indicates variety information which was recalculated and/or unreported in the Preliminary Grape Crush Report, 1983 crop.

ERRATA TO THE PRELIMINARY GRAPE CRUSH REPORT - 1983 CROP (Cont'd)

Due to errors in winery reports, the following reflects a revision to Table 8, District 4, Cabernet Sauvignon variety

Table 8. Base price paid to growers for grapes crushed, delivered California wineries, with Brix factors & percent, by type, by variety, & reporting district where grown, 1983 season

DISTRICT 4

Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety
	Dollars Per Ton	Code a/	Percent		Dollars Per Ton	Code a/	Percent		Dollars Per Ton	Code a/	Percent		Dollars Per Ton	Code a/	Percent
Cabernet Sauvignon	200.00	1730	.6	Cabernet Sauvignon (Cont'd)	747.50	5085	.1	Cabernet Sauvignon (Cont'd)	893.22	4878	.8	Cabernet Sauvignon (Cont'd)	1,003.20	0010	1.5
	300.00	0010	b/		750.00	0010	.9		900.00	0010	4.2		1,009.00	0010	b/
	350.00	0010	.3		750.00	0235	.8		900.00	0230	.2		1,016.00	0010	.2
	400.00	0010	.1		781.60	0010	.4		900.00	0235	.4		1,050.00	0010	1.1
	400.00	4820	9.3		800.00	0010	3.2		900.00	0258	.2		1,066.00	0010	.5
	415.00	0010	.2		800.00	0200	.1		900.00	6080	.1		1,100.00	0010	2.3
	425.00	0010	b/		800.00	0250	.1		906.06	0010	.5		1,107.00	5195	.4
	450.00	0010	b/		800.00	4497	1.8		909.28	0010	.4		1,114.80	0010	.2
	450.00	4905	.5		800.00	4915	4.5		909.62	0010	1.0		1,150.00	0010	1.1
	500.00	0010	1.6		800.00	5195	.5		909.81	0010	.4		1,172.73	0010	.2
	550.00	0010	1.1		800.00	6080	.4		910.32	0010	.4		1,200.00	0010	.5
	564.00	0010	.2		810.00	0223	.8		912.04	0010	.6		1,200.00	0150	.9
	600.00	0010	.7		825.00	0010	.5		913.00	0010	1.3		1,200.00	6080	.6
	600.00	3895	1.0		825.00	0030	.4		915.00	0010	.2		1,250.00	0010	.4
	600.00	4520	14.0		827.00	0010	.3		925.00	0010	.7		1,250.00	0235	b/
	600.00	4715	4.7		836.00	0010	b/		936.00	0010	.7		1,280.00	0010	1.2
	650.00	4510	.4		840.00	0010	b/		950.00	0010	.3		1,334.00	0010	.5
	675.00	3963	1.6		850.00	0010	3.1		950.00	0225	.5		1,350.00	0010	.1
	680.00	0010	.6		850.00	0043	.1		975.00	0010	1.0		1,400.00	0010	.1
	700.00	0010	1.1		850.00	0230	.3		980.00	0010	.6		1,700.00	0010	.2
	720.00	0010	.2		850.00	0250	.2		1,000.00	0010	2.2		2,000.00	0217	.7
	738.00	1884	13.5		890.00	0010	.1		1,000.00	0150	.3				

a/ See code descriptions beginning on page 39.
b/ Less than 0.1 percent.

ERRATA TO THE FINAL GRAPE CRUSH REPORT
1983 CROP

Due to misreported information by wineries the following are revisions to the March 9, 1984 Final Grape Crush Report. This information was received too late to be included in report tables 1-6, however, table 8 does include these revisions. Figures not listed below did not change from the Final report.

EXAMPLE OF REVISION

		Table 2 District 9
Chenin Blanc	Original figure:	~~2,961.9~~
	Revised to:	3,187.0

Type and Variety	Table 2 Total Tons Crushed		Table 3 Avg. Brix Crushed		Table 4 Total Tons Purchased			
	District 9	District 11	District 9	District 11	District 4	District 9	District 11	1983 State Total*
Chenin Blanc	~~2,961.9~~ 3,187.0	~~27,050.2~~ 26,825.1	19.9 20.1			~~1,679.2~~ 1,904.3	~~23,800.4~~ 23,575.3	
Emerald Riesling	~~0~~ 372.9	~~446.9~~ 74.0	~~0~~ 21.1	~~21.3~~ 22.3		~~0~~ 372.9	~~372.9~~ 0	
French Colombard	~~1,835.0~~ 1,983.9	~~27,639.3~~ 27,490.4				~~1,822.4~~ 1,971.3	~~26,280.3~~ 26,131.4	
Sauvignon Blanc	~~88.3~~ 641.0	~~6,710.4~~ 6,157.7	~~23.3~~ 21.3			~~52.3~~ 605.0	~~6,116.5~~ 5,563.8	
Semillon	~~0~~ 468.1	~~967.4~~ 499.3	~~0~~ 22.4			~~0~~ 468.1	~~939.0~~ 470.9	
Total White	~~5,129.3~~ 6,897.0	~~77,309.2~~ 75,541.5	~~20.0~~ 20.4	~~19.3~~ 19.2		~~3,784.0~~ 5,551.7	~~67,724.1~~ 65,956.4	
Cabernet Sauvignon	~~206.1~~ 2,454.2	~~5,929.7~~ 3,681.6	~~22.6~~ 22.0	~~22.6~~ 22.9	~~12,948.8~~ 11,852.6	~~180.5~~ 2,428.6	~~5,284.2~~ 3,036.1	~~47,792.5~~ 46,696.3
Zinfandel	~~1,370.4~~ 2,329.3	~~31,529.4~~ 30,570.5	~~22.3~~ 20.0	~~21.9~~ 22.1		~~1,287.6~~ 2,246.5	~~22,928.9~~ 21,970.0	
Total Black	~~7,402.7~~ 10,609.7	~~69,424.4~~ 66,217.4	~~21.3~~ 21.0	~~21.7~~ 21.8	~~28,908.9~~ 27,812.7	~~6,748.7~~ 9,955.7	~~47,056.7~~ 43,849.7	~~592,735.1~~ 591,638.9
Total Wine	~~12,532.0~~ 17,506.7	~~146,733.6~~ 141,758.9			~~59,984.8~~ 58,888.6	~~10,532.7~~ 15,507.4	~~114,780.8~~ 109,806.1	~~1,392,542.3~~ 1,391,446.1
Total All Varieties	~~13,028.5~~ 18,003.2	~~234,298.7~~ 229,324.0			~~59,984.8~~ 58,888.6	~~11,029.2~~ 16,003.9	~~179,815.1~~ 174,840.4	~~1,707,013.8~~ 1,705,917.6

* These revisions also apply to table 1.

Type and Variety	Table 5 Avg. Brix Purchased			Table 6 Weighted Avg. Dollars Per Ton			
	Dist. 9	Dist. 11	1983 State Total*	Dist. 4	Dist. 9	Dist. 11	1983 State Total*
Chenin Blanc	~~20.0~~ 20.4				~~177.18~~ 196.09	~~190.13~~ 188.72	
Emerald Riesling	~~0~~ 21.1	~~21.1~~ 0			~~0~~ 296.04	~~296.04~~ 0	
French Colombard					~~157.21~~ 168.87	~~166.18~~ 165.35	
Sauvignon Blanc	~~22.5~~ 21.2				~~400.96~~ 391.14	~~282.54~~ 271.85	
Semillon	~~0~~ 22.4				~~0~~ 369.68	~~358.95~~ 348.30	
Total White	~~20.1~~ 20.6	~~19.4~~ 19.3			~~189.38~~ 241.01	~~190.55~~ 186.24	
Cabernet Sauvignon	~~22.5~~ 22.0	~~22.6~~ 23.0	~~22.3~~ 22.4	~~731.89~~ 779.11	~~349.78~~ 235.29	~~239.26~~ 249.01	~~461.44~~ 467.08
Zinfandel	~~22.3~~ 19.9	~~21.8~~ 22.0			~~219.66~~ 215.54	~~215.09~~ 215.30	
Total Black	~~21.4~~ 21.1	~~21.7~~ 21.8		~~664.57~~ 682.04	~~139.29~~ 165.70	~~187.72~~ 185.27	~~185.08~~ 185.01
Total Wine	~~21.0~~ 20.9			~~738.89~~ 748.53	~~157.29~~ 192.66	~~189.39~~ 185.85	~~208.11~~ 208.10
Total All Varieties				~~738.89~~ 748.53	~~156.17~~ 190.80	~~178.69~~ 176.16	~~190.98~~ 190.97

* The revisions also apply to table 1.

TABLE OF CONTENTS

		PAGE
GRAPE CRUSH EXPLANATION		2-3
TABLE 1:	Grapes for Crushing: State totals by type and variety, weighted average degrees Brix, and weighted average dollars per ton, 1982-83	4
TABLE 2:	Tons of grapes crushed by California wineries from the 1983 crop by type, variety, and reporting district where grown, with comparisons	6
TABLE 3:	Weighted average degrees Brix for all grapes crushed by California wineries from the 1983 crop by type, variety, and reporting district where grown, with comparisons	10
TABLE 4:	Tons of grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy, by California wineries from the 1983 crop by type, variety, and reporting district where grown, with comparisons	12
TABLE 5:	Weighted average degrees Brix for all grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy, by California wineries from the 1983 crop by type, variety, and reporting district where grown, with comparisons	16
TABLE 6:	Weighted average grower returns per ton delivered basis purchased for wine, concentrate, juice, vinegar, and beverage brandy, by California wineries from the 1983 crop by type, variety, and reporting district where grown, with comparisons	18
TABLE 7:	Tons of grapes purchased by California wineries for distilling material other than beverage brandy from the 1983 crop by type and variety, with comparisons	22
TABLE 8:	Grapes for Crushing: Base prices paid to growers, delivered winery with Brix factors and percent at each price by California wineries, by type, variety, and reporting district where grown, 1983 season	23
TABLE 8:	(Supplement) Brix adjustment factor	40

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GRAPE CRUSH REPORT

Information contained in this report was supplied by vintners to fulfill the reporting requirements of Section 55601.5 of the Food and Agriculture Code.

This report includes all grape tonnage crushed, all tonnage purchased, and prices as of February 27, 1984 by California vintners. Data by varieties are shown for seventeen grape reporting districts as well as State totals with comparisons. In some cases, individual varietal price information and tons purchased have been omitted for one or more districts to avoid disclosure of individual operations. However, these prices and tons are included in the State averages and totals. Changes in tonnage, Brix, and prices from the preliminary report to this final report were due to reference price contracting and corrections to the original data.

All grapes crushed in 1983 reached 2,300,660 tons, down 26 percent from the record high 1982 crush, 5 percent below 1981, and 21 percent less than the large 1980 crush. This is the smallest total crush since 1976 when vintners reported 2,210,654 tons crushed. The crush of raisin type grapes totaled 328,866 tons, down 57 percent from the previous year. This is the smallest raisin variety crush since 1952. Thompson Seedless, the major raisin variety, was down 59 percent to 286,611 tons. Table varieties totaled 185,008 tons crushed, down 28 percent from last year but 2 percent above 1981. A decrease of 52 percent in the Tokay variety, with 87,370 tons, was reported. Other table varieties of significance were Emperor with 37,478 tons, two and one half times larger than a year ago; Ribier at 11,586 tons crushed, down 7 percent and Calmeria with 10,170 tons crushed, up 20 percent. All wine varieties crushed totaled 1,786,787 tons, down 14 percent from 1982 but 4 percent above 1981. Black varieties, with 809,481 tons, were down 25 percent and white varieties totaled 977,306 tons for a decrease of 2 percent. White wine varieties accounted for 55 percent of the wine variety crushed compared with 48 percent in 1982. This is the first time the crush of all white varieties has exceeded the quantity of all black varieties crushed.

The weighted average price per ton for all grapes purchased for wine, concentrate, juice, vinegar and beverage brandy was $190.98, down 2 percent from the 1982 price of $194.07. Weighted average price for raisin type grapes was $103.66 per ton, down $23.43; table type $131.76 per ton, down $16.77; and wine type $208.11 per ton, down $12.01. White wine varieties averaged $225.17 per ton, down $27.04 from 1982, while black wine varieties averaged $185.08 per ton, down $0.90 from last year. The weighted average degrees Brix for all grapes crushed was 20.3 and averaged 20.2 for all grapes purchased.

DEFINITIONS

Tonnage Crushed: Totals reported reflect the quantity crushed by variety and Grape Reporting District where the grapes were grown. Minor tonnages (less than 25 tons) are not included by varieties, but are included in district and State totals. Mixed varieties are included in "other" categories. Packinghouse culls are shown on a separate line for raisin and table type grapes.

Tonnage Purchased: Purchased tonnage reflects totals by variety, and district where grown, for all grapes with final prices not subject to change. Minor tonnages (less than 25 tons) are not included by variety, but are included in district and State totals. Grapes pooled by cooperatives and those grown by wineries and used for their own production are not included in purchases.

Weighted Average Prices: Weighted average prices reflect final prices as reported by wineries and include adjustments for sugar calculations and any bonuses or allowances.

Weighted average prices are reported by variety and district and include grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy. Prices for grapes purchased for grape distilling material, other than beverage brandy, are shown separately by variety but not by district in Table 7.

Prices do not include grower returns for tonnage pooled by cooperatives or returns for grapes grown by wineries and used for their own production.

Prices are equivalent to delivered basis in the area grown including normal within-area hauling allowances. Purchases made on a roadside basis include the usual hauling allowance for local delivery in the area grown. Out-of-area purchases made on a delivered basis do not include extra hauling costs for delivery outside the area.

Base Price: Base prices in this report are subject to adjustments to reflect quality of grapes when delivered. Adjustments principally reflect sugar content, but may reflect other quality factors such as defects of material other than grapes, etc.

Average Degrees Brix: Degrees Brix for tonnage crushed are weighted averages based on reports from cooperatives and independently owned wineries. Degrees Brix for purchased grapes are weighted averages based on tonnage where price is final and not subject to change.

Brix Adjustment Factors: The Brix adjustment factors determine adjustments to base prices to compensate for sugar variations. In this report, adjustments are expressed in dollars per ton, or percent of base price per degree variance from the established Brix base. Occasional lots are traded on price per degree Brix as delivered.

EXPLANATION OF TABLES

Table 1: Table 1 shows State summaries by types and varieties for all 1983 crop grape tonnages crushed, weighted average degrees Brix for all grapes crushed, total tons of grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy, weighted average degrees Brix of all grapes purchased and the weighted average price per ton for all grapes purchased for the above mentioned uses. Totals for 1982 are also shown for comparison.

Table 2: Table 2 includes all grape tonnage crushed including distilling materials by California wineries. This table is broken down by the 17 reporting districts by variety. The 1983 and 1982 State totals by variety are shown for comparison purposes. District totals are shown by grape type and total of all varieties. Tonnages of less than 25 for any variety are not displayed by districts. These minor tonnages are included in the State and district totals.

Table 3: Table 3 comprises the weighted average degrees Brix for all grapes crushed including distilling materials by California wineries from the 1983 crop by type, variety, and reporting district. The 1983 and 1982 State averages are shown for comparison purposes.

Table 4: Table 4 shows the total tons of grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy by all California wineries from the 1983 crop. Table 4 does not include tonnage purchased for distilling material. This table gives totals by type, variety, and reporting districts where grown. The 1983 and 1982 State totals are given for comparison purposes. Some district tonnages are not shown to avoid disclosure of individual operations.

Table 5: Table 5 shows the weighted average degrees Brix for all grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy by all California wineries from the 1983 crop. Distilling material grapes are not included. This table gives totals by type, variety, and reporting districts where grown. The 1983 and 1982 State totals are given for comparison purposes.

Table 6: Table 6 gives the weighted average price per ton of all individual winery reports received. This weighted average price is for all grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy by California wineries from the 1983 crop. This does not include the price per ton for grapes purchased for distilling materials. Prices include all sugar bonuses or allowances as well as within-area hauling allowances. This table gives totals by type, variety, and reporting districts where grown. The 1983 and 1982 State totals are given for comparison purposes.

The following example indicates the method used for calculating weighted averages.

Variety	Total Grapes Crushed: Over the scale tons	Total Grapes Crushed: Weighted average degrees Brix	Net fresh weight: Tons	Weighted average degrees Brix	Total Brix	Base price per ton	Brix adjustments factors per ton plus and minus	Brix Limits: Base	Brix Limits: Max.	Brix Limits: Min.	Actual final price paid by winery to grower at each base price and Brix adjustment factor including bonuses or allowances	Total	Weighted average price per ton
	Col. (3)	(4)	(5)	(6)		(7)	(8)	(10)	(11)	(12)	Dollars/Ton		(13)
Zinfandel	100.0	20.1	100.0 x	20.1	2,010.00	450.00	+or-10%	22	24	20	$364.50	$36,450.00	
Zinfandel	20.5	21.3	20.5 x	21.3	436.65	450.00	+or-10%	22	24	20	$418.50	$ 8,579.25	
Zinfandel	10.6	23.5	10.6 x	23.5	249.10	450.00	+or-10%	22	24	20	$517.50	$ 5,485.50	
	131.1	20.6	131.1	20.6	2,695.75							$50,514.75	$385.31

Column 6 (weighted average degrees Brix) was obtained by dividing the total Net Fresh Tons, (Column 5) into the total Brix of these same tons $\frac{2,695.75}{131.1} = 20.6$

Column 13 (weighted average price per ton) was obtained by dividing the total Net Fresh Tons, (Column 5) into the total dollars paid for these same tons $\frac{\$50,514.75}{131.1} = \$385.31$

Table 7: Table 7 shows the tons of grapes purchased by California wineries for distilling material from the 1983 crop. Average degrees Brix and average price per ton are shown by type and variety. The 1983 and 1982 State totals are given for comparison purposes.

Table 8: Table 8 shows base prices paid to growers by variety, by Brix factor, and percent. The weighted average of all base prices by variety is not shown in this publication, but is available in summary form by contacting the Federal-State Market News Service, Sacramento, California.

GRAPES FOR CRUSHING

TABLE 1: State totals by type and variety, weighted average degrees Brix, and weighted average dollars per ton, 1982-83

Type and Variety	Total Tons Crushed		Average Brix Crushed		Total Tons Purchased		Average Brix Purchased		Weighted Average Dollars Per Ton	
	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982
RAISIN GRAPES:										
Black Corinth (Zantes)	---	48.2	---	21.1	---	---	---	---	---	---
Fiesta	174.0	a/	25.4	a/	---	---	---	---	---	---
Muscat	35,459.2	62,833.0	21.1	20.8	25,092.3	47,348.4	21.2	20.6	132.04	142.82
Sultana	659.1	987.8	19.8	20.1	224.3	611.1	19.3	20.3	99.71	119.77
Thompson Seedless	286,611.0	698,425.2	20.2	19.4	156,571.2	456,298.1	19.9	19.5	101.09	126.42
Packinghouse Culls	5,962.9	3,793.3	18.5	18.9	3,887.9	3,777.8	17.0	18.9	24.55	100.00
Other Raisin c/	---	7,487.9	---	17.7	---	5,105.3	---	17.4	---	61.99
TOTAL RAISIN	328,866.2	773,590.9	20.2	19.5	185,775.7	513,140.7	20.0	19.6	103.66	127.09
TABLE GRAPES:										
Almeria	669.6	1,104.9	18.8	18.2	227.6	255.1	17.6	17.5	108.29	61.81
Black Morocco	---	a/	---	a/	---	a/	---	a/	---	a/
Black Prince	181.6	260.7	20.3	22.0	65.7	120.9	22.1	24.0	80.00	120.00
Blackrose	a/	787.7	a/	19.6	a/	a/	a/	a/	a/	a/
Calmeria	10,169.5	8,495.3	18.4	18.4	5,785.8	1,388.7	18.9	19.1	105.63	72.59
Cardinal	774.3	2,056.4	21.4	18.8	180.0	216.1	22.3	18.2	81.06	76.99
Concord	a/b/	b/	a/b/	b/	b/	b/	b/	b/	b/	b/
Cornichon	55.0	73.8	19.0	18.7	---	66.8	---	19.1	---	75.00
Emperor	37,477.6	14,635.3	17.4	18.3	26,760.7	4,405.2	17.3	17.7	107.24	54.47
Exotic	323.3	603.0	19.2	19.6	---	---	---	---	---	---
Flame Seedless	2,000.3	773.0	22.1	21.5	656.3	83.9	23.9	20.6	75.23	50.00
Gold	a/	a/	a/	a/	---	---	---	---	---	---
Golden Muscat	370.9	1,271.2	18.6	20.4	---	56.7	---	22.0	---	125.00
Italia	331.5	1,092.0	19.8	20.2	106.5	674.7	19.4	20.2	119.18	119.37
Olivette Blanche	a/	179.6	a/	17.5	---	---	---	---	---	---
Perlette	35.5	493.8	23.2	17.3	---	204.9	---	19.2	---	116.09
Queen	285.7	647.8	18.1	19.1	26.4	29.2	17.0	18.9	110.00	39.93
Red Malaga	899.8	1,267.0	18.4	18.2	665.7	381.5	18.0	18.6	73.97	70.68
Ribier	11,585.5	12,499.3	18.7	18.9	4,774.6	2,468.8	18.0	17.9	94.50	89.28
Rish Baba	138.2	---	19.4	---	---	---	---	---	---	---
Ruby Seedless	1,405.7	144.3	19.3	20.0	967.2	---	19.8	---	77.09	---
Scarlet	a/	---	a/	---	a/	---	a/	---	a/	---
Superior Seedless	311.8	b/	19.5	b/	309.8	---	19.5	---	65.00	---
Tokay	87,370.2	181,731.1	17.1	16.9	65,713.0	135,534.0	16.7	16.6	159.20	159.84
White Malaga	25,207.0	24,077.4	18.0	19.5	21,085.3	19,728.8	17.9	19.5	105.80	120.64
Packinghouse Culls	3,980.0	---	18.7	---	1,134.1	---	18.9	---	36.47	---
Other Table c/	1,255.6	2,512.4	18.4	19.0	79.3	1,939.0	22.9	19.7	76.73	44.60
TOTAL TABLE	185,007.6	256,297.3	17.6	17.5	128,695.8	167,651.6	17.3	17.1	131.76	148.53
WINE GRAPES (White):										
Burger	16,565.6	18,918.3	15.5	15.6	11,261.3	13,834.1	15.3	15.3	150.60	143.92
Chardonnay	50,992.3	51,833.9	22.0	22.2	33,838.7	34,178.6	21.9	22.1	979.79	1,094.22
Chasselas Dore	a/	---	a/	---	a/	---	a/	---	a/	---
Chenin Blanc	244,334.9	273,606.8	19.0	19.2	200,530.9	230,304.3	19.0	19.1	192.63	216.69
Emerald Riesling	23,108.8	27,778.8	18.8	20.1	18,242.5	21,449.0	18.8	19.9	139.48	172.11
Feher Szagos	1,322.9	1,471.4	19.4	18.7	987.9	690.5	19.1	19.4	107.13	129.53
Flora	2,085.0	3,201.0	22.5	21.8	1,323.7	2,212.4	23.8	22.2	131.77	177.57
Folle Blanche	833.8	863.8	18.2	18.7	a/	51.9	a/	17.8	a/	764.60
French Colombard	465,030.5	436,594.6	20.0	19.7	403,662.5	391,402.5	20.0	19.7	156.68	170.46
Gewurztraminer	10,076.3	10,207.2	21.5	21.4	6,629.7	6,539.6	21.4	21.4	521.71	539.01
Gray Riesling	10,544.5	12,097.0	19.9	20.0	8,112.0	8,961.3	19.7	19.9	281.51	369.69
Green Hungarian	2,026.0	3,554.2	17.6	18.2	1,605.8	2,986.5	17.4	18.3	274.81	275.26
Helena	87.9	97.1	18.6	19.5	---	---	---	---	---	---
Kleinberger	---	30.1	---	21.0	---	30.1	---	21.0	---	480.00
Malvasia Bianca	7,648.8	7,282.9	20.2	20.5	7,583.2	7,192.3	20.2	20.4	242.83	250.65
Melon	72.3	44.7	19.4	20.5	---	---	---	---	---	---
Muscadelle Du Bordelais	---	a/	---	a/	---	---	---	---	---	---
Muscat Blanc	10,959.4	7,712.1	20.4	20.6	9,372.1	7,127.6	20.0	20.5	185.74	249.02
Orange Muscat	57.5	71.1	18.2	19.9	44.8	68.2	17.0	19.8	300.00	294.21
Palomino	16,942.2	24,008.9	18.8	18.8	12,151.8	20,153.6	18.6	18.8	117.47	135.64
Pedro Ximenes	463.7	1,729.2	20.7	19.3	39.0	1,716.8	23.4	19.3	75.00	123.19
Peverella	3,057.2	4,067.0	20.9	20.9	3,012.3	3,956.8	20.9	20.9	117.87	150.00
Pinot Blanc	5,531.0	4,866.3	20.3	20.8	2,984.2	2,267.1	20.1	20.8	474.10	535.48
Red Veltliner	185.3	218.7	18.4	19.9	---	---	---	---	---	---
Sauvignon Blanc	39,507.0	38,916.5	21.5	21.4	28,381.5	27,680.2	21.6	21.4	487.11	595.04
Sauvignon Mosque	a/	---	a/	---	---	---	---	---	---	---
Sauvignon Vert	998.6	1,952.6	21.5	20.5	518.1	1,206.8	21.3	20.6	245.32	262.76
Scheurebe	37.3	a/	23.6	a/	---	---	---	---	---	---
Semillon	15,664.8	18,901.0	20.3	19.9	11,930.7	14,347.0	19.8	19.9	215.26	254.41
St. Emilion (Ugni Blanc)	10,466.1	12,030.1	18.8	18.3	9,223.1	9,822.9	18.8	18.2	132.31	160.87
Sylvaner	5,571.5	5,414.7	20.2	20.9	3,100.4	3,096.3	20.2	20.9	229.49	317.66
White Riesling	26,833.6	26,764.2	20.4	22.0	19,787.8	18,077.2	20.1	22.0	430.83	554.62
Other White	6,293.7	5,405.8	19.9	20.5	5,474.9	1,678.7	19.9	18.4	106.93	194.42
TOTAL WHITE	977,305.9	999,654.7	19.8	19.8	799,807.2	831,032.3	19.7	19.7	225.17	252.22

GRAPES FOR CRUSHING

TABLE 1: State totals by type and variety, weighted average degrees Brix, and weighted average dollars per ton, 1982-83 (cont'd.)

Type and Variety	Total Tons Crushed		Average Brix Crushed		Total Tons Purchased		Average Brix Purchased		Weighted Average Dollars Per Ton	
	1983	1982	1983	1982	1983	1982	1983	1982	1983	1982
WINE GRAPES (Black):										
Aleatico	360.8	367.5	22.0	22.3	360.6	367.5	22.0	22.3	132.61	140.00
Alicante Bouschet	2,132.9	7,162.9	19.8	20.5	656.9	2,335.6	20.2	19.8	105.16	82.50
Almission	---	194.2	---	22.3	---	135.4	---	20.1	---	67.88
Aramon	a/	25.5	a/	17.5	a/	25.5	a/	17.5	a/	150.00
Barbera	125,984.5	167,866.3	22.0	21.2	105,555.9	129,564.2	22.0	21.1	122.40	121.00
Blue Elbe	84.7	---	18.5	---	---	---	---	---	---	---
Black Malvoisie	1,727.0	2,257.3	18.9	20.5	1,250.0	1,859.6	18.1	20.6	85.80	67.59
Cabernet Franc	650.3	492.5	22.6	22.7	502.3	328.8	22.4	22.7	699.16	1,154.52
Cabernet Sauvignon	70,941.3	85,605.6	22.4	22.6	47,792.5	56,788.1	22.3	22.5	461.44	541.44
Calzin	a/	42.1	a/	22.7	a/	a/	a/	a/	a/	a/
Carignane	127,246.4	149,118.5	21.3	21.2	71,141.0	85,740.4	21.3	20.9	125.43	128.31
Carmine	a/	234.3	a/	25.5	a/	233.9	a/	25.5	a/	84.56
Carnelian	13,524.4	16,529.6 d/	21.7	19.5 d/	12,122.7	12,114.8 d/	21.5	18.4 d/	102.36	123.85 d/
Centurian	7,107.6	7,700.8 d/	21.1	22.7 d/	7,107.2	7,563.9 d/	21.1	22.7 d/	127.62	124.74 d/
Charbono	442.5	475.2	20.0	22.0	192.8	195.8	21.3	21.6	423.39	399.46
Early Burgundy	815.9	1,996.1	22.6	20.4	674.0	1,670.7	22.7	20.2	261.53	240.95
Gamay (Napa)	14,982.5	20,215.0	20.3	20.0	8,699.8	12,562.6	20.3	19.9	236.55	251.42
Gamay Beaujolais	7,976.5	11,560.4	21.6	21.8	3,974.9	6,176.4	21.4	21.6	311.32	333.76
Grand Noir	a/	43.9	a/	21.2	a/	---	a/	---	a/	---
Grenache	87,116.5	172,539.5	20.8	20.1	73,599.4	144,520.7	20.6	19.9	135.66	135.59
Grignolino	121.3	128.1	21.4	22.1	39.1	62.7	20.7	20.8	100.00	156.38
Malbec	219.9	376.1	25.1	24.8	214.6	371.8	25.1	24.8	194.74	188.77
Mataro	208.4	1,220.6	21.1	21.4	193.1	573.9	20.9	21.1	101.60	128.04
Merlot	7,955.6	9,153.8	22.5	22.7	4,505.5	5,342.4	22.6	23.2	556.74	579.25
Mission	15,590.0	21,698.7	22.3	22.7	12,721.6	16,706.3	22.5	22.6	100.41	113.09
Muscat Hamburg	151.5	126.0	20.3	21.1	139.3	122.0	20.7	21.1	115.92	445.03
Nebbiolo	1,337.3	1,962.8	21.2	22.7	1,335.6	1,744.8	21.2	22.5	106.46	139.97
Petite Bouschet	---	45.1	---	22.5	---	44.5	---	22.5	---	104.68
Petite Sirah	28,653.8	33,631.3	21.4	21.8	17,192.7	21,007.5	21.9	21.4	166.20	219.41
Petite Verdot	a/	a/	a/	a/	---	a/	---	a/	---	a/
Pinot Noir	30,185.3	32,867.9	20.4	20.9	22,541.3	23,893.4	20.4	20.7	515.99	492.76
Pinot St. George	759.0	2,275.1	21.7	21.6	214.3	593.1	20.6	21.7	299.07	255.76
Refusco/Mondeuse	219.9	282.6	21.1	21.2	138.7	166.5	20.9	21.3	220.38	273.67
Royalty	8,087.3	10,013.3	22.4	23.0	6,334.4	8,878.4	22.6	22.9	119.73	108.07
Rubired	62,018.4	88,446.7	22.2	21.9	47,625.2	66,573.4	22.3	22.0	113.92	103.66
Ruby Cabernet	92,500.0	120,522.4	22.1	21.8	79,720.0	96,734.2	22.2	21.8	110.02	116.42
Salvador	7,745.4	12,336.5	21.4	20.4	6,329.7	11,814.4	21.8	20.3	110.27	101.72
Sangioveto	a/	70.0	a/	24.9	---	---	---	---	---	---
Souzao	82.7	111.7	23.7	23.5	36.3	50.1	26.8	24.2	100.00	150.00
St. Macaire	351.3	829.9	21.6	22.1	273.6	743.2	21.4	22.1	126.12	121.04
Syrah/French Syrah-Shiraz	447.7	170.0	23.0	22.8	29.6	a/	22.0	a/	508.34	a/
Tinta Cao	a/	a/	a/	a/	---	---	---	---	---	---
Tinta Madeira	1,084.6	1,799.9	23.2	23.0	277.8	916.7	21.2	22.7	95.93	139.23
Touriga	45.5	a/	24.3	a/	a/	---	a/	---	a/	---
Valdepenas	5,698.8	9,265.1	21.4	21.9	2,740.1	8,467.8	21.6	22.0	113.11	114.34
Zinfandel	80,080.0	83,253.3	21.6	21.5	54,447.2	51,922.6	21.5	22.0	268.96	297.93
Other Black c/	4,758.6	10,943.6	20.9	21.6	1,984.1	2,228.7	21.0	21.9	128.31	138.54
TOTAL BLACK	809,480.6	1,085,988.0	21.6	21.3	592,735.1	781,188.7	21.7	21.2	185.08	185.98
TOTAL WINE	1,786,786.5	2,085,642.7	20.6	20.6	1,392,542.3	1,612,221.0	20.6	20.4	208.11	220.13
TOTAL ALL VARIETIES	2,300,660.3	3,115,530.9	20.3	20.1	1,707,013.8	2,293,013.3	20.2	20.0	190.98	194.07

a/ Some districts or State totals for this variety are less than 25 tons.

b/ Variety data in one or more districts are not shown in order to avoid disclosure of individual operations but they are generally included in the district and State sum totals.

c/ Other categories include minor varieties as well as mixed varieties.

d/ Correction: Some tonnage and related information misreported as Carnelian in District 13, should have been Centurian in the 1982 report.

TABLE 2: Tons of grapes crushed by California wineries from the 1983 crop by type, variety, and reporting district where grown, with comparisons

Type and Variety	1	2	3	4	5	6	7	8	9	10
	Tons									
RAISIN GRAPES:										
Black Corinth (Zantes)	---	---	---	---	---	---	---	---	---	---
Fiesta	---	---	---	---	---	---	---	---	---	---
Muscat	---	---	---	---	---	---	---	---	---	---
Sultana	---	---	---	---	---	---	---	---	---	---
Thompson Seedless	---	---	---	---	---	---	---	---	367.5	---
Packinghouse Culls	---	---	---	---	---	---	---	---	---	---
Other Raisin c/	---	---	---	---	---	---	---	---	---	---
TOTAL RAISIN	---	---	---	---	---	---	---	---	367.5	---
TABLE GRAPES:										
Almeria	---	---	---	---	---	---	---	---	---	---
Black Morocco	---	---	---	---	---	---	---	---	---	---
Black Prince	---	---	---	---	---	---	---	---	---	---
Blackrose	---	---	---	---	---	---	---	---	---	---
Calmeria	---	---	---	---	---	---	---	---	---	---
Cardinal	---	---	---	---	---	---	---	---	---	---
Concord	---	---	---	---	---	---	---	---	---	---
Cornichon	---	---	---	---	---	---	---	---	---	---
Emperor	---	---	---	---	---	---	---	---	---	---
Exotic	---	---	---	---	---	---	---	---	---	---
Flame Seedless	---	---	---	---	---	---	---	---	---	---
Gold	---	---	---	---	---	---	---	---	---	---
Golden Muscat	---	---	---	---	---	---	---	---	---	---
Italia	---	---	---	---	---	---	---	---	---	---
Olivette Blanche	---	---	---	---	---	---	---	---	---	---
Perlette	---	---	---	---	---	---	---	---	---	---
Queen	---	---	---	---	---	---	---	---	---	---
Red Malaga	---	---	---	---	---	---	---	---	---	---
Ribier	---	---	---	---	---	---	---	---	---	---
Rish Baba	---	---	---	---	---	---	---	---	---	---
Ruby Seedless	---	---	---	---	---	---	---	---	---	---
Scarlet	---	---	---	---	---	---	---	---	---	---
Superior Seedless	---	---	---	---	---	---	---	---	---	---
Tokay	---	---	---	---	---	---	---	---	---	---
White Malaga	---	---	---	---	---	---	---	---	---	---
Packinghouse Culls	---	---	---	---	---	---	---	---	---	---
Other Table c/	---	---	---	---	---	---	---	---	---	---
TOTAL TABLE	---	---	---	---	---	---	---	---	---	---
WINE GRAPES (White):										
Burger	32.8	---	456.7	440.2	---	---	62.2	---	---	---
Chardonnay	2,810.0	221.0	13,136.3	14,459.9	26.6	504.4	10,637.3	5,938.2	231.8	57.4
Chasselas Dore	---	---	---	---	---	---	---	---	---	---
Chenin Blanc	2,780.2	540.1	3,256.8	9,554.2	232.0	824.9	16,407.8	4,540.6	2,961.9	152.6
Emerald Riesling	---	---	---	---	---	52.0	2,065.3	327.2	---	---
Feher Szagos	---	---	---	---	---	---	---	---	---	---
Flora	232.2	---	---	300.4	39.2	---	282.7	---	---	---
Folle Blanche	---	---	39.5	203.8	---	32.9	557.6	---	---	---
French Colombard	4,847.0	---	5,043.2	1,643.0	388.9	315.3	4,489.2	411.6	1,835.0	29.2
Gewurztraminer	607.6	70.4	3,134.6	1,108.9	---	---	3,993.5	973.8	---	---
Gray Riesling	670.4	---	122.6	1,081.9	---	1,494.6	4,551.2	291.3	---	---
Green Hungarian	600.2	---	146.2	180.6	99.0	65.7	---	72.3	---	---
Helena	---	---	---	---	---	---	---	---	---	---
Kleinberger	---	---	---	---	---	---	---	---	---	---
Malvasia Bianca	---	---	---	26.9	---	190.5	975.6	---	---	---
Melon	---	---	---	72.3	---	---	---	---	---	---
Muscadelle Du Bordelais	---	---	---	---	---	---	---	---	---	---
Muscat Blanc	---	166.6	159.4	317.1	---	---	832.2	452.2	---	---
Orange Muscat	---	---	---	---	---	---	---	---	---	---
Palomino	267.4	---	322.2	102.1	---	91.1	79.6	---	---	---
Pedro Ximenes	---	---	---	---	---	---	---	---	---	---
Peverella	---	---	---	---	---	---	---	---	---	---
Pinot Blanc	45.7	---	264.1	696.6	---	185.5	3,784.9	59.9	---	---
Red Veltliner	---	---	---	---	---	---	185.3	---	---	---
Sauvignon Blanc	1,615.4	1,360.3	3,633.1	8,958.5	388.6	394.4	3,493.4	4,068.6	88.3	659.9
Sauvignon Mosque	---	---	---	---	---	---	---	---	---	---
Sauvignon Vert	---	---	515.5	291.3	---	38.3	92.5	---	---	---
Scheurebe	---	---	25.2	---	---	---	---	---	---	---
Semillon	52.0	41.1	487.2	848.0	---	712.0	2,532.4	295.1	---	---
St. Emilion (Ugni Blanc)	---	---	---	69.3	---	272.1	---	---	---	---
Sylvaner	57.1	---	121.7	324.8	---	278.7	3,851.2	457.5	---	---
White Riesling	956.1	343.9	2,289.5	3,646.8	---	161.7	11,922.6	5,332.6	---	39.2
Other White c/	136.9	---	239.8	146.0	---	---	---	119.3	---	---
TOTAL WHITE	15,727.2	2,755.1	33,403.2	44,487.7	1,242.7	5,630.4	70,826.2	23,340.2	5,129.3	1,003.

TABLE 2: Tons of grapes crushed by California wineries from the 1983 crop by type, variety, and reporting district where grown, with comparisons (cont'd.)

Type and Variety	11	12	13	14	15	16	17	1983 State Total	1982 State Total
	Tons								
RAISIN GRAPES:									
Black Corinth (Zantes)	---	---	---	---	---	---	---	---	48.2
Fiesta	---	---	---	174.0	---	---	---	174.0	a/
at	---	417.5	24,820.0	10,091.3	47.5	78.6	---	35,459.2 a/	62,833.0
cana	---	---	659.1	---	---	---	---	659.1	987.8
Thompson Seedless	305.7	14,516.6	184,156.2	87,265.0	---	---	---	286,611.0	698,425.2
Packinghouse Culls	695.7	---	4,880.2	365.5	---	---	---	5,962.9 a/	3,793.3
Other Raisin c/	---	---	---	---	---	---	---	---	7,487.9
TOTAL RAISIN	1,001.4	14,955.6	214,515.5	97,895.8	47.5	78.6	---	328,866.2 a/	773,590.9
TABLE GRAPES:									
Almeria	---	---	183.1	486.5	---	---	---	669.6	1,104.9
Black Morocco	---	---	---	---	---	---	---	---	a/
Black Prince	84.9	---	31.0	---	65.7	---	---	181.6	260.7
Blackrose	---	---	---	---	---	---	---	a/	787.7
Calmeria	---	---	2,982.9	7,186.6	---	---	---	10,169.5	8,495.3
Cardinal	54.8	---	81.0	638.5	---	---	---	774.3	2,056.4
Concord	---	---	---	---	---	---	---	a/b/	b/
Cornichon	---	---	55.0	---	---	---	---	55.0	73.8
Emperor	---	---	11,069.2	26,402.5	---	---	---	37,477.6 a/	14,635.3
Exotic	---	---	---	323.3	---	---	---	323.3	603.0
Flame Seedless	31.1	---	536.5	1,432.7	---	---	---	2,000.3	773.0
Gold	---	---	---	---	---	---	---	a/	a/
Golden Muscat	---	231.1	---	139.8	---	---	---	370.9	1,271.2
Italia	---	---	54.6	276.9	---	---	---	331.5	1,092.0
Olivette Blanche	---	---	---	---	---	---	---	a/	179.6
Perlette	---	---	---	---	---	---	---	35.5 b/	493.8
Queen	---	---	38.4	247.3	---	---	---	285.7	647.8
Red Malaga	---	159.1	125.8	605.7	---	---	---	899.8 a/	1,267.0
Ribier	---	---	3,906.2	7,659.7	---	---	---	11,585.5 a/	12,499.3
Rish Baba	---	---	---	---	---	---	---	138.2 b/	---
Ruby Seedless	---	---	926.9	478.8	---	---	---	1,405.7	144.3
Scarlet	---	---	---	---	---	---	---	a/	---
Superior Seedless	---	---	---	311.8	---	---	---	311.8	b/
Tokay	86,384.8	---	59.8	895.4	---	---	---	87,370.2 a/	181,731.1
White Malaga	---	---	20,395.8	4,811.2	---	---	---	25,207.0	24,077.4
Packinghouse Culls	---	---	2,049.5	1,930.5	---	---	---	3,980.0	---
Other Table c/	---	---	51.7	1,202.9	---	---	---	1,255.6 a/	2,512.4
TOTAL TABLE	86,563.7	450.7	42,561.0	55,215.9	84.7	---	---	185,007.6 a/b/	256,297.3
WINE GRAPES (White):									
Burger	10,563.7	122.9	494.6	2,924.2	1,468.3	---	---	16,565.6	18,918.3
Chardonnay	811.0	101.1	1,114.2	---	---	587.3	68.6	50,992.3 b/	51,833.9
Chasselas Dore	---	---	---	---	---	---	---	a/	---
Chenin Blanc	27,050.2	46,915.6	78,432.6	45,382.0	---	969.7	4,320.6	244,334.9 a/	273,606.8
Emerald Riesling	446.9	168.6	4,552.1	15,318.8	96.5	78.4	---	23,108.8 a/	27,778.8
Feher Szagos	---	---	1,322.9	---	---	---	---	1,322.9	1,471.4
Flora	---	85.5	---	1,136.4	---	---	---	2,085.0 a/	3,201.0
Folle Blanche	---	---	---	---	---	---	---	833.8	863.8
French Colombard	27,639.3	96,029.8	231,001.9	90,013.6	---	102.7	1,240.8	465,030.5	436,594.6
Gewurztraminer	---	---	---	---	---	---	---	10,076.3 a/b/	10,207.2
Gray Riesling	1,395.8	---	---	521.4	---	---	401.8	10,544.5 a/b/	12,097.0
Green Hungarian	---	321.3	---	540.7	---	---	---	2,026.0	3,554.2
Helena	---	87.9	---	---	---	---	---	87.9	97.1
Kleinberger	---	---	---	---	---	---	---	---	30.1
Malvasia Bianca	---	1,320.5	3,336.2	1,740.2	58.9	---	---	7,648.8	7,282.9
Melon	---	---	---	---	---	---	---	72.3	44.7
Muscadelle Du Bordelais	---	---	---	---	---	---	---	---	a/
Muscat Blanc	---	---	7,774.9	1,230.4	---	---	---	10,959.4 a/	7,712.1
Orange Muscat	---	---	---	---	---	---	---	57.5 a/b/	71.1
Palomino	299.6	2,863.5	9,638.5	1,821.5	1,341.4	78.5	---	16,942.2 a/	24,008.9
Pedro Ximenes	---	---	---	463.7	---	---	---	463.7	1,729.2
Peverella	---	---	---	3,032.3	---	---	---	3,057.2 a/	4,067.0
Pinot Blanc	208.9	184.4	---	---	---	89.3	---	5,531.0 a/	4,866.3
Red Veltliner	---	---	---	---	---	---	---	185.3	218.7
Sauvignon Blanc	6,710.4	6,187.5	236.9	325.1	---	771.2	560.3	39,507.0 b/	38,916.5
Sauvignon Mosque	---	---	---	---	---	---	---	a/	---
Sauvignon Vert	35.4	---	---	---	---	---	---	998.6 a/	1,952.6
Scheurebe	---	---	---	---	---	---	---	37.3 a/	a/
Semillon	967.4	2,388.1	4,051.1	2,960.3	---	---	292.4	15,664.8 a/	18,901.0
St. Emilion (Ugni Blanc)	26.6	4,274.2	3,646.2	2,156.8	---	---	---	10,466.1 a/	12,030.1
Sylvaner	---	154.3	---	---	---	---	---	5,571.5 b/	5,414.7
White Riesling	1,080.4	364.1	---	---	---	574.9	---	26,833.6 a/b/	26,764.2
Other White c/	48.7	497.9	224.9	3,366.0	138.0	1,340.9	---	6,293.7 a/	5,405.8
TOTAL WHITE	77,309.2	162,078.2	345,871.8	173,855.2	3,116.2	4,639.0	6,890.5	977,305.9 a/b/	999,654.7

--- Some districts or State totals for this variety are less than 25 tons.
a/ Variety data in one or more districts are not shown in order to avoid disclosure of individual operations, but they are generally included in the district and State sum totals.
c/ Other categories include minor varieties as well as mixed varieties.

TABLE 2: Tons of grapes crushed by California wineries from the 1983 crop by type, variety, and reporting district where grown, with comparisons (cont'd.)

Type and Variety	1	2	3	4	5	6	7	8	9	10
	Tons									
WINE GRAPES (Black):										
Aleatico	---	---	---	---	---	---	---	---	---	---
Alicante Bouschet	---	---	113.8	---	---	29.5	---	---	---	---
Almission	---	---	---	---	---	---	---	---	---	---
Aramon	---	---	---	---	---	---	---	---	---	---
Barbera	86.1	---	279.5	---	---	---	---	232.9	239.0	97.7
Blue Elbe	---	---	---	---	---	---	---	---	---	---
Black Malvoisie	---	---	---	---	---	---	---	---	---	---
Cabernet Franc	---	---	---	426.9	---	---	176.3	---	---	---
Cabernet Sauvignon	2,860.1	3,681.8	17,113.6	18,446.3	209.7	491.5	11,123.7	6,797.5	206.1	205.4
Calzin	---	---	---	---	---	---	---	---	---	---
Carignane	6,694.0	---	2,351.6	526.5	124.2	196.1	33.3	---	526.2	44.7
Carmine	---	---	---	---	---	---	---	---	---	---
Carnelian	---	---	---	---	---	---	149.3	---	---	---
Centurian	---	---	---	---	---	---	187.9	---	---	---
Charbono	60.2	---	---	211.9	---	---	---	---	---	---
Early Burgundy	32.7	---	122.1	114.4	89.9	---	430.8	---	---	---
Gamay (Napa)	408.3	719.5	1,700.7	3,701.7	878.7	---	3,571.9	272.2	1,320.7	---
Gamay Beaujolais	1,935.6	51.1	894.7	684.0	---	313.2	3,710.2	283.3	---	---
Grand Noir	---	---	---	---	---	---	---	---	---	---
Grenache	151.2	---	61.1	120.5	---	---	2,150.4	---	853.8	---
Grignolino	---	---	---	50.9	---	70.4	---	---	---	---
Malbec	---	---	---	---	---	---	---	---	---	---
Mataro	---	---	---	---	---	47.2	---	---	---	---
Merlot	76.8	267.2	2,053.0	2,966.5	---	---	1,061.4	669.2	---	---
Mission	---	---	---	---	---	---	---	---	---	72.4
Muscat Hamburg	---	---	---	---	---	---	---	---	---	---
Nebbiolo	---	---	---	---	---	---	---	---	---	---
Petite Bouschet	---	---	---	---	---	---	---	---	---	---
Petite Sirah	1,451.7	150.1	1,087.7	2,077.6	210.6	294.7	4,953.1	498.9	2,290.1	---
Petite Verdot	---	---	---	---	---	---	---	---	---	---
Pinot Noir	1,995.0	---	11,404.4	8,511.7	57.0	307.5	6,301.2	1,599.6	---	---
Pinot St. George	42.2	---	156.3	120.2	---	37.4	194.6	---	---	---
Refusco/Mondeuse	55.1	---	74.9	89.9	---	---	---	---	---	---
Royalty	---	---	---	---	---	---	---	---	---	---
Rubired	---	---	---	---	---	---	---	---	---	---
Ruby Cabernet	---	136.7	42.1	---	---	57.9	467.8	---	588.6	---
Salvador	---	---	---	---	---	38.2	---	---	---	---
Sangioveto	---	---	---	---	---	---	---	---	---	---
Souzao	---	---	---	---	---	---	31.9	---	---	---
St. Macaire	---	---	---	---	---	---	---	---	---	---
Syrah/French Syrah-Shiraz	64.7	---	---	88.3	---	---	---	272.8	---	---
Tinta Cao	---	---	---	---	---	---	---	---	---	---
Tinta Madeira	---	---	---	---	---	---	464.0	---	---	---
Touriga	---	---	---	---	---	---	---	---	---	---
Valdepenas	---	---	---	---	---	---	---	---	---	---
Zinfandel	4,095.5	1,109.7	9,065.2	6,069.3	104.8	748.9	9,557.0	2,935.6	1,370.4	3,238.8
Other Black c/	89.0	---	284.1	303.6	---	---	35.5	70.1	---	---
TOTAL BLACK	20,123.5	6,133.4	46,887.8	44,594.7	1,680.6	2,757.9	44,601.7	13,638.1	7,402.7	3,736.3
TOTAL WINE	35,850.7	8,888.5	80,291.0	89,082.4	2,923.3	8,388.3	115,427.9	36,978.3	12,532.0	4,740.1
TOTAL ALL VARIETIES	35,850.7	8,888.5	80,291.0	89,083.6	2,923.3	8,388.3	115,427.9	36,978.3	13,028.5	4,745.8

TABLE 2: Tons of grapes crushed by California wineries from the 1983 crop by type, variety, and reporting district where grown, with comparisons (cont'd.)

Type and Variety	11	12	13	14	15	16	17	1983 State Total	1982 State Total
					Tons				
WINE GRAPES (Black):									
Aleatico	---	---	316.2	---	44.4	---	---	360.8 a/	367.5
`licante Bouschet	---	115.2	1,013.5	839.3	---	---	---	2,132.9 a/	7,162.9
.lmission	---	---	---	---	---	---	---	---	194.2
Aramon	---	---	---	---	---	---	---	a/	25.5
Barbera	2,641.0	22,748.8	70,199.9	29,201.3	---	---	246.3	125,984.5 a/	167,866.3
Blue Elbe	---	84.7	---	---	---	---	---	84.7	---
Black Malvoisie	154.5	297.1	254.1	1,008.4	---	---	---	1,727.0 a/	2,257.3
Cabernet Franc	---	---	---	---	---	---	---	650.3 a/	492.5
Cabernet Sauvignon	5,929.7	1,381.7	84.4	712.6	---	236.8	1,020.9	70,941.3 b/	85,605.6
Calzin	---	---	---	---	---	---	---	a/	42.1
Carignane	17,425.0	36,271.3	49,762.7	13,242.4	32.9	---	---	127,246.4 a/	149,118.5
Carmine	---	---	---	---	---	---	---	a/	234.3
Carnelian	47.0	1,365.4	7,001.9	4,953.8	---	---	---	13,524.4 a/	16,529.6 d/
Centurian	63.5	---	---	---	---	---	---	7,107.6 a/b/	7,700.8 d/
Charbono	---	---	158.6	---	---	---	---	442.5 a/	475.2
Early Burgundy	---	---	---	---	---	---	26.0	815.9	1,996.1
Gamay (Napa)	1,422.3	---	664.0	---	---	30.7	155.8	14,982.5 a/b/	20,215.0
Gamay Beaujolais	---	---	---	---	---	---	---	7,976.5 a/b/	11,560.4
Grand Noir	---	---	---	---	---	---	---	a/	43.9
Grenache	509.4	16,622.6	46,553.2	19,409.1	623.5	31.0	---	87,116.5 a/	172,539.5
Grignolino	---	---	---	---	---	---	---	121.3	128.1
Malbec	---	202.3	---	---	---	---	---	219.9 a/	376.1
Mataro	---	---	---	---	135.8	---	---	208.4 a/	1,220.6
Merlot	484.1	---	47.7	---	---	---	309.7	7,955.6 a/	9,153.8
Mission	146.6	4,525.0	4,415.4	---	5,736.6	281.0	---	15,590.0 a/b/	21,698.7
Muscat Hamburg	---	122.2	---	---	---	---	---	151.5 a/	126.0
Nebbiolo	---	1,086.2	---	249.4	---	---	---	1,337.3 a/	1,962.8
Petite Bouschet	---	---	---	---	---	---	---	---	45.1
Petite Sirah	6,699.5	5,075.1	1,289.6	1,855.5	---	238.4	459.1	28,653.8 a/	33,631.3
Petite Verdot	---	---	---	---	---	---	---	a/	a/
Pinot Noir	---	---	---	---	---	---	---	30,185.3 a/	32,867.9
Pinot St. George	---	---	---	---	---	208.3	---	759.0	2,275.1
Refusco/Mondeuse	---	---	---	---	---	---	---	219.9	282.6
Royalty	47.3	253.4	5,661.6	2,125.0	---	---	---	8,087.3	10,013.3
Rubired	140.4	4,841.2	32,542.8	24,403.6	90.4	---	---	62,018.4	88,446.7
Ruby Cabernet	671.2	29,286.0	38,050.5	22,744.1	301.6	---	123.6	92,500.0 a/	120,522.4
Salvador	---	---	656.6	6,975.7	50.2	---	---	7,745.4 a/	12,336.5
Sangioveto	---	---	---	---	---	---	---	a/	70.0
ouzao	---	---	50.8	---	---	---	---	82.7	111.7
St. Macaire	61.5	269.3	---	---	---	---	---	351.3 a/	829.9
Syrah/French Syrah-Shiraz	---	---	---	---	---	---	---	447.7 a/	170.0
Tinta Cao	---	---	---	---	---	---	---	a/	a/
Tinta Madeira	121.7	163.2	253.0	82.7	---	---	---	1,084.6	1,799.9
Touriga	---	---	45.5	---	---	---	---	45.5	a/
Valdepenas	46.8	5,652.0	---	---	---	---	---	5,698.8	9,265.1
Zinfandel	31,529.4	8,307.3	319.6	---	406.2	200.3	824.2	80,080.0 b/	83,253.3
Other Black c/	1,273.6	201.9	221.9	666.3	1,591.2	---	---	4,758.6 a/	10,943.6
TOTAL BLACK	69,424.4	138,896.6	266,415.0	129,718.8	9,013.1	1,290.4	3,165.6	809,480.6a/b/	1,085,988.0
TOTAL WINE	146,733.6	300,974.8	612,286.8	303,574.0	12,129.3	5,929.4	10,056.1	1,786,786.5	2,085,642.7
TOTAL ALL VARIETIES	234,298.7	316,381.1	869,363.3	456,685.7	12,261.5	6,008.0	10,056.1	2,300,660.3	3,115,530.9

a/ Some districts or State totals for this variety are less than 25 tons.
b/ Variety data in one or more districts are not shown in order to avoid disclosure of individual operations but they are generally included in the district and State sum totals.
c/ Other categories include minor varieties as well as mixed varieties.
d/ Correction: Some tonnage and related information misreported as Carnelian in district 13, should have been Centurian in the 1982 report.

TABLE 3: Weighted average degrees Brix for all grapes crushed by California wineries from the 1983 crop by type, variety and reporting district where grown, with comparisons

Type and Variety	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1983 State Total	1982 State Total
	Degrees Brix																		
RAISIN GRAPES:																			
Black Corinth (Zantes)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21.1
Fiesta	---	---	---	---	---	---	---	---	---	---	---	---	---	25.4	---	---	---	25.4	a/
Muscat	---	---	---	---	---	---	---	---	---	---	---	22.5	21.2	20.9	22.4	18.7	---	21.1 a/	20.8
Sultana	---	---	---	---	---	---	---	---	---	---	---	---	19.8	---	---	---	---	19.8	20.1
Thompson Seedless	---	---	---	---	---	---	---	---	20.5	---	15.1	19.7	20.2	20.1	---	---	---	20.2	19.4
Packinghouse Culls	---	---	---	---	---	---	---	---	---	---	21.9	---	17.9	20.0	---	---	---	18.5 a/	18.9
Other Raisin c/	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	17.7
TOTAL RAISIN	---	---	---	---	---	---	---	---	20.5	---	19.8	19.8	20.3	20.2	22.4	18.7	---	20.2 a/	19.5
TABLE GRAPES:																			
Almeria	---	---	---	---	---	---	---	---	---	---	---	---	17.6	19.3	---	---	---	18.8	18.2
Black Morocco	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	a/
Black Prince	---	---	---	---	---	---	---	---	---	---	20.0	---	17.7	---	22.1	---	---	20.3	22.0
Blackrose	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	a/	19.6
Calmeria	---	---	---	---	---	---	---	---	---	---	---	---	18.6	18.3	---	---	---	18.4	18.4
Cardinal	---	---	---	---	---	---	---	---	---	---	20.5	---	21.2	21.5	---	---	---	21.4	18.8
Concord	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	a/b/	b/
Cornichon	---	---	---	---	---	---	---	---	---	---	---	---	19.0	---	---	---	---	19.0	18.7
Emperor	---	---	---	---	---	---	---	---	---	---	---	---	17.0	17.6	---	---	---	17.4 a/	18.3
Exotic	---	---	---	---	---	---	---	---	---	---	---	---	---	19.2	---	---	---	19.2	19.6
Flame Seedless	---	---	---	---	---	---	---	---	---	---	23.5	---	20.1	22.8	---	---	---	22.1	21.5
Gold	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	a/	a/
Golden Muscat	---	---	---	---	---	---	---	---	---	---	---	20.4	---	15.5	---	---	---	18.6	20.4
Italia	---	---	---	---	---	---	---	---	---	---	---	---	20.3	19.7	---	---	---	19.8	20.2
Olivette Blanche	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	a/	17.5
Perlette	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	23.2 b/	17.3
Queen	---	---	---	---	---	---	---	---	---	---	---	---	17.0	18.2	---	---	---	18.1	19.1
Red Malaga	---	---	---	---	---	---	---	---	---	---	---	18.8	19.9	18.0	---	---	---	18.4 a/	18.2
Ribier	---	---	---	---	---	---	---	---	---	---	---	---	18.0	19.0	---	---	---	18.7 a/	18.9
Rish Baba	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	19.4 b/	---
Ruby Seedless	---	---	---	---	---	---	---	---	---	---	---	---	18.8	20.4	---	---	---	19.3	20.0
Scarlet	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	a/	---
Superior Seedless	---	---	---	---	---	---	---	---	---	---	---	---	---	19.5	---	---	---	19.5	b/
Tokay	---	---	---	---	---	---	---	---	---	---	17.1	---	18.4	14.4	---	---	---	17.1 a/	16.9
White Malaga	---	---	---	---	---	---	---	---	---	---	---	---	17.8	18.6	---	---	---	18.0	19.5
Packinghouse Culls	---	---	---	---	---	---	---	---	---	---	---	---	19.4	17.8	---	---	---	18.7	---
Other Table c/	---	---	---	---	---	---	---	---	---	---	---	---	10.0	18.8	---	---	---	18.4 a/	19.0
TOTAL TABLE	---	---	---	---	---	---	---	---	---	---	17.1	19.8	17.8	18.2	21.8	---	---	17.6 a/ b/	17.5
WINE GRAPES (White):																			
Burger	17.5	---	18.5	19.3	---	---	18.3	---	---	---	15.6	15.5	16.6	14.6	13.5	---	---	15.5	15.6
Chardonnay	21.9	23.1	21.8	22.4	23.5	21.3	22.0	21.4	21.9	22.8	22.2	22.4	21.3	---	---	22.7	22.4	22.0 b/	22.2
Chasselas Dore	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	a/	---
Chenin Blanc	20.8	20.4	20.1	20.3	21.9	20.3	19.6	19.8	19.9	21.1	19.3	18.7	18.9	18.0	---	20.6	20.3	19.0 a/	19.2
Emerald Riesling	---	---	---	---	---	18.1	17.8	20.6	---	---	21.3	18.8	19.5	18.7	21.0	20.2	---	18.8 a/	20.1
Feher Szagos	---	---	---	---	---	---	---	---	---	---	---	---	19.4	---	---	---	---	19.4	18.7
Flora	21.3	---	---	21.1	24.0	---	18.9	---	---	---	---	18.5	---	24.2	---	---	---	22.5 a/	21.8
Folle Blanche	---	---	20.4	18.2	---	21.0	17.9	---	---	---	---	---	---	---	---	---	---	18.2	18.7
French Colombard	19.8	---	19.8	19.5	19.9	18.3	20.1	22.1	19.8	20.5	19.9	19.6	20.4	19.1	---	19.4	21.1	20.0	19.7
Gewurztraminer	21.3	20.0	21.5	22.2	---	---	21.5	20.2	---	---	---	---	---	---	---	---	---	21.5 a/ b/	21.4
Grey Riesling	20.7	---	22.6	20.6	---	20.3	19.6	19.8	---	---	18.7	---	---	20.9	---	---	20.5	19.9 a/ b/	20.0
Green Hungarian	17.7	---	18.5	18.6	18.4	16.0	---	17.4	---	---	---	17.4	---	17.0	---	---	---	17.6	18.2
Helena	---	---	---	---	---	---	---	---	---	---	---	18.6	---	---	---	---	---	18.6	19.5
Kleinberger	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21.0
Malvasia Bianca	---	---	---	21.3	---	20.2	18.9	---	---	---	---	19.1	20.7	20.7	23.4	---	---	20.2	20.5
Melon	---	---	---	19.4	---	---	---	---	---	---	---	---	---	---	---	---	---	19.4	20.5
Muscadelle Du Bordelais	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	a/
Muscat Blanc	---	19.7	21.6	22.7	---	---	19.8	21.4	---	---	---	---	20.2	20.8	---	---	---	20.4 a/	20.6
Orange Muscat	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	18.2 a/ b/	19.9
Palomino	20.0	---	20.7	20.7	---	18.7	24.6	---	---	---	20.9	17.4	19.3	15.8	20.5	21.0	---	18.8 a/	18.8
Pedro Ximenes	---	---	---	---	---	---	---	---	---	---	---	---	---	20.7	---	---	---	20.7	19.3
Peverella	---	---	---	---	---	---	---	---	---	---	---	---	---	20.9	---	---	---	20.9 a/	20.9
Pinot Blanc	19.4	---	20.5	18.8	---	18.8	20.8	18.9	---	---	18.7	18.1	---	---	---	21.7	---	20.3 a/	20.8
Red Veltliner	---	---	---	---	---	---	18.4	---	---	---	---	---	---	---	---	---	---	18.4	19.9
Sauvignon Blanc	22.1	21.6	21.8	22.0	22.3	20.6	21.7	21.7	23.3	21.6	21.1	20.4	24.4	19.4	---	22.8	20.9	21.5 b/	21.4
Sauvignon Mosque	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	a/	---
Sauvignon Vert	---	---	21.3	21.1	---	20.2	24.2	---	---	---	21.1	---	---	---	---	---	---	21.5 a/	20.5
Scheurebe	---	---	20.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	23.6 a/	a/
Semillon	21.4	17.9	21.1	20.4	---	20.5	22.8	21.7	---	---	22.4	18.9	19.6	19.1	---	---	22.0	20.3 a/	19.9
St. Emilion (Ugni Blanc)	---	---	---	18.4	---	20.0	---	---	---	---	21.3	17.6	19.7	19.4	---	---	---	18.8 a/	18.3
Sylvaner	22.3	---	20.7	20.7	---	17.9	20.3	19.5	---	---	---	18.1	---	---	---	---	---	20.2 b/	20.9
White Riesling	21.9	20.3	20.9	20.9	---	19.1	20.6	19.3	---	21.3	20.8	19.9	---	---	---	20.5	---	20.4 a/ b/	22.0
Other White c/	19.1	---	19.6	20.7	---	---	---	21.5	---	---	19.4	18.8	21.4	19.3	21.0	21.4	---	19.9 a/	20.5
TOTAL WHITE	20.7	21.1	21.1	21.4	21.3	20.0	20.5	20.5	20.0	21.5	19.3	19.3	20.0	18.8	17.3	21.4	20.6	19.8 a/ b/	19.8

TABLE 3: Weighted average degrees Brix for all grapes crushed by California wineries from the 1983 crop by type, variety and reporting district where grown, with comparisons (cont'd.)

Type and Variety	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1983 State Total	1982 State Total
	Degrees Brix																		
T GRAPES (Black):																			
atico	---	---	---	---	---	---	---	---	---	---	---	---	21.9	---	23.0	---	---	22.0 a/	22.3
Alicante Bouschet	---	---	22.0	---	---	19.8	---	---	---	---	---	19.9	20.7	18.2	---	---	---	19.8 a/	20.5
Almission	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22.3
Aramon	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	a/	17.5
Barbera	21.6	---	22.1	---	---	---	---	22.2	22.4	21.6	22.0	22.0	21.7	22.6	---	---	21.6	22.0 a/	21.2
Blue Elbe	---	---	---	---	---	---	---	---	---	---	---	18.5	---	---	---	---	---	18.5	---
Black Malvoisie	---	---	---	---	---	---	---	---	---	---	22.7	20.9	21.1	17.2	---	---	---	18.9 a/	20.5
Cabernet Franc	---	---	---	22.8	---	---	22.0	---	---	---	---	---	---	---	---	---	---	22.6 a/	22.7
Cabernet Sauvignon	22.2	22.3	22.6	22.3	22.4	21.1	22.1	22.6	22.6	22.4	22.6	22.3	22.5	24.0	---	22.2	22.5	22.4 b/	22.6
Calzin	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	a/	22.7
Carignane	21.7	---	22.3	22.3	21.8	21.4	21.7	---	20.0	22.6	21.6	20.6	21.5	21.8	21.0	---	---	21.3 a/	21.2
Carmine	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	a/	25.5
Carnelian	---	---	---	---	---	---	21.8	---	---	---	23.5	19.3	21.8	22.0	---	---	---	21.7 a/	19.5 d/
Centurian	---	---	---	---	---	---	22.0	---	---	---	21.9	---	---	---	---	---	---	21.1 a/ b/	22.7 d/
Charbono	21.5	---	---	21.1	---	---	---	---	---	---	---	---	17.8	---	---	---	---	20.0 a/	22.0
Early Burgundy	22.0	---	21.4	21.5	22.9	---	23.2	---	---	---	---	---	---	---	---	---	21.1	22.6	20.4
Gamay (Napa)	20.1	22.2	20.0	20.6	20.5	---	20.6	22.1	20.3	---	20.3	---	14.2	---	---	22.0	21.7	20.3 a/ b/	20.0
Gamay Beaujolais	21.7	21.9	21.4	21.4	---	20.6	21.6	22.0	---	---	---	---	---	---	---	---	---	21.6 a/ b/	21.8
Grand Noir	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	a/	21.2
Grenache	21.8	---	22.6	22.1	---	---	22.8	---	20.1	---	20.9	20.4	20.8	20.7	21.1	20.3	---	20.8 a/	20.1
Grignolino	---	---	---	22.0	---	20.9	---	---	---	---	---	---	---	---	---	---	---	21.4	22.1
Malbec	---	---	---	---	---	---	---	---	---	---	---	25.2	---	---	---	---	---	25.1 a/	24.8
Mataro	---	---	---	---	---	18.7	---	---	---	---	---	---	---	---	21.6	---	---	21.1 a/	21.4
Merlot	21.6	22.5	22.7	22.6	---	---	21.8	22.0	---	---	22.5	---	24.8	---	---	---	22.3	22.5 a/	22.7
Mission	---	---	---	---	---	---	---	---	---	19.9	23.0	21.5	22.1	---	23.0	21.5	---	22.3 a/ b/	22.7
Muscat Hamburg	---	---	---	---	---	---	---	---	---	---	---	20.3	---	---	---	---	---	20.3 a/	21.1
Nebbiolo	---	---	---	---	---	---	---	---	---	---	---	21.0	---	21.8	---	---	---	21.2 a/	22.7
Petite Bouschet	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22.5
Petite Sirah	21.3	22.7	21.3	22.1	21.7	20.0	20.6	21.7	21.6	---	20.9	20.6	23.4	24.6	---	20.7	22.2	21.4 a/	21.8
Petite Verdot	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	a/	a/
Pinot Noir	19.1	---	20.4	20.5	22.6	21.7	20.2	21.6	---	---	---	---	---	---	---	---	---	20.4 a/	20.9
Pinot St. George	20.7	---	21.5	20.8	---	15.9	25.9	---	---	---	---	---	---	---	---	19.7	---	21.7	21.6
Refusco/Mondeuse	20.8	---	20.9	21.5	---	---	---	---	---	---	---	---	---	---	---	---	---	21.1	21.2
Royalty	---	---	---	---	---	---	---	---	---	---	21.0	20.3	22.3	23.0	---	---	---	22.4	23.0
Rubired	---	---	---	---	---	---	---	---	---	---	20.6	21.4	22.3	22.3	21.3	---	---	22.2	21.9
y Cabernet	---	20.4	22.3	---	---	18.7	22.6	---	22.3	---	21.7	21.2	21.7	23.7	21.2	---	22.5	22.1 a/	21.8
vador	---	---	---	---	---	19.5	---	---	---	---	---	---	20.8	21.5	23.1	---	---	21.4 a/	20.4
Sangioveto	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	a/	24.9
Souzao	---	---	---	---	---	---	20.8	---	---	---	---	---	25.6	---	---	---	---	23.7	23.5
St. Macaire	---	---	---	---	---	---	---	---	---	---	21.8	21.5	---	---	---	---	---	21.6 a/	22.1
Syrah/French Syrah-Shiraz	22.8	---	---	22.5	---	---	---	23.4	---	---	---	---	---	---	---	---	---	23.0 a/	22.8
Tinta Cao	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	a/	a/
Tinta Madeira	---	---	---	---	---	---	24.2	---	---	---	22.4	20.0	23.0	26.0	---	---	---	23.2	23.0
Touriga	---	---	---	---	---	---	---	---	---	---	---	---	24.3	---	---	---	---	24.3	a/
Valdepenas	---	---	---	---	---	---	---	---	---	---	16.9	21.4	---	---	---	---	---	21.4	21.9
Zinfandel	21.2	21.5	22.3	21.4	23.0	22.8	19.7	21.0	22.3	21.9	21.9	21.5	23.7	---	22.8	20.4	21.0	21.6 b/	21.5
Other Black c/	19.7	---	22.1	21.2	---	---	23.0	21.2	---	---	20.9	20.3	19.7	21.0	20.8	---	---	20.9 a/	21.6
TOTAL BLACK	21.3	22.1	21.8	21.7	21.4	21.2	21.1	22.0	21.3	21.9	21.7	21.1	21.6	22.3	22.4	21.0	21.9	21.6 a/ b/	21.3
TOTAL WINE	21.1	21.8	21.5	21.5	21.3	20.4	20.7	21.1	20.8	21.8	20.4	20.1	20.7	20.3	21.1	21.3	21.0	20.6	20.6
TOTAL ALL VARIETIES	21.1	21.8	21.5	21.5	21.3	20.4	20.7	21.1	20.8	21.8	19.2	20.1	20.4	20.0	21.1	21.3	21.0	20.3	20.1

a/ Some districts or State totals for this variety are less than 25 tons.
b/ Variety data in one or more districts are not shown in order to avoid disclosure of individual operations but they are generally included in the district and State sum totals.
c/ Other categories include minor varieties as well as mixed varieties.
d/ Correction: Tonnage and related information misreported as Carnelian in District 13, should have been Centurian in the 1982 report.

TABLE 4: Tons of grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy, by California wineries from the 1983 crop by type, variety, and reporting district where grown, with comparisons

Type and Variety	1	2	3	4	5	6	7	8	9	10
	Tons									
RAISIN GRAPES:										
Muscat	---	---	---	---	---	---	---	---	---	---
Sultana	---	---	---	---	---	---	---	---	---	---
Thompson Seedless	---	---	---	---	---	---	---	---	367.5	---
Packinghouse Culls	---	---	---	---	---	---	---	---	---	---
Other Raisin c/	---	---	---	---	---	---	---	---	---	---
TOTAL RAISIN	---	---	---	---	---	---	---	---	367.5	---
TABLE GRAPES:										
Almeria	---	---	---	---	---	---	---	---	---	---
Black Morocco	---	---	---	---	---	---	---	---	---	---
Black Prince	---	---	---	---	---	---	---	---	---	---
Blackrose	---	---	---	---	---	---	---	---	---	---
Calmeria	---	---	---	---	---	---	---	---	---	---
Cardinal	---	---	---	---	---	---	---	---	---	---
Concord	---	---	---	---	---	---	---	---	---	---
Cornichon	---	---	---	---	---	---	---	---	---	---
Emperor	---	---	---	---	---	---	---	---	---	---
Flame Seedless	---	---	---	---	---	---	---	---	---	---
Golden Muscat	---	---	---	---	---	---	---	---	---	---
Italia	---	---	---	---	---	---	---	---	---	---
Perlette	---	---	---	---	---	---	---	---	---	---
Queen	---	---	---	---	---	---	---	---	---	---
Red Malaga	---	---	---	---	---	---	---	---	---	---
Ribier	---	---	---	---	---	---	---	---	---	---
Ruby Seedless	---	---	---	---	---	---	---	---	---	---
Scarlet	---	---	---	---	---	---	---	---	---	---
Superior Seedless	---	---	---	---	---	---	---	---	---	---
Tokay	---	---	---	---	---	---	---	---	---	---
White Malaga	---	---	---	---	---	---	---	---	---	---
Packinghouse Culls	---	---	---	---	---	---	---	---	---	---
Other Table c/	---	---	---	---	---	---	---	---	---	---
TOTAL TABLE	---	---	---	---	---	---	---	---	---	---
WINE GRAPES (White):										
Burger	---	---	408.0	78.8	---	---	---	---	---	---
Chardonnay	2,135.3	31.8	9,205.5	10,937.2	26.6	189.5	5,562.9	3,937.3	230.1	---
Chasselas Dore	---	---	---	---	---	---	---	---	---	---
Chenin Blanc	1,895.6	174.1	2,847.3	7,265.1	167.4	191.9	11,695.3	2,622.2	1,679.2	131.9
Emerald Riesling	---	---	---	---	---	52.0	1,009.2	327.2	---	---
Feher Szagos	---	---	---	---	---	---	---	---	---	---
Flora	59.0	---	---	89.9	39.2	---	---	---	---	---
Folle Blanche	---	---	---	---	---	---	---	---	---	---
French Colombard	2,446.8	---	4,276.2	926.1	130.4	210.0	3,567.6	394.9	1,822.4	---
Gewurztraminer	456.4	70.4	1,976.4	571.8	---	---	2,740.3	722.6	---	---
Gray Riesling	531.0	---	114.8	705.3	---	527.2	3,682.0	291.3	---	---
Green Hungarian	565.8	---	146.2	136.7	99.0	65.7	---	72.3	---	---
Kleinberger	---	---	---	---	---	---	---	---	---	---
Malvasia Bianca	---	---	---	---	---	154.6	975.6	---	---	---
Muscat Blanc	---	166.6	151.9	286.0	---	---	832.2	172.8	---	---
Orange Muscat	---	---	---	---	---	---	---	---	---	---
Palomino	38.7	---	235.3	25.4	---	61.2	---	---	---	---
Pedro Ximenes	---	---	---	---	---	---	---	---	---	---
Peverella	---	---	---	---	---	---	---	---	---	---
Pinot Blanc	45.7	---	246.6	87.5	---	42.8	2,007.4	59.9	---	---
Sauvignon Blanc	1,084.2	885.0	2,589.4	6,746.5	195.3	---	2,721.1	1,903.7	52.3	279.8
Sauvignon Vert	---	---	416.0	63.3	---	26.9	---	---	---	---
Semillon	---	31.9	311.8	492.7	---	202.6	929.3	278.2	---	---
St. Emilon (Ugni Blanc)	---	---	---	---	---	---	---	---	---	---
Sylvaner	---	---	70.9	118.0	---	37.2	2,091.6	302.2	---	---
White Riesling	808.2	230.5	1,499.0	2,538.4	---	130.5	8,988.2	4,186.8	---	---
Other White c/	132.2	---	228.2	---	---	---	---	---	---	---
TOTAL WHITE	10,215.9	1,602.0	24,737.9	31,075.9	699.9	1,917.6	46,815.4	15,271.4	3,784.0	469.0

TABLE 4: Tons of grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy, by California wineries from the 1983 crop by type, variety, and reporting district where grown, with comparisons (cont'd.)

Type and Variety	11	12	13	14	15	16	17	1983 State Total	1982 State Total
	Tons								
RAISIN GRAPES:									
Muscat	---	417.5	18,056.9	6,566.1	47.5	---	---	25,092.3 a/	47,348.4
Sultana	---	---	224.3	---	---	---	---	224.3	611.1
Thompson Seedless	132.4	11,751.3	103,725.6	40,594.4	---	---	---	156,571.2	456,298.1
Packinghouse Culls	---	---	3,720.5	128.9	---	---	---	3,887.9 a/	3,777.8
Other Raisin c/	---	---	---	---	---	---	---	---	5,105.3
TOTAL RAISIN	149.4	12,190.3	125,727.3	47,289.4	47.5	---	---	185,775.7 a/	513,140.7
TABLE GRAPES:									
Almeria	---	---	136.2	91.4	---	---	---	227.6	255.1
Black Morocco	---	---	---	---	---	---	---	---	a/
Black Prince	---	---	---	---	65.7	---	---	65.7	120.9
Blackrose	---	---	---	---	---	---	---	a/	a/
Calmeria	---	---	2,898.7	2,887.1	---	---	---	5,785.8	1,388.7
Cardinal	---	---	65.0	115.0	---	---	---	180.0	216.1
Concord	---	---	---	---	---	---	---	b/	b/
Cornichon	---	---	---	---	---	---	---	---	66.8
Emperor	---	---	9,678.9	17,078.4	---	---	---	26,760.7 a/	4,405.2
Flame Seedless	31.1	---	---	625.2	---	---	---	656.3	83.9
Golden Muscat	---	---	---	---	---	---	---	---	56.7
Italia	---	---	48.9	57.6	---	---	---	106.5	674.7
Perlette	---	---	---	---	---	---	---	---	204.9
Queen	---	---	26.4	---	---	---	---	26.4	29.2
Red Malaga	---	---	86.7	569.8	---	---	---	665.7 a/	381.5
Ribier	---	---	3,612.7	1,142.7	---	---	---	4,774.6 a/	2,468.8
Ruby Seedless	---	---	736.9	230.3	---	---	---	967.2	---
Scarlet	---	---	---	---	---	---	---	a/	---
Superior Seedless	---	---	---	309.8	---	---	---	309.8	---
Tokay	64,850.4	---	27.2	835.4	---	---	---	65,713.0	135,534.0
White Malaga	---	---	16,441.7	4,643.6	---	---	---	21,085.3	19,728.8
Packinghouse Culls	---	---	1,134.1	---	---	---	---	1,134.1	---
Other Table c/	---	---	---	69.0	---	---	---	79.3 a/	1,939.0
TOTAL TABLE	64,884.9	41.1	34,910.6	28,655.3	74.9	---	---	128,695.8 a/ b/	167,651.6
WINE GRAPES (White):									
Burger	7,024.6	---	410.7	1,860.2	1,464.5	---	---	11,261.3 a/	13,834.1
Chardonnay	781.3	81.1	---	---	---	427.0	68.6	33,838.7 a/ b/	34,178.6
Chasselas Dore	---	---	---	---	---	---	---	a/	---
Chenin Blanc	23,800.4	38,094.9	70,251.3	35,349.6	---	258.8	4,092.8	200,530.9 a/	230,304.3
Emerald Riesling	372.9	168.6	3,668.6	12,547.5	96.5	---	---	18,242.5	21,449.0
Feher Szagos	---	---	987.9	---	---	---	---	987.9	690.5
Flora	---	---	---	1,129.5	---	---	---	1,323.7 a/	2,212.4
Folle Blanche	---	---	---	---	---	---	---	a/	51.9
French Colombard	26,280.3	80,094.2	201,612.6	80,660.2	---	---	1,240.8	403,662.5	391,402.5
Gewurztraminer	---	---	---	---	---	---	---	6,629.7 a/ b/	6,539.6
Gray Riesling	1,331.4	---	---	521.4	---	---	401.8	8,112.0 b/	8,961.3
Green Hungarian	---	319.3	---	200.8	---	---	---	1,605.8	2,986.5
Kleinberger	---	---	---	---	---	---	---	---	30.1
Malvasia Bianca	---	1,320.5	3,333.4	1,740.2	58.9	---	---	7,583.2	7,192.3
Muscat Blanc	---	---	6,529.6	1,230.4	---	---	---	9,372.1 a/	7,127.6
Orange Muscat	---	---	---	---	---	---	---	44.8 b/	68.2
Palomino	108.8	2,780.6	5,913.1	1,812.0	1,165.3	---	---	12,151.8 a/	20,153.6
Pedro Ximenes	---	---	---	39.0	---	---	---	39.0	1,716.8
Peverella	---	---	---	3,012.3	---	---	---	3,012.3	3,956.8
Pinot Blanc	208.9	184.4	---	---	---	89.3	---	2,984.2 a/	2,267.1
Sauvignon Blanc	6,116.5	4,777.3	---	---	---	512.3	443.3	28,381.5 a/b/	27,680.2
Sauvignon Vert	---	---	---	---	---	---	---	518.1 a/	1,206.8
Semillon	939.0	2,388.1	3,804.8	2,247.1	---	---	279.0	11,930.7 a/	14,347.0
St. Emilion (Ugni Blanc)	---	4,274.2	3,448.9	1,500.0	---	---	---	9,223.1	9,822.9
Sylvaner	---	154.3	---	---	---	---	---	3,100.4 b/	3,096.3
White Riesling	749.7	364.1	---	---	---	257.7	---	19,787.8 a/	18,077.2
Other White c/	---	72.7	219.6	3,310.4	138.0	1,340.9	---	5,474.9 a/	1,678.7
TOTAL WHITE	67,724.1	135,085.3	300,225.3	147,813.8	2,936.3	2,907.1	6,526.3	799,807.2 a/ b/	831,032.3

a/ Some districts or State totals for this variety are less than 25 tons.
b/ Variety data in one or more districts are not shown in order to avoid disclosure of individual operations but they are generally included in the district and State sum totals.
c/ Other categories include minor varieties as well as mixed varieties.

TABLE 4: Tons of grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy, by California wineries from the 1983 crop by type, variety, and reporting district where grown, with comparisons (cont'd.)

Type and Variety	1	2	3	4	5	6	7	8	9	10
	Tons									
WINE GRAPES (Black):										
Aleatico	---	---	---	---	---	---	---	---	---	---
Alicante Bouschet	---	---	80.4	---	---	29.5	---	---	---	---
Almission	---	---	---	---	---	---	---	---	---	---
Aramon	---	---	---	---	---	---	---	---	---	---
Barbera	---	---	199.4	---	---	---	---	119.3	239.0	72.7
Black Malvoisie	---	---	---	---	---	---	---	---	---	---
Cabernet Franc	---	---	---	298.2	---	---	172.6	---	---	---
Cabernet Sauvignon	1,736.6	2,426.0	10,284.2	12,948.8	209.7	144.3	6,648.5	4,366.4	180.5	45.5
Calzin	---	---	---	---	---	---	---	---	---	---
Carignane	4,556.4	---	1,964.9	226.9	---	138.1	33.3	---	---	---
Carmine	---	---	---	---	---	---	---	---	---	---
Carnelian	---	---	---	---	---	---	149.3	---	---	---
Centurian	---	---	---	---	---	---	187.7	---	---	---
Charbono	60.2	---	---	120.8	---	---	---	---	---	---
Early Burgundy	---	---	104.0	40.6	66.6	---	430.8	---	---	---
Gamay (Napa)	305.0	255.3	1,217.2	1,794.3	738.1	---	2,127.2	272.1	1,320.7	---
Gamay Beaujolais	1,560.4	51.1	674.0	231.7	---	196.9	1,053.1	126.1	---	---
Grand Noir	---	---	---	---	---	---	---	---	---	---
Grenache	63.5	---	58.5	81.2	---	---	1,458.6	---	853.8	---
Grignolino	---	---	---	---	---	39.1	---	---	---	---
Malbec	---	---	---	---	---	---	---	---	---	---
Mataro	---	---	---	---	---	47.2	---	---	---	---
Merlot	76.8	181.0	1,157.6	1,781.3	---	---	340.4	393.3	---	---
Mission	---	---	---	---	---	---	---	---	---	61.6
Muscat Hamburg	---	---	---	---	---	---	---	---	---	---
Nebbiolo	---	---	---	---	---	---	---	---	---	---
Petite Bouschet	---	---	---	---	---	---	---	---	---	---
Petite Sirah	1,116.2	---	881.7	785.3	165.8	30.3	1,291.6	354.6	2,277.7	---
Petite Verdot	---	---	---	---	---	---	---	---	---	---
Pinot Noir	1,392.1	---	10,243.6	7,217.3	57.0	183.3	2,305.3	1,133.8	---	---
Pinot St. George	42.2	---	148.0	---	---	---	---	---	---	---
Refusco/Mondeuse	55.1	---	70.7	---	---	---	---	---	---	---
Royalty	---	---	---	---	---	---	---	---	---	---
Rubired	---	---	---	---	---	---	---	---	---	---
Ruby Cabernet	---	---	35.2	---	---	32.3	99.1	---	588.6	---
Salvador	---	---	---	---	---	38.2	---	---	---	---
Souzao	---	---	---	---	---	---	---	---	---	---
St. Macaire	---	---	---	---	---	---	---	---	---	---
Syrah/French Syrah-Shiraz	---	---	---	---	---	---	---	---	---	---
Tinta Madeira	---	---	---	---	---	---	---	---	---	---
Touriga	---	---	---	---	---	---	---	---	---	---
Valdepenas	---	---	---	---	---	---	---	---	---	---
Zinfandel	2,583.7	597.3	7,536.7	3,348.1	104.8	516.9	3,322.9	1,841.6	1,287.6	2,512.7
Other Black c/	81.4	---	252.4	---	---	---	---	---	---	---
TOTAL BLACK	13,661.7	3,541.0	34,981.6	28,908.9	1,342.0	1,496.8	19,621.8	8,616.9	6,748.7	2,735.7
TOTAL WINE	23,877.6	5,143.0	59,719.5	59,984.8	2,041.9	3,414.4	66,437.2	23,888.3	10,532.7	3,204.7
TOTAL ALL VARIETIES	23,877.6	5,143.0	59,719.5	59,984.8	2,041.9	3,414.4	66,437.2	23,888.3	11,029.2	3,209.0

TABLE 4: Tons of grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy, by California wineries from the 1983 crop by type, variety, and reporting district where grown, with comparisons (cont'd.)

Type and Variety	11	12	13	14	15	16	17	1983 State Total	1982 State Total
					Tons				
WINE GRAPES (Black):									
Aleatico	---	---	316.2	---	44.4	---	---	360.6	367.5
licante Bouschet	---	---	520.1	---	---	---	---	656.9 a/	2,335.6
Almission	---	---	---	---	---	---	---	---	135.4
Aramon	---	---	---	---	---	---	---	a/	25.5
Barbera	2,435.0	16,445.9	59,904.7	25,919.2	---	---	193.9	105,555.9 a/	129,564.2
Black Malvoisie	154.5	---	91.2	997.8	---	---	---	1,250.0 a/	1,859.6
Cabernet Franc	---	---	---	---	---	---	---	502.3 a/	328.8
Cabernet Sauvignon	5,284.2	1,381.7	65.7	712.1	---	177.3	741.5	47,792.5 b/	56,788.1
Calzin	---	---	---	---	---	---	---	a/	a/
Carignane	8,804.0	20,249.8	27,060.9	8,072.3	32.9	---	---	71,141.0 a/	85,740.4
Carmine	---	---	---	---	---	---	---	a/	233.9
Carnelian	47.0	1,256.9	6,464.1	4,205.4	---	---	---	12,122.7	12,114.8d/
Centurian	63.5	---	---	---	---	---	---	7,107.2 a/b/	7,563.9d/
Charbono	---	---	---	---	---	---	---	192.8 a/	195.8
Early Burgundy	---	---	---	---	---	---	26.0	674.0 a/	1,670.7
Gamay (Napa)	160.8	---	220.8	---	---	---	155.8	8,699.8 b/	12,562.6
Gamay Beaujolais	---	---	---	---	---	---	---	3,974.9 a/b/	6,176.4
Grand Noir	---	---	---	---	---	---	---	a/	---
Grenache	504.6	11,416.2	41,308.9	17,212.9	623.5	---	---	73,599.4 a/	144,520.7
Grignolino	---	---	---	---	---	---	---	39.1	62.7
Malbec	---	202.3	---	---	---	---	---	214.6 a/	371.8
Mataro	---	---	---	---	135.8	---	---	193.1 a/	573.9
Merlot	406.0	---	---	---	---	---	168.0	4,505.5 a/	5,342.4
Mission	94.6	2,397.9	4,295.1	---	5,473.4	---	---	12,721.6 a/b/	16,706.3
Muscat Hamburg	---	122.2	---	---	---	---	---	139.3 a/	122.0
Nebbiolo	---	1,086.2	---	249.4	---	---	---	1,335.6	1,744.8
Petite Bouschet	---	---	---	---	---	---	---	---	44.5
Petite Sirah	5,231.9	2,951.2	971.9	775.2	---	---	309.4	17,192.7 a/	21,007.5
Petite Verdot	---	---	---	---	---	---	---	---	a/
Pinot Noir	---	---	---	---	---	---	---	22,541.3 a/	23,893.4
Pinot St. George	---	---	---	---	---	---	---	214.3 a/	593.1
Refusco/Mondeuse	---	---	---	---	---	---	---	138.7 a/	166.5
Royalty	47.3	128.6	4,357.8	1,800.7	---	---	---	6,334.4	8,878.4
Rubired	129.6	3,899.1	23,434.8	20,071.3	90.4	---	---	47,625.2	66,573.4
Ruby Cabernet	671.2	20,538.2	36,032.9	21,416.9	301.6	---	---	79,720.0 a/	96,734.2
Salvador	---	---	466.9	5,749.7	50.2	---	---	6,329.7 a/	11,814.4
Souzao	---	---	36.3	---	---	---	---	36.3	50.1
't. Macaire	61.5	191.6	---	---	---	---	---	273.6 a/	743.2
yrah/French Syrah-Shiraz	---	---	---	---	---	---	---	29.6 a/	a/
Tinta Madeira	---	163.1	114.7	---	---	---	---	277.8	916.7
Touriga	---	---	---	---	---	---	---	a/	---
Valdepenas	---	2,740.1	---	---	---	---	---	2,740.1	8,467.8
Zinfandel	22,928.9	6,197.6	78.3	---	406.2	172.8	824.2	54,447.2 b/	51,922.6
Other Black c/	---	35.7	33.2	---	1,543.9	---	---	1,984.1 a/	2,228.7
TOTAL BLACK	47,056.7	91,448.1	212,637.4	108,429.4	8,702.6	387.0	2,418.8	592,735.1 a/b/	781,188.7
TOTAL WINE	114,780.8	226,533.4	512,862.7	256,243.2	11,638.9	3,294.1	8,945.1	1,392,542.3	1,612,221.0
TOTAL ALL VARIETIES	179,815.1	238,764.8	673,500.6	332,187.9	11,761.3	3,294.1	8,945.1	1,707,013.8	2,293,013.3

a/ Some districts or State totals for this variety are less than 25 tons.
b/ Variety data in one or more districts are not shown in order to avoid disclosure of individual operations, but they are generally included in the district and State sum totals.
c/ Other categories include minor varieties as well as mixed varieties.
d/ Correction: Some tonnage and related information misreported as Carnelian in district 13, should have been Centurian in the 1982 report.

TABLE 5: Weighted average degrees Brix for all grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy by California wineries from the 1983 crop by type, variety, and reporting district where grown, with comparisons

Type and Variety	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1983 State Total	1982 State Total
	Degrees Brix																		
RAISIN GRAPES:																			
Muscat	---	---	---	---	---	---	---	---	---	---	---	22.5	21.3	20.7	22.4	---	---	21.2 a/	20.6
Sultana	---	---	---	---	---	---	---	---	---	---	---	---	19.3	---	---	---	---	19.3	20.3
Thompson Seedless	---	---	---	---	---	---	---	---	20.5	---	5.0	19.9	20.2	19.0	---	---	---	19.9	19.5
Packinghouse Culls	---	---	---	---	---	---	---	---	---	---	---	---	17.0	18.4	---	---	---	17.0 a/	18.9
Other Raisin c/	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	17.4
TOTAL RAISIN	---	---	---	---	---	---	---	---	20.5	---	6.4	20.0	20.3	19.2	22.4	---	---	20.0 a/	19.6
TABLE GRAPES:																			
Almeria	---	---	---	---	---	---	---	---	---	---	---	---	17.7	17.4	---	---	---	17.6	17.5
Black Morocco	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	a/
Black Prince	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22.1	---	---	22.1	24.0
Blackrose	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	a/	a/
Calmeria	---	---	---	---	---	---	---	---	---	---	---	---	18.7	19.1	---	---	---	18.9	19.1
Cardinal	---	---	---	---	---	---	---	---	---	---	---	---	21.1	23.0	---	---	---	22.3	18.2
Concord	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	b/	b/
Cornichon	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	19.1
Emperor	---	---	---	---	---	---	---	---	---	---	---	---	17.1	17.4	---	---	---	17.3 a/	17.7
Flame Seedless	---	---	---	---	---	---	---	---	---	---	23.5	---	---	23.9	---	---	---	23.9	20.6
Golden Muscat	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22.0
Italia	---	---	---	---	---	---	---	---	---	---	---	---	20.5	18.4	---	---	---	19.4	20.2
Perlette	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	19.2
Queen	---	---	---	---	---	---	---	---	---	---	---	---	17.0	---	---	---	---	17.0	18.9
Red Malaga	---	---	---	---	---	---	---	---	---	---	---	---	19.9	17.7	---	---	---	18.0 a/	18.6
Ribier	---	---	---	---	---	---	---	---	---	---	---	---	18.0	18.1	---	---	---	18.0 a/	17.9
Ruby Seedless	---	---	---	---	---	---	---	---	---	---	---	---	19.9	19.6	---	---	---	19.8	---
Scarlet	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	a/	---
Superior Seedless	---	---	---	---	---	---	---	---	---	---	---	---	---	19.5	---	---	---	19.5	---
Tokay	---	---	---	---	---	---	---	---	---	---	16.8	---	20.2	14.0	---	---	---	16.7	16.6
White Malaga	---	---	---	---	---	---	---	---	---	---	---	---	17.7	18.6	---	---	---	17.9	19.5
Packinghouse Culls	---	---	---	---	---	---	---	---	---	---	---	---	18.9	---	---	---	---	18.9	---
Other Table c/	---	---	---	---	---	---	---	---	---	---	---	---	---	23.8	---	---	---	22.9 a/	19.7
TOTAL TABLE	---	---	---	---	---	---	---	---	---	---	16.8	19.8	17.7	17.9	21.8	---	---	17.3a/b/	17.1
WINE GRAPES (White)																			
Burger	---	---	18.5	18.4	---	---	---	---	---	---	15.6	---	16.3	14.3	13.5	---	---	15.3 a/	15.3
Chardonnay	22.1	21.5	21.5	22.4	23.5	22.1	21.9	21.1	22.2	---	22.2	22.6	---	---	---	23.1	22.4	21.9a/b/	22.1
Chasselas Dore	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	a/	---
Chenin Blanc	20.8	20.3	20.1	20.4	22.1	19.7	19.3	19.7	20.0	21.0	19.2	18.8	19.0	18.0	---	21.2	20.3	19.0 a/	19.1
Emerald Riesling	---	---	---	---	---	18.1	17.3	20.6	---	---	21.1	18.8	18.8	18.8	21.0	---	---	18.8	19.9
Feher Szagos	---	---	---	---	---	---	---	---	---	---	---	---	19.1	---	---	---	---	19.1	19.4
Flora	21.2	---	---	20.3	24.0	---	---	---	---	---	---	---	---	24.2	---	---	---	23.8 a/	22.2
Folle Blanche	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	a/	17.8
French Colombard	19.8	---	19.8	19.6	21.4	16.9	20.5	21.9	19.9	---	19.9	19.8	20.4	18.9	---	---	21.1	20.0	19.7
Gewurztraminer	21.0	20.0	21.7	22.4	---	---	21.2	20.8	---	---	---	---	---	---	---	---	---	21.4a/b/	21.4
Gray Riesling	20.7	---	22.6	21.3	---	20.0	19.1	19.8	---	---	18.6	---	---	20.9	---	---	20.5	19.7 b/	19.9
Green Hungarian	17.5	---	18.4	18.3	18.4	16.0	---	17.4	---	---	---	17.4	---	16.0	---	---	---	17.4	18.3
Kleinberger	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21.0
Malvasia Bianca	---	---	---	---	---	19.7	18.9	---	---	---	---	19.1	20.7	20.8	23.4	---	---	20.2	20.4
Muscat Blanc	---	19.7	21.5	22.6	---	---	19.8	21.4	---	---	---	---	19.7	20.8	---	---	---	20.0 a/	20.5
Orange Muscat	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	17.0 b/	19.8
Palomino	20.6	---	20.6	21.7	---	17.6	---	---	---	---	20.3	17.3	19.6	15.6	20.4	---	---	18.6 a/	18.8
Pedro Ximenes	---	---	---	---	---	---	---	---	---	---	---	---	---	23.4	---	---	---	23.4	19.3
Peverella	---	---	---	---	---	---	---	---	---	---	---	---	---	20.9	---	---	---	20.9	20.9
Pinot Blanc	19.4	---	20.4	20.1	---	19.8	20.5	18.9	---	---	18.7	18.1	---	---	---	21.7	---	20.1 a/	20.8
Sauvignon Blanc	22.2	21.6	21.9	22.2	22.8	---	21.1	21.6	22.5	22.2	21.3	20.7	---	---	---	22.9	20.6	21.6a/b/	21.4
Sauvignon Vert	---	---	21.4	21.0	---	19.9	---	---	---	---	---	---	---	---	---	---	---	21.3 a/	20.6
Semillon	---	16.6	20.6	20.6	---	19.6	19.6	21.7	---	---	22.4	18.9	19.5	19.4	---	---	22.0	19.8 a/	19.9
St. Emilion (Ugni Blanc)	---	---	---	---	---	---	---	---	---	---	---	17.6	19.9	19.8	---	---	---	18.8	18.2
Sylvaner	---	---	20.8	20.6	---	20.2	20.2	19.5	---	---	---	18.1	---	---	---	---	---	20.2 b/	20.9
White Riesling	21.1	20.5	21.0	20.8	---	18.7	20.1	19.2	---	---	21.1	19.9	---	---	---	20.6	---	20.1 a/	22.0
Other White c/	19.2	---	19.6	---	---	---	---	---	---	---	---	18.9	21.4	19.3	21.0	21.4	---	19.9 a/	18.4
TOTAL WHITE	20.8	20.9	21.0	21.6	21.8	19.4	20.1	20.3	20.1	21.9	19.4	19.4	20.0	18.8	17.1	21.8	20.5	19.7a/b/	19.7

TABLE 5: Weighted average degrees Brix for all grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy by California wineries from the 1983 crop by type, variety, and reporting district where grown, with comparisons (cont'd)

Type and Variety	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1983 State Total	1982 State Total
	Degrees Brix																		
E GRAPES (Black):																			
Aleatico	---	---	---	---	---	---	---	---	---	---	---	---	21.9	---	23.0	---	---	22.0	22.3
Alicante Bouschet	---	---	21.7	---	---	19.8	---	---	---	---	---	---	20.0	---	---	---	---	20.2a/	19.8
Almission	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.1
Aramon	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	a/	17.5
Barbera	---	---	22.5	---	---	---	---	21.6	22.4	21.0	22.0	22.0	21.6	22.7	---	---	21.7	22.0a/	21.1
Black Malvoisie	---	---	---	---	---	---	---	---	---	---	22.7	---	20.9	17.1	---	---	---	18.1a/	20.6
Cabernet Franc	---	---	---	22.7	---	---	22.0	---	---	---	---	---	---	---	---	---	---	22.4a/	22.7
Cabernet Sauvignon	22.3	22.0	22.6	22.3	22.4	21.4	21.5	22.6	22.5	23.3	22.6	22.3	22.4	24.0	---	22.8	22.4	22.3b/	22.5
Calzin	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	a/	a/
Carignane	21.9	---	22.2	22.7	---	20.9	21.7	---	---	---	21.7	20.5	21.4	21.8	21.0	---	---	21.3a/	20.9
Carmine	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	a/	25.5
Carnelian	---	---	---	---	---	---	21.8	---	---	---	23.5	19.2	21.7	21.7	---	---	---	21.5	18.4 d/
Centurian	---	---	---	---	---	---	22.0	---	---	---	21.9	---	---	---	---	---	---	21.1a/b/	22.7 d/
Charbono	21.5	---	---	21.1	---	---	---	---	---	---	---	---	---	---	---	---	---	21.3a/	21.6
Early Burgundy	---	---	21.1	21.9	22.8	---	23.2	---	---	---	---	---	---	---	---	---	21.1	22.7a/	20.2
Gamay (Napa)	20.4	21.1	20.3	20.3	20.4	---	19.6	22.1	20.3	---	21.5	---	20.9	---	---	---	19.8	20.3b/	19.9
Gamay Beaujolais	21.7	21.9	21.0	22.3	---	21.9	20.2	21.2	---	---	---	---	---	---	---	---	---	21.4a/b/	21.6
Grand Noir	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	a/	---
Grenache	22.1	---	22.6	21.4	---	---	22.2	---	20.1	---	20.9	20.3	20.6	20.7	21.1	---	---	20.6a/	19.9
Grignolino	---	---	---	---	---	20.7	---	---	---	---	---	---	---	---	---	---	---	20.7	20.8
Malbec	---	---	---	---	---	---	---	---	---	---	---	25.2	---	---	---	---	---	25.1a/	24.8
Mataro	---	---	---	---	---	18.7	---	---	---	---	---	---	---	---	21.6	---	---	20.9a/	21.1
Merlot	21.6	21.8	22.3	22.6	---	---	23.8	22.3	---	---	22.7	---	---	---	---	---	22.6	22.6a/	23.2
Mission	---	---	---	---	---	---	---	---	---	19.5	23.7	21.7	22.2	---	23.0	---	---	22.5a/b/	22.6
Muscat Hamburg	---	---	---	---	---	---	---	---	---	---	---	20.3	---	---	---	---	---	20.7a/	21.1
Nebbiolo	---	---	---	---	---	---	---	---	---	---	---	21.0	---	21.8	---	---	---	21.2	22.5
Petite Bouschet	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22.5
Petite Sirah	21.3	---	21.1	21.7	21.9	22.0	22.2	21.8	21.6	---	20.5	23.8	22.7	25.0	---	---	21.6	21.9a/	21.4
Petite Verdot	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	a/
Pinot Noir	19.1	---	20.2	20.6	22.6	21.8	20.2	21.4	---	---	---	---	---	---	---	---	---	20.4a/	20.7
Pinot St. George	20.7	---	21.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.6a/	21.7
fusco/Mondeuse	20.8	---	21.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	20.9a/	21.3
/alty	---	---	---	---	---	---	---	---	---	---	21.0	20.7	22.4	23.4	---	---	---	22.6	22.9
Rubired	---	---	---	---	---	---	---	---	---	---	20.8	21.3	22.4	22.4	21.3	---	---	22.3	22.0
Ruby Cabernet	---	---	22.4	---	---	16.3	25.1	---	22.3	---	21.7	21.4	21.8	23.7	21.2	---	---	22.2a/	21.8
Salvador	---	---	---	---	---	19.5	---	---	---	---	---	---	19.2	22.1	23.1	---	---	21.8a/	20.3
Souzao	---	---	---	---	---	---	---	---	---	---	---	---	26.8	---	---	---	---	26.8	24.2
St. Macaire	---	---	---	---	---	---	---	---	---	---	21.8	21.2	---	---	---	---	---	21.4a/	22.1
Syrah/French Syrah-Shiraz	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	22.0a/	a/
Tinta Madeira	---	---	---	---	---	---	---	---	---	---	---	20.0	22.9	---	---	---	---	21.2	22.7
Touriga	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	a/	---
Valdepenas	---	---	---	---	---	---	---	---	---	---	---	21.6	---	---	---	---	---	21.6	22.0
Zinfandel	21.3	21.6	22.2	21.1	23.0	23.2	18.3	21.7	22.3	22.0	21.8	21.1	22.8	---	22.8	20.2	21.0	21.5b/	22.0
Other Black c/	19.5	---	21.9	---	---	---	---	---	---	---	---	21.9	21.2	---	20.9	---	---	21.0a/	21.9
TOTAL BLACK	21.4	21.9	21.6	21.6	21.3	21.7	20.8	22.2	21.4	22.0	21.7	21.2	21.5	22.4	22.4	21.5	21.6	21.7a/b/	21.2
TOTAL WINE	21.2	21.6	21.4	21.6	21.5	20.4	20.3	21.0	21.0	21.9	20.3	20.1	20.6	20.3	21.0	21.8	20.8	20.6	20.4
TOTAL ALL VARIETIES	21.2	21.6	21.4	21.6	21.5	20.4	20.3	21.0	20.9	21.9	19.0	20.1	20.4	20.0	21.1	21.8	20.8	20.2	20.0

a/ Some districts or State totals for this variety are less than 25 tons.
b/ Variety data in one or more districts are not shown in order to avoid disclosure of individual operations but they are generally included in the district and State sum total.
c/ Other categories include minor varieties as well as mixed varieties.
d/ Correction: Some tonnage and related information misreported as Carnelian in district 13, should have been Centurian in the 1982 report.

TABLE 6: Weighted average grower returns per ton delivered basis purchased for wine, concentrate, juice, vinegar, and beverage brandy by California wineries from the 1983 crop by type, variety, and reporting district where grown, with comparisons

Type and Variety	1	2	3	4	5	6	7	8	9	10
	Dollars									
RAISIN GRAPES:										
Muscat	---	---	---	---	---	---	---	---	---	---
Sultana	---	---	---	---	---	---	---	---	---	---
Thompson Seedless	---	---	---	---	---	---	---	---	100.00	---
Packinghouse Culls	---	---	---	---	---	---	---	---	---	---
Other Raisin c/	---	---	---	---	---	---	---	---	---	---
TOTAL RAISIN	---	---	---	---	---	---	---	---	100.00	---
TABLE GRAPES:										
Almeria	---	---	---	---	---	---	---	---	---	---
Black Morocco	---	---	---	---	---	---	---	---	---	---
Black Prince	---	---	---	---	---	---	---	---	---	---
Blackrose	---	---	---	---	---	---	---	---	---	---
Calmeria	---	---	---	---	---	---	---	---	---	---
Cardinal	---	---	---	---	---	---	---	---	---	---
Concord	---	---	---	---	---	---	---	---	---	---
Cornichon	---	---	---	---	---	---	---	---	---	---
Emperor	---	---	---	---	---	---	---	---	---	---
Flame Seedless	---	---	---	---	---	---	---	---	---	---
Golden Muscat	---	---	---	---	---	---	---	---	---	---
Italia	---	---	---	---	---	---	---	---	---	---
Perlette	---	---	---	---	---	---	---	---	---	---
Queen	---	---	---	---	---	---	---	---	---	---
Red Malaga	---	---	---	---	---	---	---	---	---	---
Ribier	---	---	---	---	---	---	---	---	---	---
Ruby Seedless	---	---	---	---	---	---	---	---	---	---
Scarlet	---	---	---	---	---	---	---	---	---	---
Superior Seedless	---	---	---	---	---	---	---	---	---	---
Tokay	---	---	---	---	---	---	---	---	---	---
White Malaga	---	---	---	---	---	---	---	---	---	---
Packinghouse Culls	---	---	---	---	---	---	---	---	---	---
Other Table c/	---	---	---	---	---	---	---	---	---	---
TOTAL TABLE	---	---	---	---	---	---	---	---	---	---
WINE GRAPES (White):										
Burger	---	---	205.34	204.46	---	---	---	---	---	---
Chardonnay	928.63	701.57	1,021.69	1,266.90	446.43	897.59	710.35	758.40	485.09	---
Chasselas Dore	---	---	---	---	---	---	---	---	---	---
Chenin Blanc	415.70	352.96	381.00	419.75	192.97	459.64	325.60	298.89	177.18	384.46
Emerald Riesling	---	---	---	---	---	456.40	78.65	159.37	---	---
Feher Szagos	---	---	---	---	---	---	---	---	---	---
Flora	302.23	---	---	737.28	100.00	---	---	---	---	---
Folle Blanche	---	---	---	---	---	---	---	---	---	---
French Colombard	300.59	---	301.24	342.31	185.41	310.66	254.97	169.30	157.21	---
Gewurztraminer	472.06	350.00	549.09	463.16	---	---	543.27	509.50	---	---
Gray Riesling	347.11	---	380.88	343.01	---	425.00	316.21	250.00	---	---
Green Hungarian	291.59	---	293.89	357.39	300.00	375.00	---	222.00	---	---
Kleinberger	---	---	---	---	---	---	---	---	---	---
Malvasia Bianca	---	---	---	---	---	235.00	351.39	---	---	---
Muscat Blanc	---	458.49	685.21	575.34	---	---	313.33	447.28	---	---
Orange Muscat	---	---	---	---	---	---	---	---	---	---
Palomino	213.44	---	224.55	245.06	---	171.04	---	---	---	---
Pedro Ximenes	---	---	---	---	---	---	---	---	---	---
Peverella	---	---	---	---	---	---	---	---	---	---
Pinot Blanc	391.85	---	910.37	919.56	---	593.31	461.97	598.00	---	---
Sauvignon Blanc	599.68	459.31	673.45	797.39	348.38	---	521.61	600.26	400.96	448.92
Sauvignon Vert	---	---	247.58	224.13	---	313.36	---	---	---	---
Semillon	---	400.00	440.13	718.05	---	466.09	283.25	171.18	---	---
St. Emilion (Ugni Blanc)	---	---	---	---	---	---	---	---	---	---
Sylvaner	---	---	376.15	284.81	---	400.00	258.22	206.24	---	---
White Riesling	455.57	367.41	504.53	479.07	---	458.37	469.72	376.26	---	---
Other White c/	213.74	---	214.25	---	---	---	---	---	---	---
TOTAL WHITE	505.56	432.84	656.29	808.03	259.64	449.54	414.04	477.16	189.38	446.34

TABLE 6: Weighted average grower returns per ton delivered basis purchased for wine, concentrate, juice, vinegar, and beverage brandy by California wineries from the 1983 crop by type, variety, and reporting district where grown, with comparisons (cont'd)

Type and Variety	11	12	13	14	15	16	17	1983 State Total	1982 State Total
					Dollars				
RAISIN GRAPES									
Muscat	---	150.00	132.66	129.17	98.81	---	---	132.04 a/	142.82
Sultana	---	---	99.71	---	---	---	---	99.71	119.77
Thompson Seedless	100.00	95.88	101.23	102.23	---	---	---	101.09	126.42
Packinghouse Culls	---	---	24.33	23.00	---	---	---	24.55 a/	100.00
Other Raisin c/	---	---	---	---	---	---	---	---	61.99
TOTAL RAISIN	97.72	97.62	103.47	105.76	98.81	---	---	103.66 a/	127.09
TABLE GRAPES:									
Almeria	---	---	107.14	110.00	---	---	---	108.29	61.81
Black Morocco	---	---	---	---	---	---	---	---	a/
Black Prince	---	---	---	---	80.00	---	---	80.00	120.00
Blackrose	---	---	---	---	---	---	---	a/	a/
Calmeria	---	---	104.14	107.12	---	---	---	105.63	72.59
Cardinal	---	---	29.85	110.00	---	---	---	81.06	76.99
Concord	---	---	---	---	---	---	---	b/	b/
Cornichon	---	---	---	---	---	---	---	---	75.00
Emperor	---	---	105.20	108.40	---	---	---	107.24 a/	54.47
Flame Seedless	75.00	---	---	75.24	---	---	---	75.23	50.00
Golden Muscat	---	---	---	---	---	---	---	---	125.00
Italia	---	---	130.00	110.00	---	---	---	119.18	119.37
Perlette	---	---	---	---	---	---	---	---	116.09
Queen	---	---	110.00	---	---	---	---	110.00	39.93
Red Malaga	---	---	80.74	72.84	---	---	---	73.97 a/	70.68
Ribier	---	---	93.07	99.37	---	---	---	94.50 a/	89.28
Ruby Seedless	---	---	69.46	101.50	---	---	---	77.09	---
Scarlet	---	---	---	---	---	---	---	a/	---
Superior Seedless	---	---	---	65.00	---	---	---	65.00	---
Tokay	159.98	---	110.00	100.00	---	---	---	159.20	159.84
White Malaga	---	---	101.60	120.68	---	---	---	105.80	120.64
Packinghouse Culls	---	---	36.47	---	---	---	---	36.47	---
Other Table c/	---	---	---	85.00	---	---	---	76.73 a/	44.60
TOTAL TABLE	159.94	98.98	98.99	107.66	80.00	---	---	131.76 a/b/	148.53
WINE GRAPES (White):									
Burger	154.89	---	123.80	175.00	88.16	---	---	150.60 a/	143.92
Chardonnay	453.23	103.28	---	---	---	529.48	400.00	979.79 a/b/	1,094.22
Chasselas Dore	---	---	---	---	---	---	---	a/	---
Chenin Blanc	190.13	180.19	167.22	120.35	---	352.15	268.90	192.63 a/	216.69
Emerald Riesling	296.04	178.56	154.60	133.51	65.00	---	---	139.48	172.11
Feher Szagos	---	---	107.13	---	---	---	---	107.13	129.53
Flora	---	---	---	75.00	---	---	---	131.77 a/	177.57
Folle Blanche	---	---	---	---	---	---	---	a/	764.60
French Colombard	166.18	163.02	160.24	118.85	---	---	191.26	156.68	170.46
Gewurztraminer	---	---	---	---	---	---	---	521.71 a/b/	539.01
Gray Riesling	172.53	---	---	100.00	---	---	175.00	281.51 b/	369.69
Green Hungarian	---	311.63	---	72.72	---	---	---	274.81	275.26
Kleinberger	---	---	---	---	---	---	---	---	480.00
Malvasia Bianca	---	190.00	210.40	290.36	80.00	---	---	242.83	250.65
Muscat Blanc	---	---	140.16	114.58	---	---	---	185.74 a/	249.02
Orange Muscat	---	---	---	---	---	---	---	300.00 b/	294.21
Palomino	150.00	122.13	112.65	130.03	76.18	---	---	117.47 a/	135.64
Pedro Ximenes	---	---	---	75.00	---	---	---	75.00	123.19
Peverella	---	---	---	117.87	---	---	---	117.87	150.00
Pinot Blanc	160.00	160.00	---	---	---	400.59	---	474.10 a/	535.48
Sauvignon Blanc	282.54	156.93	---	---	---	478.61	287.35	487.11 a/b/	595.04
Sauvignon Vert	---	---	---	---	---	---	---	245.32 a/	262.76
Semillon	358.95	169.99	150.52	102.78	---	---	369.79	215.26 a/	254.41
St. Emilion (Ugni Blanc)	---	145.00	128.90	104.02	---	---	---	132.31	160.87
Sylvaner	---	114.24	---	---	---	---	---	229.49 b/	317.66
White Riesling	152.23	103.20	---	---	---	291.80	---	430.83 a/	554.62
Other White c/	---	149.91	80.00	52.81	85.96	211.37	---	106.93 a/	194.42
TOTAL WHITE	190.55	166.73	160.24	120.71	82.27	331.67	255.31	225.17 a/b/	252.22

a/ Some districts or State totals for this variety are less than 25 tons.
b/ Variety data in one or more districts are not shown in order to avoid disclosure of individual operations but they are generally included in the district and State sum totals.
c/ Other categories include minor varieties as well as mixed varieties.
d/ Correction: Tonnage and related information misreported as Carnelian in District 13, should have been Centurian in the 1982 report.

TABLE 6: Weighted average grower returns per ton delivered basis purchased for wine, concentrate, juice, vinegar, and beverage brandy by California wineries from the 1983 crop by type, variety, and reporting district where grown, with comparisons (cont'd)

Type and Variety	1	2	3	4	5	6	7	8	9	10
	Dollars									
WINE GRAPES (Black):										
Aleatico	---	---	---	---	---	---	---	---	---	---
Alicante Bouschet	---	---	240.20	---	---	166.61	---	---	---	---
Almission	---	---	---	---	---	---	---	---	---	---
Aramon	---	---	---	---	---	---	---	---	---	---
Barbera	---	---	511.39	---	---	---	---	297.77	98.68	294.06
Black Malvoisie	---	---	---	---	---	---	---	---	---	---
Cabernet Franc	---	---	---	980.26	---	---	212.22	---	---	---
Cabernet Sauvignon	468.66	318.60	519.32	731.89	327.70	907.13	279.12	398.45	349.78	496.68
Calzin	---	---	---	---	---	---	---	---	---	---
Carignane	247.63	---	255.73	225.52	---	187.13	150.00	---	---	---
Carmine	---	---	---	---	---	---	---	---	---	---
Carnelian	---	---	---	---	---	---	303.80	---	---	---
Centurian	---	---	---	---	---	---	303.80	---	---	---
Charbono	303.49	---	---	487.42	---	---	---	---	---	---
Early Burgundy	---	---	273.30	177.97	200.00	---	284.16	---	---	---
Gamay (Napa)	287.21	208.97	348.04	312.58	238.14	---	229.98	321.39	76.85	---
Gamay Beaujolais	384.91	150.00	316.08	479.98	---	513.01	148.65	338.16	---	---
Grand Noir	---	---	---	---	---	---	---	---	---	---
Grenache	250.00	---	279.04	150.00	---	---	301.01	---	150.00	---
Grignolino	---	---	---	---	---	100.00	---	---	---	---
Malbec	---	---	---	---	---	---	---	---	---	---
Mataro	---	---	---	---	---	144.49	---	---	---	---
Merlot	417.98	391.86	474.37	812.78	---	---	404.89	447.69	---	---
Mission	---	---	---	---	---	---	---	---	---	200.00
Muscat Hamburg	---	---	---	---	---	---	---	---	---	---
Nebbiolo	---	---	---	---	---	---	---	---	---	---
Petite Bouschet	---	---	---	---	---	---	---	---	---	---
Petite Sirah	307.67	---	359.59	482.11	277.55	292.95	214.19	234.60	110.70	---
Petite Verdot	---	---	---	---	---	---	---	---	---	---
Pinot Noir	343.99	---	439.92	737.16	225.00	392.20	307.63	466.19	---	---
Pinot St. George	260.00	---	342.63	---	---	---	---	---	---	---
Refusco/Mondeuse	220.60	---	227.27	---	---	---	---	---	---	---
Royalty	---	---	---	---	---	---	---	---	---	---
Rubired	---	---	---	---	---	---	---	---	---	---
Ruby Cabernet	---	---	263.25	---	---	106.06	250.00	---	150.37	---
Salvador	---	---	---	---	---	100.00	---	---	---	---
Souzao	---	---	---	---	---	---	---	---	---	---
St. Macaire	---	---	---	---	---	---	---	---	---	---
Syrah/French Syrah-Shiraz	---	---	---	---	---	---	---	---	---	---
Tinta Madeira	---	---	---	---	---	---	---	---	---	---
Touriga	---	---	---	---	---	---	---	---	---	---
Valdepenas	---	---	---	---	---	---	---	---	---	---
Zinfandel	369.67	268.27	423.74	440.23	265.29	376.78	266.71	345.15	219.66	392.18
Other Black c/	209.69	---	248.40	---	---	---	---	---	---	---
TOTAL BLACK	331.07	304.66	439.70	664.57	256.68	380.68	267.15	386.86	139.29	387.31
TOTAL WINE	405.73	344.59	529.42	738.89	257.69	419.35	370.65	444.59	157.29	395.95
TOTAL ALL VARIETIES	405.73	344.59	529.42	738.89	257.69	419.35	370.65	444.59	156.17	396.12

TABLE 6: Weighted average grower returns per ton delivered basis purchased for wine, concentrate, juice, vinegar, and beverage brandy by California wineries from the 1983 crop by type, variety, and reporting district where grown, with comparisons (cont'd.)

Type and Variety	11	12	13	14	15	16	17	1983 State Total	1982 State Total
	Dollars								
WINE GRAPES (Black):									
Aleatico	---	---	140.00	---	80.00	---	---	132.61	140.00
Alicante Bouschet	---	---	81.84	---	---	---	---	105.16 a/	82.50
Almission	---	---	---	---	---	---	---	---	67.88
Aramon	---	---	---	---	---	---	---	a/	150.00
Barbera	146.17	145.78	127.98	88.25	---	---	114.99	122.40 a/	121.00
Black Malvoisie	153.87	---	74.26	75.00	---	---	---	85.80 a/	67.59
Cabernet Franc	---	---	---	---	---	---	---	699.16 a/	1,154.52
Cabernet Sauvignon	239.26	151.70	90.00	75.00	---	311.59	212.10	461.44 b/	541.44
Calzin	---	---	---	---	---	---	---	a/	a/
Carignane	152.82	115.23	102.56	93.30	80.00	---	---	125.43 a/	128.31
Carmine	---	---	---	---	---	---	---	a/	84.56
Carnelian	159.50	95.70	117.17	73.80	---	---	---	102.36	123.85 d/
Centurian	143.69	---	---	---	---	---	---	127.62 a/b/	124.74 d/
Charbono	---	---	---	---	---	---	---	423.39 a/	399.46
Early Burgundy	---	---	---	---	---	---	123.40	261.53 a/	240.95
Gamay (Napa)	88.25	---	110.00	---	---	---	200.00	236.55 b/	251.42
Gamay Beaujolais	---	---	---	---	---	---	---	311.32 a/b/	333.76
Grand Noir	---	---	---	---	---	---	---	a/	---
Grenache	95.18	133.54	142.97	107.05	76.96	---	---	135.66 a/	135.59
Grignolino	---	---	---	---	---	---	---	100.00	156.38
Malbec	---	154.00	---	---	---	---	---	194.74 a/	188.77
Mataro	---	---	---	---	80.00	---	---	101.60 a/	128.04
Merlot	155.01	---	---	---	---	---	185.56	556.74 a/	579.25
Mission	128.66	126.79	111.81	---	81.46	---	---	100.41 a/b/	113.09
Muscat Hamburg	---	86.60	---	---	---	---	---	115.92 a/	445.03
Nebbiolo	---	113.69	---	75.00	---	---	---	106.46	139.97
Petite Bouschet	---	---	---	---	---	---	---	---	104.68
Petite Sirah	121.20	93.50	125.00	63.92	---	---	169.50	166.20 a/	219.41
Petite Verdot	---	---	---	---	---	---	---	---	a/
Pinot Noir	---	---	---	---	---	---	---	515.99 a/	492.76
Pinot St. George	---	---	---	---	---	---	---	299.07 a/	255.76
Refusco/Mondeuse	---	---	---	---	---	---	---	220.38 a/	273.67
Royalty	100.00	113.51	120.31	119.29	---	---	---	119.73	108.07
Rubired	101.57	106.41	116.00	113.09	100.97	---	---	113.92	103.66
Ruby Cabernet	140.41	124.10	117.27	81.77	80.00	---	---	110.02 a/	116.42
Salvador	---	---	106.32	110.93	80.00	---	---	110.27 a/	101.72
Souzao	---	---	100.00	---	---	---	---	100.00	150.00
St. Macaire	142.10	123.79	---	---	---	---	---	126.12 a/	121.04
Syrah/French Syrah-Shiraz	---	---	---	---	---	---	---	508.34 a/	a/
Tinta Madeira	---	100.52	89.40	---	---	---	---	95.93	139.23
Touriga	---	---	---	---	---	---	---	a/	---
Valdepenas	---	113.11	---	---	---	---	---	113.11	114.34
Zinfandel	215.07	115.39	82.15	---	87.32	155.00	137.30	268.96 b/	297.93
Other Black c/	---	90.00	111.34	---	104.84	---	---	128.31 a/	138.54
TOTAL BLACK	187.72	124.46	123.28	95.36	85.68	243.30	169.80	185.08 a/b/	185.98
TOTAL WINE	189.39	149.66	144.92	109.98	84.82	321.29	232.18	208.11	220.13
TOTAL ALL VARIETIES	178.69	147.00	134.80	109.18	84.84	321.29	232.18	190.98	194.07

a/ Some districts or State totals for this variety are less than 25 tons.
b/ Variety data in one or more districts are not shown in order to avoid disclosure of individual operations but they are generally included in the district and State sum totals.
c/ Other categories include minor varieties as well as mixed varieties.
d/ Correction: Tonnage and related information misreported as Carnelian in District 13, should have been Centurian in the 1982 report.

TABLE 7: Tons of grapes purchased by California wineries for distilling material other than beverage brandy from the 1983 and 1982 crops by type, and variety

Type and Variety	New Weight Distilled (tons)		Average Degrees Brix Distilling		Average Price Per Ton (dollars)	
	1983	1982	1983	1982	1983	1982
RAISIN GRAPES:						
Muscat	160.0	400.5	19.6	18.6	12.62	41.14
Sultana	30.8	68.4	20.7	19.0	25.89	33.49
Thompson Seedless	11,997.8	28,483.2	19.6	20.3	36.03	41.03
Packinghouse Culls	787.6	a/	21.8	a/	27.25	a/
Other Raisin b/	---	1,133.0	---	19.0	---	35.00
TOTAL RAISIN	12,976.2	30,100.5	19.7	20.2	35.18	40.79
TABLE GRAPES:						
Blackrose	---	45.0	---	18.7	---	60.78
Calmeria	---	1,296.6	---	18.6	---	37.56
Cardinal	---	477.9	---	19.6	---	46.74
Emperor	174.3	1,221.8	14.8	17.6	32.67	32.69
Exotic	---	25.0	---	20.1	---	50.30
Flame Seedless	471.4	143.8	20.2	23.0	24.17	40.00
Golden Muscat	---	597.4	---	20.5	---	39.15
Italia	a/	60.9	a/	18.7	a/	40.00
Perlette	---	167.5	---	16.3	---	75.00
Queen	a/	47.3	a/	17.0	a/	40.00
Red Malaga	a/	375.5	a/	18.4	a/	37.17
Ribier	215.9	960.2	18.8	18.3	70.02	43.95
Ruby Seedless	79.8	49.4	18.4	21.7	24.86	35.90
Superior Seedless	---	1,402.6	---	18.5	---	45.90
Tokay	69.8	a/	20.4	a/	46.13	a/
White Malaga	335.8	872.3	17.8	20.0	38.36	41.51
Packinghouse Culls	166.2	---	17.0	---	30.00	---
Other Table b/	41.4	a/	8.2	a/	13.03	a/
TOTAL TABLE	1,580.9	7,782.3	18.2	18.8	35.72	41.25
WINE GRAPES (White):						
Burger	105.8	a/	17.9	a/	28.30	a/
Chardonnay	35.2	92.3	22.3	18.9	66.90	58.30
Chenin Blanc	5,281.6	2,820.8	18.1	20.4	43.97	44.05
Emerald Riesling	64.4	---	16.7	---	41.65	---
Feher Szagos	---	589.4	---	18.0	---	40.00
French Colombard	2,257.9	5,364.1	20.3	21.5	43.67	46.95
Gray Riesling	27.0	a/	18.2	a/	54.51	a/
Muscat Blanc	---	321.0	---	21.5	---	67.40
Palomino	525.7	539.4	19.8	19.0	43.22	47.14
Semillon	771.0	953.6	24.8	18.4	37.06	51.06
St. Emilion (Ugni Blanc)	69.9	196.0	17.0	20.1	21.06	39.32
Sauvignon Blanc	a/	110.8	a/	18.3	a/	54.80
Sylvaner	194.8	---	23.5	---	70.45	---
White Riesling	354.6	168.5	25.0	21.2	54.99	63.70
Other White b/	119.3	769.5	21.5	20.2	64.41	60.76
TOTAL WHITE	9,812.6	11,993.2	19.6	20.5	44.25	48.05
WINE GRAPES (Black):						
Alicante Bouschet	44.7	1,356.2	20.1	19.1	19.18	41.83
Barbera	152.6	3,399.4	22.9	21.7	55.18	58.31
Black Malvoisie	---	227.1	---	21.0	---	64.61
Cabernet Sauvignon	350.5	333.2	23.7	27.4	71.08	62.36
Carignane	2,150.3	11,338.9	22.7	22.6	45.42	48.30
Carnelian	26.0	147.2	18.5	27.2	45.00	47.66
Gamay (Napa)	478.8	a/	19.3	a/	58.02	a/
Grenache	1,148.1	2,247.5	20.9	24.2	50.59	45.86
Mataro	---	106.1	---	21.7	---	64.69
Merlot	47.8	a/	26.7	a/	79.95	a/
Mission	67.2	343.7	23.2	24.5	57.88	74.79
Petite Sirah	3,350.3	72.8	19.7	21.4	58.68	64.30
Rubired	83.7	59.7	19.0	26.3	15.71	78.86
Ruby Cabernet	321.4	1,827.9	23.8	21.0	59.51	50.80
Salvador	55.1	---	19.1	---	47.75	---
St. Macaire	---	83.9	---	22.5	---	67.50
Tinta Madeira	111.6	121.4	25.5	28.7	63.64	86.04
Valdepenas	---	212.0	---	22.8	---	68.31
Zinfandel	5,395.6	1,699.4	19.8	21.0	58.81	58.21
Other Black b/	683.6	1,354.4	20.8	22.9	40.22	55.37
TOTAL BLACK	14,467.3	24,995.5	20.6	22.3	55.17	51.64
TOTAL WINE	24,279.9	36,988.7	20.2	21.8	50.76	50.48
TOTAL ALL VARIETIES	38,837.0	74,871.5	20.0	20.8	44.94	45.62

a/ Total reported tonnage for this variety was less than 25 tons.
b/ Other categories include minor varieties as well as mixed varieties.

Table 8. Base price paid to growers for grapes crushed, delivered California wineries, with Brix factors & percent, by type, by variety, & reporting district where grown, 1983 season

DISTRICT 1

WINE GRAPES (White)

Variety	Base Price	Brix Factors	Percent of Variety
	Dollars Per Ton	Code a/	Percent
Chardonnay	100.00	0010	.2
	375.00	4975	.1
	540.00	0010	.6
	560.00	0010	1.0
	600.00	0010	15.0
	600.00	4410	.9
	600.00	6067	3.5
	675.00	0200	.2
	682.50	0195	.1
	700.00	0010	2.0
	750.00	0010	12.1
	750.00	0038	.2
	750.00	4590	.2
	750.00	4600	6.0
	800.00	0010	4.7
	800.00	0042	.9
	800.00	4505	.1
	800.00	7435	2.1
	830.00	2645	13.9
	928.63	0310	7.9
	1,000.00	0010	4.3
	1,100.00	0010	.2
	1,200.00	0010	23.8
Chenin Blanc	225.00	1000	.9
	300.00	2053	.7
	340.00	0010	12.2
	350.00	0010	17.6
	350.00	1720	4.4
	375.00	0010	6.6
	375.00	1000	.9
	375.00	3907	3.8
	400.00	0010	1.9
	400.00	2140	7.6
	415.70	0310	11.7
	450.00	2630	2.8
	475.00	0010	4.2
	525.00	0010	2.9
	550.00	0010	21.8
Flora	275.00	0980	51.7
	325.00	3853	48.3
French Colombard	225.00	1000	2.8
	253.75	0150	.9
	260.00	2053	1.6
	275.00	0010	8.9
	280.00	0010	4.7
	285.00	0010	1.4
	300.00	0010	b/
	300.00	1000	2.0
	300.59	0310	3.4
	325.00	0010	36.1
	325.00	1881	25.1
French Colombard (Cont'd)	325.00	3854	8.4
	325.00	6063	.1
	390.00	0010	.8
	400.00	0010	4.0
Gewurztraminer	400.00	0010	24.4
	425.00	0010	1.7
	450.00	0010	10.8
	472.06	0310	10.9
	475.00	0010	8.1
	500.00	0010	2.2
	500.00	1000	29.2
	500.00	2650	3.1
	540.00	0125	4.4
	585.50	0195	1.8
	600.00	0035	3.4
Gray Riesling	200.00	0010	28.8
	300.00	0980	3.0
	375.00	3907	2.6
	400.00	0010	.9
	400.00	3750	10.3
	425.00	0010	54.4
Green Hungarian	293.91	0310	2.2
	300.00	0010	11.8
	300.00	1075	1.6
	325.00	0010	3.3
	400.00	1075	81.1
Palomino	200.00	0010	47.5
	225.00	0980	51.2
	250.00	0010	1.3
Pinot Blanc	275.00	0010	41.6
	475.00	0010	58.4
Sauvignon Blanc	450.00	0010	4.4
	490.00	0010	16.3
	500.00	0010	3.8
	500.00	1000	10.9
	500.00	2053	2.1
	500.00	4410	.7
	525.00	0010	1.1
	525.00	2658	5.1
	550.00	0010	.2
	575.00	0010	11.0
	575.00	0038	1.5
	575.00	0140	1.4
	575.00	0200	.2
	575.00	2710	.9
	599.68	0310	10.7
	600.00	0010	.9
	625.00	0010	.8
	632.50	4600	5.7
	700.00	0035	5.6
Sauvignon Blanc (Cont'd)	715.50	0010	4.4
	825.00	0200	1.5
	850.00	0010	10.8
White Riesling	300.00	0010	3.6
	350.00	0010	1.2
	375.00	0010	4.3
	375.00	3907	2.5
	400.00	0027	1.7
	425.00	0010	9.9
	440.00	0010	9.1
	450.00	0010	14.3
	450.00	1000	6.1
	450.00	2140	31.2
	475.00	0010	8.0
	495.00	0150	.8
	500.00	0010	1.1
	550.00	0010	4.7
	1,400.00	0290	1.5

WINE GRAPES (Black)

Variety	Base Price	Brix Factors	Percent of Variety
	Dollars Per Ton	Code a/	Percent
Cabernet Sauvignon	175.00	0010	2.2
	282.24	3984	18.2
	300.00	0120	.7
	400.00	0010	4.3
	415.00	0010	4.7
	450.00	0010	.6
	450.00	4978	19.1
	468.66	0310	7.0
	475.00	4680	13.0
	500.00	0010	12.2
	540.00	0010	4.8
	550.00	0010	2.1
	550.00	0042	.8
	550.00	4265	3.5
	650.00	0235	.6
	650.00	4740	5.8
	800.00	0010	.4
Carignane	145.00	4978	2.2
	175.00	0010	.3
	195.00	0010	.8
	200.00	0010	6.5
	250.00	0010	1.2
	260.00	4900	47.8
	260.00	4978	39.2
	275.00	4185	.5
	275.00	6227	1.1
	300.00	0010	.4
Charbono	250.00	4900	18.1
	265.00	0010	23.9
	375.00	0010	23.0
	412.50	4264	35.0
Gamay (Napa)	36.36	0010	5.4
	300.00	0010	.5
	300.00	3935	15.4
	350.00	3925	65.1
	350.00	3935	12.8
	400.00	0010	.8
Gamay Beaujolais	250.00	0010	4.2
	275.00	0010	3.3
	300.00	0010	16.3
	300.00	0745	7.0
	365.00	0010	10.5
	375.00	4675	28.0
	382.50	3893	30.7
Grenache	250.00	0010	100.0
Merlot	375.00	4978	26.0
	466.00	0010	29.0
	500.00	0010	3.3
	550.00	4264	41.7
Petite Sirah	225.00	0010	1.7
	250.00	0010	5.8
	260.00	4978	1.8
	275.00	6069	3.5
	285.00	0010	3.6
	300.00	0010	1.8
	350.00	4900	48.2
	375.00	4675	1.4
	375.00	4978	29.2
	400.00	0010	1.8
	450.00	0010	1.1
	450.00	0042	.1
Pinot Noir	75.00	0010	.5
	150.00	0010	2.6
	250.00	0010	5.4
	275.00	0010	20.6
	300.00	0010	12.5
	300.00	0745	4.3
	325.00	0010	.9
	325.00	4190	1.8
	350.00	0010	.6
	375.00	0010	2.7
	375.00	0320	18.7
	375.00	4675	4.3
	400.00	6067	3.2
	425.00	0010	4.3
	425.00	0062	13.8
	425.00	0195	3.5
	475.00	0010	.3
	550.00	0155	b/
Pinot St. George	250.00	4670	100.0

(Continued)

Table 8. Base price paid to growers for grapes crushed, delivered California wineries, with Brix factors & percent, by type, by variety, & reporting district where grown, 1983 season (Cont'd)

Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety
	Dollars Per Ton	Code a/	Percent		Dollars Per Ton	Code a/	Percent		Dollars Per Ton	Code a/	Percent		Dollars Per Ton	Code a/	Percent
						DISTRICT 1 (Cont'd)									
Refosco/Mondeuse	200.00	4670	74.2	Zinfandel (Cont'd)	320.00	0010	2.7	Zinfandel (Cont'd)	400.00	4900	35.8	Zinfandel (Cont'd)	500.00	0042	.3
	275.00	4900	25.8		340.00	0010	5.5		400.00	4978	14.9		560.00	0245	.5
Zinfandel	250.00	0010	9.0		375.00	0010	7.9		450.00	0010	1.8		600.00	0010	1.0
	250.00	6100	4.6		375.00	0135	.8		450.00	0042	.1		625.00	0010	1.7
	260.00	4978	2.0		375.00	2320	4.4		450.00	0203	.5		700.00	0215	.8
	300.00	0010	3.1		400.00	4675	.2		450.00	4205	.6		800.00	0200	.3
									450.00	4265	1.5				
						DISTRICT 2									
		WINE GRAPES (White)		Sauvignon Blanc	400.00	0010	16.1			WINE GRAPES (Black)		Gamay (Napa)	175.00	0010	63.5
					425.00	0010	38.3						250.00	0010	10.1
Chardonnay	700.00	0010	96.9		450.00	0010	3.9	Cabernet Sauvignon	225.00	0010	7.7		275.00	0010	26.4
	750.00	0010	3.1		450.00	6020	3.7		250.00	0010	2.5				
					490.00	0010	16.9		250.00	3984	41.6	Gamay Beaujolais	150.00	0010	100.0
Chenin Blanc	350.00	0010	37.8		525.00	0010	11.5		260.00	0010	3.6				
	375.00	3907	23.0		575.00	0010	4.9		350.00	0010	1.0	Merlot	300.00	0010	48.8
	400.00	0010	39.2		600.00	0010	4.7		352.00	0042	1.0		475.00	0010	48.6
									400.00	0010	15.6		550.00	4490	2.6
Gewurztraminer	350.00	0010	100.0	Semillon	400.00	0010	100.0		400.00	4573	.4				
									400.00	7315	8.0	Zinfandel	150.00	0010	.8
Muscat Blanc	325.00	0010	40.1	White Riesling	300.00	0010	13.3		420.00	0010	12.9		175.00	1730	41.5
	500.00	0010	2.6		350.00	0010	8.5		450.00	4200	2.6		270.00	0010	16.7
	550.00	0010	57.3		375.00	0010	34.7		500.00	0010	.9		325.00	0010	9.5
					400.00	0010	11.0		550.00	4490	2.0		370.00	0010	27.1
					400.00	1745	32.5		600.00	0010	.2		450.00	4480	.4
													450.00	4490	3.8
													495.00	0010	.2
						DISTRICT 3									
		WINE GRAPES (White)		Chardonnay (Cont'd)	650.00	0010	4.1	Chardonnay (Cont'd)	750.00	4600	1.1	Chardonnay (Cont'd)	900.00	4480	.6
					650.00	3957	.3		750.00	4740	.1		900.00	7216	.5
Burger	195.00	0010	11.4		671.00	0010	.4		750.00	4785	.1		916.00	0010	.5
	200.00	0010	4.4		690.00	0010	.2		750.00	5305	.7		937.50	0010	.1
	200.00	1100	4.5		700.00	0010	1.1		760.00	0010	b/		950.00	0010	.7
	250.00	0949	2.5		700.00	0145	.2		762.00	0010	.1		950.00	7225	.3
	250.00	0980	69.2		700.00	0185	b/		765.00	0010	.1		960.00	0010	.3
	275.00	0010	8.0		750.00	0010	4.8		800.00	0010	b/		977.00	0010	.3
					750.00	0145	1.2		800.00	0042	.3		985.00	0010	.1
Chardonnay	362.50	0010	.1		750.00	0214	.1		800.00	0460	1.0		1,000.00	0010	3.6
	375.00	4975	.1		750.00	0235	.2		825.00	0010	.7		1,000.00	0195	.2
	400.00	0010	.2		750.00	0460	2.2		830.00	2610	.7		1,000.00	4410	.2
	450.00	4720	.1		750.00	2750	.6		830.00	4660	.2		1,000.00	4579	1.2
	500.00	0010	.1		750.00	3440	.1		830.00	4707	3.9		1,000.00	7323	.1
	500.00	0460	.1		750.00	3455	2.0		850.00	0010	.7		1,010.31	0010	.5
	550.00	0010	.7		750.00	4133	.4		850.00	0214	1.3		1,050.00	0010	.3
	550.00	4925	.2		750.00	4410	1.0		850.00	4550	.8		1,050.00	0214	.2
	600.00	0010	.1		750.00	4480	.2		897.66	7190	.2		1,050.00	7000	b/
	600.00	0185	.1		750.00	4540	.2		900.00	0010	3.1		1,071.22	0460	.2
	600.00	0235	.1		750.00	4541	.3		900.00	0230	.2		1,071.41	0150	b/
	600.00	0460	.1		750.00	4550	1.7		900.00	4295	.1		1,075.00	7216	.2
	600.00	4975	2.8		750.00	4585	.3		900.00	4410	.4		1,080.00	6073	.7

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Table 8. Base price paid to growers for grapes crushed, delivered California wineries, with Brix factors & percent, by type, by variety, & reporting district where grown, 1983 season (Cont'd)

DISTRICT 3 (Cont'd)

Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety
	Dollars Per Ton	Code a/	Percent		Dollars Per Ton	Code a/	Percent		Dollars Per Ton	Code a/	Percent		Dollars Per Ton	Code a/	Percent
Chardonnay (Cont'd)	1,100.00	0010	4.3	French Colombard	225.00	1000	3.7	Muscat Blanc	500.00	0010	7.4	Sauvignon Blanc (Cont'd)	675.00	3455	4.5
	1,100.00	0213	.3		250.00	0010	7.5		500.00	5175	16.3		700.00	0010	6.6
	1,100.00	0215	.3		260.00	2059	.1		550.00	0185	4.1		700.00	3455	4.2
	1,100.00	0235	.1		275.00	0010	2.3		570.00	0010	8.6		700.00	4170	3.6
	1,100.00	0258	1.9		300.00	0010	8.4		600.00	0010	13.8		705.00	0010	1.5
	1,100.00	7323	.1		300.00	0955	.8		650.00	0010	1.2		708.13	0010	2.4
	1,125.00	0010	.1		300.00	1000	41.5		650.00	2640	31.3		725.00	0010	.5
	1,125.00	0460	14.9		300.00	1100	1.9		700.00	0215	.3		750.00	0010	.9
	1,130.00	4740	.1		312.58	0115	1.5		725.00	7467	9.5		750.00	2320	1.2
	1,136.17	0010	4.1		325.00	0010	9.1		800.00	0010	7.0		750.00	3455	1.3
	1,149.79	0010	.3		325.00	0725	2.8		900.00	0010	.5		760.00	0010	.3
	1,150.00	0185	.3		325.00	1180	.4						800.00	0010	2.9
	1,177.50	0010	2.5		325.00	2635	.8	Palomino	200.00	1100	5.9		800.00	0185	.2
	1,178.00	0010	1.4		325.00	3854	2.6		225.00	0980	76.7		800.00	2635	1.1
	1,200.00	0010	4.9		350.00	0010	2.6		250.00	0010	5.0		800.00	2680	1.2
	1,200.00	0030	.8		350.00	1990	3.9		250.00	1752	12.4		812.00	0010	2.8
	1,250.00	0010	3.1		370.00	0725	9.6						825.00	2960	.2
	1,250.00	0215	.3		375.00	2610	.4	Pinot Blanc	400.00	0010	.4		840.00	0010	1.3
	1,300.00	6050	.2		400.00	0010	.1		475.00	2635	11.0		850.00	0010	5.0
	1,310.00	0010	.2						800.00	7295	1.1		850.00	0215	1.1
	1,350.00	0217	.9	Gewurztraminer	100.00	0010	.2		862.50	5115	17.9		866.25	2960	.6
	1,363.00	0010	.3		300.00	0010	1.2		965.75	0010	64.6		875.00	4410	1.0
	1,400.00	0010	.2		475.00	3800	7.1		967.69	0010	5.0		900.00	0010	1.5
	1,400.00	0235	.1		500.00	0010	5.6						950.00	0010	.2
	1,500.00	0010	.4		500.00	0125	.3	Sauvignon Blanc	200.00	0715	.9		1,000.00	7295	.3
	1,500.00	0185	.1		500.00	0140	.6		225.00	1000	.1				
	1,562.66	0010	2.6		500.00	1000	43.2		350.00	0010	1.9	Sauvignon Vert	195.00	0010	.4
	1,750.00	0010	.4		500.00	2140	1.1		425.00	0010	1.0		200.00	0010	14.1
	1,912.50	0010	1.5		500.00	2320	3.1		450.00	0010	1.3		200.00	1100	4.6
	1,983.75	7180	.3		500.00	2440	1.9		500.00	0010	b/		250.00	0980	58.8
					500.00	2555	.6		500.00	0195	.9		275.00	0010	4.8
Chenin Blanc	175.00	0010	.3		500.00	2640	4.0		500.00	1000	1.6		275.00	1752	15.8
	225.00	1000	1.3		500.00	2668	.6		523.55	0010	5.5		275.00	2610	1.5
	300.00	0010	1.9		500.00	3100	.5		525.00	0010	2.7				
	325.00	0010	.4		525.00	4106	1.8		550.00	0010	.2	Semillon	200.00	0010	9.2
	325.00	0120	1.4		550.00	0010	9.2		575.00	0010	3.7		300.00	0980	26.6
	325.00	0460	15.0		600.00	0160	2.9		575.00	0017	1.5		375.00	2053	4.8
	335.00	0010	.3		600.00	0185	.1		575.00	1930	1.2		425.00	0010	.7
	350.00	1100	.4		600.00	1990	2.0		575.00	2320	.8		425.00	2610	9.0
	350.00	1130	1.0		600.00	4540	2.1		575.00	2440	4.4		425.00	2635	6.1
	362.50	0010	1.1		650.00	0167	.6		575.00	2555	.5		450.00	0010	5.5
	375.00	0010	.4		655.00	7400	2.8		575.00	2590	.7		450.00	0140	2.2
	375.00	0955	2.0		675.00	0010	.4		575.00	2668	.5		500.00	0010	7.3
	375.00	1000	22.4		700.00	0010	1.6		575.00	3490	1.6		550.00	0010	3.4
	380.00	0010	.1		743.75	2680	.9		575.00	4410	6.1		632.14	0155	25.2
	395.18	0115	1.4		750.00	0010	.5		600.00	0010	3.4				
	400.00	0010	2.2		800.00	2680	1.3		600.00	0165	.6	Sylvaner	225.00	0175	29.2
	400.00	2053	26.6		892.50	0010	.2		600.00	0215	.4		325.00	2440	13.3
	400.00	2140	3.7		973.00	0010	3.6		625.00	0010	.4		375.00	2635	6.6
	400.00	2320	1.8						625.00	2360	1.6		450.00	0132	50.9
	413.00	0010	.3	Gray Riesling	300.00	0980	20.5		625.00	2658	.5				
	450.00	0010	.6		375.00	2610	6.0		630.00	0010	.2	White Riesling	400.00	0010	9.5
	450.00	2640	3.6		400.00	0010	72.9		632.50	4410	.6		425.00	2053	7.4
	475.00	1990	3.8		400.00	0125	.6		632.50	4600	3.2		450.00	0010	1.5
	485.00	0460	5.7						650.00	0010	1.4		450.00	0100	40.5
	500.00	1180	1.8	Green Hungarian	250.00	0980	7.5		650.00	0195	.2		450.00	0120	1.2
	550.00	0120	.5		300.00	0010	83.9		650.00	0215	.7		450.00	2140	4.8
					325.00	1065	8.6		669.93	0150	3.3		450.00	2330	.2

(Continued)

Table 8. Base price paid to growers for grapes crushed, delivered California wineries, with Brix factors & percent, by type, by variety, & reporting district where grown, 1983 season (Cont'd)

DISTRICT 3 (Cont'd)

Variety	Base Price	Brix Factors	Percent of Variety
	Dollars Per Ton	Code a/	Percent
White Riesling (Cont'd)	450.00	2440	.6
	450.00	2555	.3
	450.00	4562	.4
	493.29	0150	1.0
	500.00	0010	2.3
	500.00	0140	b/
	550.00	0167	4.3
	550.00	1990	2.4
	575.00	0010	2.7
	600.00	0010	2.4
	600.00	3455	.5
	613.00	0010	3.8
	625.00	0010	4.2
	700.00	0010	1.6
	812.50	0010	6.1
	1,080.00	0010	.3
	1,096.20	0010	.4
	1,200.00	0010	1.4
	1,761.50	0010	.2
WINE GRAPES (Black)			
Alicante Bouschet	250.00	0980	69.0
	250.00	4978	29.7
	260.00	4540	1.3
Barbera	300.00	4978	2.6
	375.00	4315	8.0
	375.00	4695	87.3
	600.00	0010	2.1
Cabernet Sauvignon	150.00	0010	b/
	260.00	4978	1.2
	320.00	0010	.1
	350.00	3984	6.0
	375.00	0010	.6
	400.00	0010	.2
	400.00	4540	.4
	450.00	0010	6.7
	450.00	0155	b/
	450.00	4200	14.9
	450.00	4315	4.7
	450.00	4978	23.9
	475.00	0010	1.4
	475.00	4660	.2
	475.00	4700	2.7
	500.00	0010	2.2
	500.00	0150	3.1
	500.00	0235	.1
	500.00	4890	.3
	500.00	4905	1.7
	500.00	5590	1.4
	515.29	0010	.4
	525.00	0010	.3
	525.00	4410	.2
	550.00	0010	2.0
	550.00	3910	.3
	550.00	4265	1.4
Cabernet Sauvignon (Cont'd)	550.00	4540	.3
	550.00	4541	.2
	550.00	4550	b/
	550.00	4890	1.1
	550.00	5300	.2
	550.00	7725	.2
	570.00	0010	1.2
	585.00	0010	.3
	599.49	0155	6.6
	600.00	0010	.7
	600.00	0235	1.1
	650.00	0010	.9
	650.00	0035	b/
	650.00	0215	.2
	660.00	4850	.2
	671.00	0010	.6
	687.50	0010	1.4
	697.50	0010	.2
	700.00	0010	1.0
	700.00	0195	.2
	720.00	0235	.4
	750.00	0010	.1
	750.00	0235	.1
	775.00	0010	.1
	800.00	0010	.6
	800.00	0235	.7
	833.00	0010	b/
	850.00	0010	1.2
	850.00	2320	.8
	850.00	4740	.1
	875.00	0010	1.1
	900.00	0010	.2
	950.00	0235	.9
	1,000.00	0010	.3
	1,000.00	0235	.3
	1,025.00	5170	.1
Carignane	145.00	4978	.5
	200.00	4140	.7
	200.00	4540	15.3
	250.00	4664	.6
	260.00	4900	5.0
	260.00	4978	71.1
	275.00	4185	2.9
	275.00	4410	.5
	275.00	4606	.8
	275.00	4905	1.9
	275.00	6227	.3
	300.00	0010	.3
	400.00	0010	.1
Early Burgundy	200.00	4540	14.6
	275.00	0010	1.8
	275.00	4900	3.8
	275.00	4978	28.6
	300.00	4690	44.9
	325.00	4190	6.3
Gamay (Napa)	300.00	2440	8.2
	300.00	3935	14.2
	350.00	2235	9.3
	350.00	3935	34.7
	375.00	0010	1.0
	375.00	3892	.3
	385.00	4195	2.0
	400.00	3090	11.9
	402.00	0010	3.6
	450.00	0010	14.6
	500.00	0010	.2
Gamay Beaujolais	300.00	0745	53.8
	325.00	4190	33.7
	350.00	4140	.7
	382.50	3893	4.2
	450.00	4410	7.6
Grenache	250.00	4690	12.1
	250.00	4978	87.9
Merlot	300.00	3984	7.5
	350.00	0010	2.1
	375.00	4978	29.9
	400.00	0010	15.9
	450.00	3790	.1
	463.83	0010	.4
	470.00	0155	.1
	475.00	4410	.9
	500.00	0010	2.8
	540.00	0235	.6
	550.00	0010	8.9
	550.00	0035	.1
	550.00	0042	.2
	550.00	0200	1.2
	550.00	4264	3.8
	550.00	4410	2.3
	550.00	4540	.4
	600.00	0010	7.9
	602.25	0010	.3
	650.00	0010	3.3
	650.00	0235	9.0
	750.00	0010	1.3
	800.00	0010	b/
	850.00	0010	.8
	1,000.00	0010	.2
Petite Sirah	200.00	4140	.2
	350.00	4178	2.6
	350.00	4900	8.0
	350.00	4925	1.1
	375.00	0010	.9
	375.00	4410	1.4
	375.00	4540	.9
	375.00	4695	32.7
	375.00	4978	40.0
	385.00	4195	8.3
	400.00	4905	1.6
	450.00	0010	.2
Petite Sirah (Cont'd)	450.00	0200	.1
	450.00	5570	.3
	510.00	0010	1.7
Pinot Noir	275.00	0010	1.0
	300.00	0460	5.7
	300.00	0745	.8
	300.00	3935	17.1
	325.00	4140	.1
	325.00	4190	7.9
	335.00	5175	.2
	350.00	0010	b/
	350.00	0460	.8
	350.00	2062	8.2
	350.00	4133	1.0
	350.00	4140	9.4
	350.00	4660	2.6
	350.00	4695	2.3
	375.00	0320	1.8
	400.00	0010	.1
	400.00	4905	.7
	425.00	0010	1.1
	425.00	0230	1.0
	425.00	3495	b/
	425.00	3893	.1
	425.00	4410	.2
	425.00	4540	.2
	425.00	4550	.9
	425.00	4590	.1
	450.00	0010	1.0
	450.00	0460	7.1
	460.00	0010	.5
	467.50	0010	.8
	500.00	0010	.4
	533.48	0155	.5
	550.00	0010	10.9
	550.00	4573	.2
	570.00	0010	2.0
	582.66	5115	.1
	600.00	0010	.7
	645.65	0010	.2
	650.00	0010	.7
	650.00	0213	.2
	671.00	0010	.2
	700.00	0010	b/
	800.00	0010	.1
	810.11	0010	6.9
	850.00	0010	3.5
	950.00	0235	.4
	1,000.00	0010	.3
	1,175.00	0010	b/
Pinot St. George	250.00	4690	52.0
	300.00	4978	9.0
	450.00	0010	39.0
Refosco/Mondeuse	200.00	4540	4.1
	200.00	4690	82.0
	275.00	4900	4.8
	275.00	4978	9.1

(Continued)

Table 8. Base price paid to growers for grapes crushed, delivered California wineries, with Brix factors & percent, by type, by variety, & reporting district where grown, 1983 season (Cont'd)

Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety
	Dollars Per Ton	Code a/	Percent		Dollars Per Ton	Code a/	Percent		Dollars Per Ton	Code a/	Percent		Dollars Per Ton	Code a/	Percent
							DISTRICT 3 (Cont'd)								
Ruby Cabernet	250.00	0140	23.6	Zinfandel (Cont'd)	400.00	4695	3.4	Zinfandel (Cont'd)	450.00	4205	14.9	Zinfandel (Cont'd)	550.00	0010	1.5
	250.00	4978	67.9		400.00	4900	5.4		450.00	4265	1.0		550.00	0030	.3
	300.00	0010	8.5		400.00	4930	.2		450.00	4410	.4		550.00	0195	.1
					400.00	4958	1.1		450.00	4540	b/		600.00	0010	.6
Zinfandel	145.00	4978	.2		400.00	4978	36.6		450.00	4550	2.5		600.00	0200	b/
	260.00	4978	4.2		414.04	0155	.3		450.00	4905	3.2		600.00	0235	b/
	300.00	0010	.1		425.00	0010	.3		450.00	5300	.6		600.00	0285	b/
	375.00	0010	.5		425.00	4140	2.6		450.00	5570	b/		600.00	4540	.1
	375.00	4540	7.6		437.79	0010	1.4		475.00	0010	.5		675.00	0010	.2
	400.00	0010	1.1		450.00	0010	1.2		485.00	0010	.1		700.00	0010	.3
	400.00	2320	b/		450.00	0217	.3		495.00	5235	.2		750.00	0155	.7
	400.00	4410	.4		450.00	0235	.9		500.00	0010	1.2		800.00	0010	.2
	400.00	4660	1.8		450.00	4140	1.7		540.00	0010	.1				
							DISTRICT 4								
	WINE GRAPES (White)			Chardonnay (Cont'd)	1,148.16	4520	.3	Chardonnay (Cont'd)	1,475.00	0200	.8	Chenin Blanc (Cont'd)	440.00	1015	.6
					1,150.00	0010	.3		1,485.00	0010	.1		440.00	1020	2.1
Burger	225.00	0980	70.4		1,150.00	3950	.5		1,487.78	0010	.4		440.00	3140	1.8
	275.00	0010	8.9		1,150.00	5195	.9		1,489.21	0010	1.6		450.00	0010	.8
	275.00	0723	20.7		1,192.00	0010	.1		1,490.00	0010	.1		450.00	1883	9.2
					1,200.00	0010	2.4		1,493.41	0010	.2		450.00	3080	2.7
Chardonnay	450.00	0010	b/		1,200.00	0235	.1		1,495.00	0010	.2		471.00	0010	.1
	450.00	4735	1.9		1,200.00	0245	.1		1,500.00	0010	1.8		475.00	0010	b/
	475.00	0110	.1		1,200.00	0265	.1		1,500.00	0042	.2		475.00	0115	.1
	569.50	0010	.1		1,200.00	4170	.2		1,500.00	0185	.1		475.00	1125	.5
	600.00	0010	.1		1,200.00	4520	.7		1,500.00	0217	.3		475.00	1180	.4
	650.00	0010	.2		1,200.00	6080	.3		1,500.00	6080	.3		500.00	0010	.1
	700.00	0010	.5		1,202.30	0010	.6		1,506.00	0225	.9		500.00	1180	5.6
	720.00	0010	.3		1,211.25	1040	1.0		1,512.50	4540	.1		506.00	0010	.7
	750.00	0010	.7		1,225.00	0010	.6		1,525.75	0010	.3		525.00	1180	2.0
	750.00	2440	.1		1,235.00	0010	3.7		1,550.00	0217	.9		600.00	0010	1.8
	750.00	4600	b/		1,240.00	0010	.9		1,578.26	0010	.2		625.00	0135	.1
	750.00	5595	.4		1,250.00	0010	1.3		1,650.00	0010	.1		650.00	0010	.6
	800.00	0010	.5		1,275.00	0010	.3		1,800.00	0010	1.1		650.00	0020	.4
	800.00	4715	.6		1,275.00	0235	.3		1,800.00	0047	.4		693.80	0097	1.2
	850.00	0010	.2		1,280.00	5085	.2		1,875.00	0010	b/		700.00	0010	2.3
	900.00	0010	1.7		1,291.82	0310	.7		1,900.00	0010	.8		750.00	0010	.3
	950.00	0010	1.1		1,295.00	0010	.1		2,000.00	0217	.6				
	1,000.00	0010	5.0		1,300.00	0010	2.8		2,300.00	0010	.9	Flora	225.00	1130	12.1
	1,000.00	0235	.7		1,300.00	0025	.1		2,300.00	0245	.1		325.00	3853	12.7
	1,000.00	2440	.4		1,300.00	0042	b/		2,304.00	0010	.7		400.00	0010	2.6
	1,000.00	3950	15.3		1,300.00	6080	.1						901.45	0010	72.6
	1,000.00	4235	.2		1,325.00	0170	.3	Chenin Blanc	225.00	0010	.8				
	1,000.00	4915	1.9		1,350.00	0010	1.2		300.00	0010	.2	French Colombard	160.10	0010	2.4
	1,000.00	6080	b/		1,350.00	0235	.2		350.00	0010	4.3		250.00	0010	10.4
	1,000.00	7570	.1		1,350.00	4878	2.0		350.00	0715	.1		300.00	0980	9.1
	1,025.00	0010	.1		1,351.48	0010	3.1		350.00	1130	32.0		300.00	1130	22.6
	1,034.41	4520	.3		1,355.00	0010	.8		362.83	1023	.4		312.58	0115	5.3
	1,036.20	6000	.7		1,355.39	0010	.2		375.00	0010	.1		325.00	0010	.3
	1,050.00	0010	.1		1,364.56	0010	.7		395.18	0115	19.6		325.00	1125	14.6
	1,071.41	0150	10.8		1,392.14	0010	.6		400.00	0010	3.7		350.00	0010	3.9
	1,075.00	0010	.7		1,400.00	0010	.2		400.00	1875	.4		350.00	1180	3.0
	1,100.00	0010	1.5		1,400.00	6080	1.0		400.00	2140	3.3		375.00	1180	.7
	1,100.00	0235	.5		1,450.00	0010	.2		430.00	0010	.1		384.36	1155	1.6
	1,136.17	0010	4.2		1,462.34	0010	6.6		440.00	0735	1.6		386.84	1155	1.4

(Continued)

Table 8. Base price paid to growers for grapes crushed, delivered California wineries, with Brix factors & percent, by type, by variety, & reporting district where grown, 1983 season (Cont'd

Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety
	Dollars Per Ton	Code a/	Percent		Dollars Per Ton	Code a/	Percent		Dollars Per Ton	Code a/	Percent		Dollars Per Ton	Code a/	Percent
							DISTRICT 4 (Cont'd)								
French Colombard (Cont'd)	400.00	1155	10.1	Sauvignon Blanc (Cont'd)	607.50	3475	30.3	Semillon (Cont'd)	681.00	0137	3.3	Cabernet Franc (Cont'd)	1,100.00	0010	1.2
	475.00	0200	1.3		625.00	3140	5.7		700.00	0010	1.3		1,100.00	0225	.3
	485.00	0010	3.7		625.00	3165	.7		750.00	0010	5.8		1,145.75	0010	14.4
	545.00	0010	8.7		646.30	3140	.3		750.00	0225	.9		1,150.00	0010	2.7
	600.00	0010	.9		650.00	0010	.3		750.00	3085	8.3		1,200.00	0010	1.2
					650.00	0185	.1		800.00	0010	4.6		1,200.00	0150	.6
Gewurztraminer	150.00	0010	1.3		650.00	2440	.1		813.07	0010	8.8		1,250.00	0010	4.1
	200.00	0010	1.4		650.00	5590	.2		825.00	0010	2.7				
	200.35	0010	9.7		660.00	0010	.1		850.00	0010	2.9	Cabernet Sauvignon	200.00	1730	.5
	225.00	1130	1.4		669.93	0150	5.6		850.00	0030	1.4		300.00	0010	1.8
	300.00	1130	7.1		698.45	2220	.3		940.00	0010	3.0		350.00	0010	.3
	400.00	0010	3.7		700.00	0010	2.2		960.00	0010	22.5		400.00	0010	.1
	407.97	0010	2.9		750.00	0010	.5						400.00	4820	8.2
	409.15	3140	3.3		750.00	0030	.3	Sylvaner	225.00	0980	45.2		415.00	0010	.2
	425.00	0010	.9		750.00	2658	1.2		250.00	0715	32.3		425.00	0010	b/
	450.00	0010	.3		775.00	0010	1.0		425.00	1020	22.5		450.00	0010	b/
	450.00	3085	34.5		800.00	0010	3.3						450.00	4905	.4
	450.00	3140	3.3		800.00	0168	.5	White Riesling	300.00	1130	11.4		500.00	0010	1.4
	500.00	0010	1.0		800.00	0185	.1		400.00	0010	.4		550.00	0010	1.0
	500.00	0984	9.0		800.00	3455	.2		425.00	0010	5.9		564.00	0010	.1
	512.07	0145	6.0		800.00	3925	2.8		441.37	0010	6.5		599.49	0155	8.2
	600.00	0010	7.2		805.39	0310	.2		450.00	0010	5.1		600.00	0010	.6
	740.00	0010	7.0		810.00	4240	.8		450.00	0984	18.1		600.00	3895	.9
					816.42	0010	.7		450.00	1730	.9		600.00	4520	12.2
Gray Riesling	300.00	0010	4.1		820.00	0030	.6		475.00	1890	6.6		600.00	4715	4.2
	300.00	1130	45.6		825.00	2960	.1		490.79	0737	.3		650.00	4510	.4
	300.00	3080	10.0		840.00	0010	.4		493.29	0150	6.7		675.00	3963	1.4
	338.72	0115	29.5		842.00	0010	.5		500.00	0010	.4		680.00	0010	.6
	400.00	3750	10.8		845.00	0010	.4		500.00	1888	.6		700.00	0010	1.0
					850.00	0010	3.6		500.00	3085	7.6		707.66	2215	1.4
Green Hungarian	225.00	0980	7.5		850.00	0185	.7		525.00	1885	11.6		720.00	0010	.2
	300.00	0010	19.2		900.00	0010	.5		550.00	0010	1.0		738.00	1884	13.0
	399.00	0607	17.3		900.00	0185	.5		600.00	0010	2.3		747.50	5085	.1
	430.00	0557	56.0		900.00	3455	1.3		605.00	0010	4.0		750.00	0010	.8
					907.51	3140	.6		650.00	0010	4.8		750.00	0235	.7
Muscat Blanc	400.00	7465	15.9		925.00	0010	.6		700.00	0010	1.7		781.60	0010	.4
	500.00	4520	31.2		941.25	0010	1.2		700.00	0165	.7		800.00	0010	2.8
	550.00	3010	11.2		950.00	0010	.9		700.00	0221	.7		800.00	0200	.1
	660.00	1883	41.7		951.00	0010	.8		750.00	0010	1.1		800.00	0250	.1
					960.00	0010	2.0		1,000.00	0010	.9		800.00	4497	1.6
Palomino	200.00	1130	80.7		980.00	0010	.5		1,026.58	0010	.4		800.00	4915	4.0
	375.00	0010	19.3		980.00	3140	1.4		1,527.23	0010	.3		800.00	5195	.4
					1,000.00	0010	.5						800.00	6080	.4
Pinot Blanc	500.00	0010	4.9		1,050.00	0010	.2						810.00	0223	.7
	625.00	0010	8.6		1,075.00	0010	.4						825.00	0010	.5
	967.06	0010	78.3		1,150.00	0010	1.3						825.00	0030	.4
	1,000.00	0010	6.2		1,254.57	0010	1.0						827.00	0010	.3
	1,100.00	0010	2.0		1,331.43	0010	.5						836.00	0010	b/
					1,402.60	0010	.8						840.00	0010	b/
Sauvignon Blanc	200.00	3840	1.1		1,845.85	0010	.1						850.00	0010	2.6
	325.00	2053	.8										850.00	0043	.1
	350.00	2825	3.7	Sauvignon Vert	200.00	1130	21.5						850.00	0230	.2
	450.00	0010	.3		225.00	0940	5.5						850.00	0250	.2
	485.00	0010	b/		225.00	0980	73.0						890.00	0010	.1
	500.00	3455	.9										893.22	4878	.7
	550.00	0010	1.3	Semillon	500.00	0010	7.5						900.00	0010	3.7
	600.00	0010	1.9		607.50	3475	8.9						900.00	0230	.1
	600.00	0235	.2		632.14	0155	15.4						900.00	0235	.4
	607.50	1200	10.9		650.00	0010	2.7								

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Table 8. Base price paid to growers for grapes crushed, delivered California wineries, with Brix factors & percent, by type, by variety, & reporting district where grown, 1983 season (Cont'd)

DISTRICT 4 (Cont'd)

Variety	Base Price	Brix Factors	Percent of Variety
	Dollars Per Ton	Code a/	Percent
Cabernet Sauvignon (Cont'd)	900.00	0258	.1
	900.00	6080	.1
	906.06	0010	.4
	909.28	0010	.4
	909.62	0010	.9
	909.81	0010	.3
	910.32	0010	.3
	912.04	0010	.5
	913.00	0010	1.1
	915.00	0010	.2
	925.00	0010	.6
	936.00	0010	.6
	950.00	0010	.2
	950.00	0225	.4
	975.00	0010	.8
	980.00	0010	.5
	1,000.00	0010	1.9
	1,000.00	0150	.3
	1,003.20	0010	1.3
	1,009.00	0010	b/
	1,016.00	0010	.2
	1,050.00	0010	.9
	1,066.00	0010	.3
	1,100.00	0010	2.0
	1,107.00	5195	.3
	1,114.80	0010	.2
	1,150.00	0010	1.0
	1,172.73	0010	.2
	1,200.00	0010	.4
	1,200.00	0150	.8
	1,200.00	6080	.5
	1,250.00	0010	.3
	1,250.00	0235	b/
	1,280.00	0010	1.0
	1,334.00	0010	.5
	1,350.00	0010	.1
	1,400.00	0010	.1
	1,700.00	0010	.2
	2,000.00	0217	.6
Carignane	200.00	4820	11.4
	200.00	4900	62.6
	240.00	0010	25.6
	750.00	0150	.4
Charbono	340.79	0010	27.5
	500.00	3930	45.2
	600.00	0010	7.9
	600.00	2225	19.4
Early Burgundy	200.00	4820	31.5
	200.00	4900	68.5
Gamay (Napa)	200.00	1730	1.8
	225.00	0440	1.0
	254.25	0010	3.7
	300.00	0110	.3
	300.00	0135	7.9
	300.00	0715	2.3
	300.00	2825	22.0
	300.00	3085	13.2
	326.79	0155	7.4
	350.00	2657	13.0
	350.00	3795	1.2
	375.00	0010	2.8
	375.00	1035	4.0
	375.00	2440	.4
	375.00	2653	8.1
	385.00	4195	3.5
	400.00	0010	1.2
	421.07	0010	.9
	425.00	2440	.9
	435.61	2440	2.9
	450.00	0010	1.0
	495.00	0010	.5
Gamay Beaujolais	300.00	2825	31.8
	450.00	0010	24.0
	500.00	4520	3.1
	530.00	4520	25.1
	717.22	0737	16.0
Grenache	150.00	0715	100.0
Merlot	200.00	3840	4.3
	350.00	4820	4.2
	450.00	0200	.3
	500.00	0010	3.0
	600.00	3895	1.3
	600.00	4520	1.2
	600.00	4715	1.6
	700.00	0010	5.2
	700.00	4900	2.1
	727.00	0010	3.1
	738.00	1884	17.8
	750.00	0010	2.1
	750.00	0235	.8
	771.01	2215	3.6
	775.00	0223	2.6
	800.00	0010	5.6
	800.68	0010	3.1
	845.00	0010	.5
	850.00	0010	.2
	872.66	0010	.4
	885.34	0010	20.6
	893.22	4878	.1
Merlot (Cont'd)	900.00	0010	.7
	905.00	0213	1.1
	915.55	0010	1.1
	925.00	0010	.6
	931.57	0010	1.7
	1,000.00	0010	3.1
	1,003.20	0010	1.1
	1,050.00	0010	.9
	1,100.00	0010	1.4
	1,150.00	0010	1.9
	1,175.00	0225	.5
	1,200.00	0010	1.1
	1,200.00	0150	.6
	1,400.00	0010	.5
	1,400.00	0150	b/
Petite Sirah	325.00	4820	11.0
	375.00	0010	1.2
	425.00	0010	2.2
	425.00	4900	33.0
	448.74	4515	1.1
	450.00	0010	.3
	500.00	0010	18.1
	508.40	0010	6.3
	539.48	0010	10.6
	575.00	0010	2.4
	600.00	0010	6.3
	700.00	0150	6.8
	750.00	0150	.7
Pinot Noir	300.00	2825	4.4
	350.00	0288	.1
	400.00	0010	.2
	450.00	0010	.4
	450.00	0267	b/
	500.00	0010	.7
	500.00	4715	.5
	533.48	0155	2.4
	550.00	0010	4.0
	560.00	0010	.1
	575.00	0235	.1
	600.00	0010	.2
	600.00	0235	.3
	600.00	4915	2.3
	625.00	0010	4.4
	637.50	5290	8.3
	650.00	0010	.5
	650.00	0093	.6
	675.00	0010	.6
	700.00	0010	3.0
	710.00	0010	.9
	710.11	0010	29.3
Pinot Noir (Cont'd)	725.00	0010	.2
	747.57	0010	12.2
	750.00	0010	.4
	770.56	0010	.8
	780.00	0010	.1
	796.88	5290	1.9
	800.00	0010	.4
	810.11	0010	9.8
	874.08	0010	6.3
	900.00	0010	.1
	950.00	0010	.7
	1,000.00	0010	.3
	1,100.00	0010	.2
	1,115.63	0010	.1
	1,150.00	0010	.4
	1,200.00	0010	1.2
	1,300.00	0010	b/
	1,400.00	0010	1.4
	1,400.00	0245	.2
Zinfandel	200.00	1730	8.0
	225.00	0010	.2
	225.00	0565	.6
	250.00	0010	1.9
	300.00	0010	.7
	340.00	0010	.6
	350.00	0385	5.4
	375.00	2825	18.9
	400.00	0010	1.8
	414.04	0155	11.9
	443.77	1890	3.8
	443.77	3965	1.3
	450.00	0010	2.0
	450.00	0155	.9
	450.00	4205	3.4
	450.00	4265	.2
	475.00	0010	.6
	500.00	0010	8.8
	500.00	4915	10.2
	500.00	5293	3.2
	550.00	0010	1.4
	550.00	0035	.2
	555.27	0010	1.8
	600.00	0010	2.8
	600.00	0195	.3
	625.00	0010	.6
	650.00	0010	1.8
	650.00	0150	.7
	700.00	0010	.7
	740.00	0195	.7
	750.00	0010	1.7
	750.00	0150	2.9

(Continued)

Table 8. Base price paid to growers for grapes crushed, delivered California wineries, with Brix factors & percent, by type, by variety, & reporting district where gorwn, 1983 season (Cont'd)

Variety	Base Price	Brix Factors	Percent of Variety
	Dollars Per Ton	Code a/	Percent
DISTRICT 5			
WINE GRAPES (White)			
Chardonnay	425.00	0042	71.4
	500.00	0010	28.6
Chenin Blanc	100.00	0010	31.8
	225.00	2053	37.4
	250.00	0010	30.8
Flora	100.00	0010	100.0
French Colombard	100.00	0010	52.1
	200.00	0010	.4
	225.00	2053	21.8
	325.00	0010	25.7
Green Hungarian	300.00	0010	100.0
Sauvignon Blanc	300.00	0010	2.6
	325.00	2053	60.8
	350.00	0010	11.2
	400.00	0010	15.9
	500.00	0042	9.5
WINE GRAPES (Black)			
Cabernet Sauvignon	275.00	0010	5.1
	325.00	4315	94.9
Early Burgundy	200.00	0010	100.0
Gamay (Napa)	82.00	0010	4.6
	200.00	0010	4.8
Gamay (Napa) (Cont'd)	240.00	0010	.1
	275.00	2235	90.5
Petite Sirah	250.00	0010	9.0
	300.00	4900	91.0
Pinot Noir	225.00	4140	100.0
Zinfandel	175.00	0047	13.8
	275.00	4140	77.8
	350.00	0010	8.4
DISTRICT 6			
WINE GRAPES (White)			
Chardonnay	700.00	0010	29.2
	750.00	0010	9.4
	770.00	0010	.6
	961.50	0010	27.1
	1,000.00	0010	9.3
	1,000.00	0235	5.7
	1,036.00	0010	17.4
	1,200.00	0185	.3
	2,300.00	0010	1.0
Chenin Blanc	475.00	0010	58.6
	533.99	0948	41.4
Emerald Riesling	456.40	0310	100.0
French Colombard	287.00	0010	49.6
	300.00	0010	26.5
	366.26	0310	20.3
	400.00	0010	3.6
Gray Riesling	425.00	0010	100.0
Green Hungarian	375.00	0010	100.0
Malvasia Bianca	235.00	0010	100.0
Palomino	120.00	0010	9.8
	175.00	0010	84.5
	200.00	0010	5.7
Pinot Blanc	550.00	0010	61.0
	661.00	0010	39.0
Sauvignon Vert	120.00	0010	18.2
	160.00	0010	7.1
	375.00	0010	74.7
Semillon	300.00	0010	10.2
	443.00	0010	50.8
	450.00	0010	11.0
	500.00	0010	12.2
	550.00	0137	6.6
	650.00	0010	5.9
	750.00	0010	1.9
	800.00	0010	1.4
Sylvaner	400.00	0010	100.0
White Riesling	405.00	0150	15.1
	425.00	0010	6.7
	471.00	0010	77.9
	600.00	0010	.3
WINE GRAPES (Black)			
Alicante Bouschet	100.00	0010	55.6
	250.00	0010	44.4
Cabernet Sauvignon	300.00	0010	.2
	425.00	0010	2.1
	600.00	0010	4.6
	747.00	0010	29.9
	750.00	0010	4.1
	750.00	0235	4.5
	800.00	0010	.5
	850.00	0185	.3
	900.00	0010	1.4
	960.00	0010	3.9
	960.00	0150	4.6
	968.00	0042	19.7
	1,200.00	0150	24.2
Carignane	100.00	0010	29.3
	150.00	0010	10.2
	200.00	0010	20.7
	225.00	0010	24.3
	300.00	0010	15.5
Gamay Beaujolais	365.00	0010	21.7
	554.00	0010	78.3
Grignolino	100.00	0010	100.0
Mataro	100.00	0010	70.3
	250.00	0010	29.7
Petite Sirah	225.00	0010	43.9
	300.00	0010	37.0
	365.00	0010	11.9
	550.00	0150	7.2
Pinot Noir	387.52	0310	91.3
	425.00	0010	6.8
	500.00	0010	1.9
Ruby Cabernet	230.57	0944	100.0
Salvador	100.00	0010	100.0
Zinfandel	225.00	0010	2.2
	250.00	0010	5.8
	300.00	0010	.9
	400.00	0010	11.9
	400.00	4140	78.2
	450.00	0185	.1
	750.00	0150	.9
DISTRICT 7			
WINE GRAPES (White)			
Chardonnay	4.00 c/	0300	4.9
	155.00	0010	1.4
	425.00	0010	1.0
	545.00	0460	.8
	600.00	0010	5.6
	600.00	0053	1.5
Chardonnay (Cont'd)	650.00	0010	13.1
	657.01	2515	3.6
	660.00	0010	b/
	678.88	4550	5.0
	680.00	0010	3.0
	687.30	1920	7.3
	700.00	0010	4.7
	700.00	1856	9.9
Chardonnay (Cont'd)	725.00	0010	1.9
	750.00	0010	.2
	762.39	0057	1.7
	762.39	0310	13.8
	762.39	4385	4.0
	762.39	4550	7.4
	780.00	0010	.4
	784.00	0038	.8
Chardonnay (Cont'd)	800.00	0010	.4
	800.00	0042	.2
	805.00	0010	.5
	850.00	0010	.9
	850.00	0235	.2
	925.00	0010	.6
	950.00	0010	.6
	1,000.00	0010	.1

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Table 8. Base price paid to growers for grapes crushed, delivered California wineries, with Brix factors & percent, by type, by variety, & reporting district where grown, 1983 season (Cont'd)

DISTRICT 7 (Cont'd)

Variety	Base Price	Brix Factors	Percent of Variety
	Dollars Per Ton	Code a/	Percent
Chardonnay (Cont'd)	1,100.00	2320	.1
	1,100.00	2540	.7
	1,150.00	1700	.4
	1,200.00	0010	.4
	1,200.00	2320	b/
	1,200.00	2540	.1
	1,200.00	2555	.3
	1,200.00	2845	.4
	1,258.58	0010	1.9
	1,350.00	2960	b/
	1,690.00	0010	.2
	2,270.00	0010	b/
Chenin Blanc	4.00 c/	0300	7.1
	155.00	0010	11.4
	341.92	2358	2.0
	341.92	2360	1.2
	375.00	0984	44.5
	400.00	0010	1.0
	400.00	0775	3.9
	400.00	1112	.1
	440.00	0010	2.8
	475.00	0010	2.1
	487.05	1087	.1
	500.80	0310	13.8
	500.80	1995	1.3
	500.80	2380	8.3
	525.00	0010	.4
	611.00	0010	b/
Emerald Riesling	4.00 c/	0300	88.9
	155.00	0010	11.1
French Colombard	4.00 c/	0300	24.6
	150.00	0010	.2
	155.00	0010	8.4
	232.30	2380	7.3
	300.00	0010	2.1
	300.00	0470	13.0
	325.00	0010	2.9
	361.21	0310	18.0
	361.21	2380	23.5
Gewurztraminer	450.00	0775	9.4
	500.00	0984	44.5
	512.91	0010	1.5
	521.20	2360	5.5
	521.20	2380	2.4
	622.61	0020	16.0
	622.61	0310	20.7
Gray Riesling	225.00	0010	5.4
	225.00	0984	9.7
	300.00	0984	46.9
	425.00	0010	7.6
Gray Riesling (Cont'd)	460.56	0010	1.2
	466.81	0010	29.2
Malvasia Bianca	200.00	0200	1.0
	425.00	0984	99.0
Muscat Blanc	320.00	0984	95.2
	525.00	0010	4.0
	575.00	0010	.8
Pinot Blanc	225.00	0010	5.8
	375.00	0984	34.1
	472.60	4550	9.1
	549.83	0010	5.0
	549.83	2380	11.7
	550.00	0010	8.2
	550.00	0775	22.8
	600.00	0010	3.1
	660.00	0010	.1
	700.00	0010	.1
Sauvignon Blanc	350.00	0010	.5
	475.00	0010	4.2
	500.00	0984	62.2
	575.00	0010	.2
	596.31	0010	1.1
	596.31	0310	20.0
	596.31	4490	11.7
	600.00	0010	b/
	675.00	0010	.1
Semillon	275.00	0010	1.2
	300.00	0984	98.8
Sylvaner	4.00 c/	0300	24.5
	155.00	0010	27.6
	400.00	0775	10.2
	422.38	0310	4.9
	422.38	2380	32.8
White Riesling	4.00 c/	0300	.2
	125.00	0010	1.5
	155.00	0010	.8
	200.00	0010	2.0
	262.50	0010	.1
	425.00	0775	3.6
	450.00	0984	39.0
	482.33	2360	2.8
	482.33	2380	2.6
	524.48	0010	.3
	525.00	0010	10.9
	550.00	2520	.1
	567.53	0010	12.8
	567.53	0310	8.3
	567.53	2380	12.5
White Riesling (Cont'd)	575.00	0010	.4
	585.00	0010	.7
	600.00	0010	1.1
	650.00	2320	.3

WINE GRAPES (Black)

Cabernet Franc	210.00	0310	99.1
	450.00	0010	.9
Cabernet Sauvignon	4.00 c/	0300	2.5
	73.41	0010	.1
	100.00	0010	1.3
	135.00	4477	6.0
	150.00	0010	.2
	200.00	3895	2.2
	225.00	4904	11.3
	280.00	0010	b/
	300.00	0010	.2
	307.23	4177	15.0
	337.50	0310	5.3
	337.50	4904	30.8
	340.37	7423	4.1
	350.00	0010	.2
	373.04	7510	7.5
	375.00	0010	3.2
	400.00	0010	2.7
	450.00	0010	.1
	450.00	7535	3.7
	500.00	0010	1.6
	509.00	0042	.4
	550.46	0010	b/
	650.00	0010	.1
	650.00	0235	.2
	800.00	0010	1.3
Carignane	150.00	0010	100.0
Carnelian	303.80	0310	100.0
Centurian	303.80	0310	100.0
Early Burgundy	210.00	0310	17.6
	300.00	0310	82.4
Gamay (Napa)	206.25	0010	16.4
	223.63	0310	7.7
	223.64	4490	11.9
	225.00	0470	19.0
	250.00	0010	9.8
	250.00	0310	35.2
Gamay Beaujolais	4.00 c/	0300	.8
	135.00	0310	41.9
Gamay Beaujolais (Cont'd)	135.00	4477	43.2
	285.00	0010	.7
	300.00	1856	13.4
Grenache	303.80	0010	7.0
	303.80	0310	57.7
	303.80	4490	35.3
Merlot	400.00	0310	94.6
	450.00	0010	1.1
	500.00	0010	4.3
Petite Sirah	186.52	0010	4.2
	200.00	4176	1.0
	225.00	0310	39.3
	225.00	3895	8.0
	225.00	4104	46.8
	425.00	0235	.1
	550.00	4580	.6
Pinot Noir	4.00 c/	0300	.3
	135.00	4477	17.9
	225.00	0460	2.4
	280.86	0310	20.9
	300.00	1856	17.4
	311.84	4550	2.9
	315.90	7423	5.9
	325.00	0010	.8
	347.49	0310	6.1
	350.00	0010	1.6
	358.93	0010	3.9
	365.00	0010	5.2
	375.00	0010	.2
	400.00	0042	.5
	450.00	0010	4.8
	500.00	0010	.3
	500.00	4850	b/
	550.00	0185	.2
	550.00	4580	.3
	575.00	0010	7.8
	625.00	0010	.4
	660.00	0010	.2
Ruby Cabernet	250.00	0310	100.0
Zinfandel	77.39	0010	.5
	80.00	0010	11.5
	200.00	0010	.1
	245.00	4120	1.0
	250.00	3895	4.2
	276.91	0310	53.0
	325.00	0010	.2
	326.11	0310	27.0
	326.11	7505	2.1
	375.00	0150	.4

(Continued)

Table 8. Base price paid to growers for grapes crushed, delivered California wineries, with Brix factors & percent, by type, by variety, & reporting district where grown, 1983 season (Cont'd)

DISTRICT 8

Variety	Base Price	Brix Factors	Percent of Variety
	Dollars Per Ton	Code a/	Percent
	WINE GRAPES (White)		
Chardonnay	225.00	0010	13.6
	400.00	0010	.1
	460.00	0010	.4
	500.00	0010	1.2
	550.00	0010	.3
	600.00	0010	2.3
	625.00	0010	2.7
	635.00	0460	5.3
	650.00	0010	.1
	675.00	0010	.8
	700.00	0010	11.9
	720.00	0010	.1
	725.00	0010	.7
	750.00	0010	7.5
	750.00	0245	1.0
	750.00	4100	.4
	750.00	4540	.3
	750.00	4550	.3
	750.00	4745	.5
	750.00	4790	.1
	762.30	4747	1.0
	775.00	0010	2.1
	800.00	0010	1.4
	800.00	0195	.7
	825.00	0010	3.0
	850.00	0010	2.1
	882.09	4230	4.7
	938.00	0010	1.5
	950.00	0042	.9
	955.00	0460	19.6
	1,000.00	0010	.5
	1,003.00	0010	.2
	1,050.00	0200	.5
	1,100.00	0010	.7
	1,100.00	0195	b/
	1,118.60	0035	1.2
	1,199.00	4557	6.2
	1,200.00	0010	.3
	1,232.25	4540	1.3
	1,239.00	0010	1.6
	1,347.00	4540	.4
	1,347.75	4540	.5
Chenin Blanc	4.00 c/	0300	9.9
	100.00	0010	1.7
	125.00	0010	1.1
	135.00	0010	6.5
	155.00	0010	10.1
	175.00	0010	1.5
	180.00	0010	2.1
	225.00	0943	.6
	300.00	0010	b/
	315.00	0010	1.5
	340.00	0460	8.9
	350.00	0010	.8
	350.00	0460	1.9
Chenin Blanc (Cont'd)	350.00	3982	3.4
	375.00	0983	10.2
	400.00	0010	17.1
	400.00	4490	.3
	412.85	2055	1.5
	450.00	0010	.6
	475.00	0010	.4
	514.61	2380	17.6
	515.00	0010	1.4
	515.00	4557	.9
Emerald Riesling	100.00	0010	28.3
	145.00	0010	44.6
	245.00	0010	27.1
French Colombard	150.00	0010	73.7
	200.00	4120	13.2
	250.00	0725	13.1
Gewurztraminer	100.00	0010	7.2
	500.00	0010	19.6
	500.00	0195	6.0
	500.00	0984	23.5
	500.00	1880	.7
	510.00	0010	3.1
	550.00	0010	4.5
	550.00	2355	.6
	560.00	0010	10.8
	561.22	0010	13.2
	614.65	0010	10.8
Gray Riesling	250.00	0010	100.0
Green Hungarian	300.00	1075	100.0
Muscat Blanc	300.00	0010	12.0
	309.00	0010	5.5
	450.00	0010	67.6
	550.00	0010	.6
	600.00	0010	13.1
	700.00	0010	1.2
Pinot Blanc	598.00	0010	100.0
Sauvignon Blanc	135.00	0010	10.0
	200.00	3840	2.3
	225.00	0010	1.5
	350.00	3984	9.9
	400.00	0010	3.8
	500.00	0010	12.1
	550.00	0010	2.5
	575.00	0010	3.5
	575.00	0150	.8
	575.00	0235	1.0
	575.00	1912	1.2
	600.00	0010	1.4
	600.00	0150	1.3
	603.00	0010	2.5
Sauvignon Blanc (Cont'd)	650.00	0010	3.7
	671.13	0010	3.6
	675.00	0010	1.5
	700.00	0010	5.4
	711.15	4550	6.4
	715.00	0010	9.2
	735.00	0035	2.3
	750.00	0010	1.2
	791.14	0035	3.8
	800.00	0010	.6
	850.00	0010	.3
	850.00	4540	.4
	1,350.00	0010	7.8
Semillon	100.00	0010	52.5
	125.00	0010	27.6
	400.00	0010	6.5
	400.00	0150	1.8
	425.00	0010	9.3
	500.00	0010	2.3
Sylvaner	200.00	0010	87.5
	250.00	0010	12.5
White Riesling	175.00	0010	.8
	200.00	0010	15.2
	300.00	0010	2.8
	400.00	0010	.6
	450.00	0010	12.8
	450.00	0195	1.3
	450.00	0984	54.1
	460.87	2055	1.6
	525.00	0010	9.1
	550.00	0010	.6
	550.00	2355	.1
	561.22	2358	.9
	650.00	0010	.1
	WINE GRAPES (Black)		
Barbera	150.00	0010	20.9
	250.00	4315	79.1
Cabernet Sauvignon	135.00	0010	3.6
	250.00	3984	5.3
	262.50	0010	1.9
	275.00	0010	.8
	275.00	3984	10.1
	300.00	0010	1.1
	350.00	0010	.4
	375.00	0010	2.4
	375.00	0155	.2
	400.00	0010	3.5
	400.00	0155	.2
	411.24	4280	11.3
	411.24	4785	3.6
	425.00	0010	28.7
Cabernet Sauvignon (Cont'd)	440.00	0155	.2
	450.00	0010	7.2
	450.00	0185	b/
	467.50	0010	11.4
	500.00	0010	1.4
	520.00	0010	4.6
	525.00	0010	.5
	550.00	0010	.5
	668.88	4557	.1
	675.00	0010	.1
	688.00	0010	.5
	720.00	0010	b/
	750.00	0010	.2
	761.00	0010	.2
Gamay (Napa)	250.00	0010	.4
	300.00	0010	48.5
	348.89	4550	49.3
	350.00	0134	1.8
Gamay Beaujolais	100.00	0010	23.1
	250.00	0010	3.8
	350.00	0200	10.1
	400.00	0010	2.4
	430.00	0010	60.6
Merlot	275.00	0010	.4
	400.00	0010	14.4
	415.00	0010	9.2
	415.00	0042	6.6
	425.00	0010	42.5
	431.15	0010	2.2
	450.00	0010	.5
	450.00	0250	.7
	500.00	0010	3.8
	550.00	0010	17.9
	575.00	0010	1.0
	600.00	0010	.8
Petite Sirah	100.00	0010	43.6
	250.00	0010	1.6
	325.00	0010	47.2
	375.00	0185	.3
	425.00	0010	1.4
	440.00	0155	1.1
	450.00	0010	4.8
Pinot Noir	290.00	0460	13.8
	305.00	0010	.4
	375.00	0010	4.9
	382.02	0010	4.6
	400.00	0010	3.8
	400.00	0110	1.5
	410.00	0010	.9
	415.00	0015	.7
	425.00	0010	7.0
	425.00	0042	.3
	425.00	4540	1.0

(Continued)

Table Base price paid to growers for grapes crushed, delivered California wineries, with Brix factors & percent, by type, by variety, & reporting district where grown, 1983 season (Cont'd)

Variety	Base Price	Brix Factors	Percent of Variety
	Dollars Per Ton	Code a/	Percent
DISTRICT 8 (Cont'd)			
Pinot Noir (Cont'd)	430.00	0460	39.1
	450.00	0010	3.8
	475.00	0155	.3
	500.00	0010	.2
	583.56	4557	7.5
	600.00	0010	1.5
	750.00	0010	2.0
	846.00	0010	4.6
	887.85	4540	2.1
Zinfandel	75.00	0010	3.2
	125.00	0010	11.0
	140.00	0010	2.7
	150.00	0010	10.2
	200.00	0010	.1
	250.00	0010	1.2
	260.00	0155	.8
	275.00	0010	2.6
Zinfandel (Cont'd)	300.00	0010	3.1
	375.00	0010	7.1
	382.17	4785	20.0
	396.10	0010	2.8
	400.00	0010	5.0
	400.00	0065	.1
	412.17	0010	5.5
Zinfandel (Cont'd)	440.00	0010	.7
	450.00	0010	1.9
	467.50	0010	13.9
	475.00	0010	.5
	500.00	0010	4.6
	525.00	0010	.2
	550.00	0155	2.8
DISTRICT 9			
RAISIN GRAPES			
Thompson Seedless	100.00	0010	100.0
TABLE GRAPES			
Concord	225.00	0010	100.0
WINE GRAPES (White)			
Chardonnay	300.00	0010	47.8
	650.00	0010	44.2
	680.00	0010	8.0
Chenin Blanc	100.00	0010	7.9
	170.00	0946	30.6
	200.00	0010	42.3
Chenin Blanc (Cont'd)	225.00	0010	7.4
	350.00	3845	11.8
Emerald Riesling	300.00	1901	100.0
French Colombard	4.00 c/	0300	7.2
	175.00	0010	6.3
	175.00	1990	6.7
	185.00	0940	2.7
	190.00	1990	64.2
	200.00	0010	4.1
	200.00	0257	.1
	280.00	0010	1.2
	325.00	3845	7.5
Sauvignon Blanc	200.00	0010	1.3
	375.00	0063	16.8
	400.00	0010	5.5
	400.00	3985	74.6
	550.00	0010	1.8
Semillon	350.00	0063	21.3
	375.00	3985	78.7
WINE GRAPES (Black)			
Barbera	75.50	0010	20.8
	90.00	0010	20.8
	110.00	0010	58.4
Cabernet Sauvignon	200.00	3986	37.2
	250.00	3985	55.3
	250.00	3986	3.4
	350.00	0010	.8
	450.00	0010	3.3
Gamay (Napa)	4.00 c/	0300	50.7
	75.50	0010	49.3
Grenache	150.00	0860	100.0
Petite Sirah	4.00 c/	0300	3.2
	75.50	0010	27.1
	90.00	0010	3.1
	145.00	4480	66.6
Ruby Cabernet	140.00	0010	12.3
	145.00	4480	87.7
Zinfandel	4.00 c/	0300	1.2
	120.00	0010	.2
	125.00	0010	1.5
	200.00	0010	.7
	210.00	0055	42.7
	210.00	4910	52.2
	300.00	0010	.3
	350.00	0235	1.2
DISTRICT 10			
WINE GRAPES (White)			
Chenin Blanc	300.00	0010	1.2
	350.00	0010	28.7
	400.00	0010	70.1
Sauvignon Blanc	300.00	0010	10.1
	400.00	0010	6.4
	400.00	3983	39.6
	444.68	0010	8.4
	450.00	0010	1.5
	500.00	0010	7.9
	540.83	0010	4.2
	550.00	0010	7.0
	550.00	0235	1.2
Sauvignon Blanc (Cont'd)	600.00	0010	10.9
	645.00	0010	2.8
WINE GRAPES (Black)			
Barbera	325.00	4315	99.2
	400.00	0010	.8
Cabernet Sauvignon	300.00	0010	18.5
	450.00	0010	3.7
	500.00	0010	35.6
	550.00	0010	7.5
	560.00	0010	7.5
	600.00	0235	27.2
Mission	200.00	0100	100.0
Zinfandel	100.00	0010	.2
	200.00	0010	.3
	210.00	4910	4.0
	250.00	0010	2.3
	300.00	0010	2.1
	306.00	0010	3.9
	320.00	0010	1.6
	325.00	0010	.2
	348.57	0010	.3
	350.00	0010	5.4
	350.00	0100	1.8
	350.00	0150	3.5
	360.00	0010	.5
Zinfandel (Cont'd)	361.52	0010	7.5
	375.00	0010	.8
	380.00	0010	12.9
	388.72	0010	6.3
	390.00	0135	2.7
	400.00	0010	2.3
	400.00	0150	.7
	425.00	0010	1.4
	439.01	0010	2.8
	445.00	0010	1.0
	450.00	0010	.6
	450.00	0150	.8
	450.00	0155	27.3
	471.00	0010	1.1
	500.00	0010	4.6
	525.00	0269	1.1

(Continued)

Table 8. Base price paid to growers for grapes crushed, delivered California wineries, with Brix factors & percent, by type, by variety, & reporting district where grown, 1983 season (Cont'd)

DISTRICT 11

Variety	Base Price	Brix Factors	Percent of Variety
	Dollars Per Ton	Code a/	Percent
RAISIN GRAPES			
Thompson Seedless	100.00	0010	100.0
TABLE GRAPES			
Flame Seedless	75.00	0010	100.0
Tokay	80.00	0010	b/
	90.00	0010	b/
	160.00	0010	95.3
	160.00	0310	4.6
	175.00	0010	.1
WINE GRAPES (White)			
Burger	4.00 c/	0300	b/
	80.00	0010	.3
	160.00	0010	20.2
	160.00	0365	79.5
Chardonnay	400.00	0010	51.2
	500.00	0010	45.1
	600.00	0010	3.5
	950.00	0010	.2
Chenin Blanc	4.00 c/	0300	1.3
	110.00	0010	1.1
	150.00	0010	.2
	170.00	0946	35.2
	190.00	0010	1.9
	195.00	0525	.2
	200.00	0010	1.0
	225.00	0946	54.9
	300.00	0010	.2
Chenin Blanc (Cont'd)	300.00	0080	.4
	350.00	3845	3.6
	500.00	0010	b/
French Colombard	4.00 c/	0300	1.1
	100.00	0010	.4
	100.00	1990	.1
	130.00	0010	.1
	151.78	0010	1.3
	160.00	0010	b/
	160.00	1990	9.5
	190.00	1990	83.0
	200.00	1990	3.7
	325.00	0310	.4
	325.00	3845	.4
Gray Riesling	150.00	0946	22.2
	160.00	0010	28.6
	190.00	0010	49.2
Palomino	150.00	0010	100.0
Pinot Blanc	160.00	0010	100.0
Sauvignon Blanc	2.50 c/	0300	1.6
	4.00 c/	0300	.6
	100.00	0010	4.0
	160.00	1985	3.0
	170.00	1990	34.3
	190.00	0010	8.0
	400.00	0310	35.6
	400.00	3985	12.9
Semillon	100.00	0010	7.8
	375.00	3985	92.2
White Riesling	4.00 c/	0300	15.3
	100.00	0010	5.0
White Riesling (Cont'd)	170.00	1990	79.1
	200.00	0010	.6
WINE GRAPES (Black)			
Barbera	100.00	0010	2.6
	145.00	4910	89.5
	175.00	4490	7.9
Black Malvoisie	145.00	4490	100.0
Cabernet Sauvignon	90.00	0010	2.4
	100.00	0010	2.8
	145.00	4490	13.4
	175.00	4490	1.0
	200.00	3984	9.1
	225.00	0195	3.0
	250.00	3985	16.9
	300.00	0310	51.3
	580.00	0010	.1
Carignane	90.00	0010	.1
	100.00	0010	3.2
	125.00	4165	.3
	160.00	0310	4.1
	160.00	4480	2.9
	160.00	4490	89.4
Carnelian	145.00	4490	100.0
Centurian	145.00	4490	100.0
Gamay (Napa)	4.00 c/	0300	89.8
	100.00	0010	10.2
Grenache	90.00	0010	91.4
	150.00	0860	8.6
Merlot	145.00	4490	100.0
Mission	4.00 c/	0300	10.4
	100.00	0010	24.9
	145.00	4170	64.7
Petite Sirah	4.00 c/	0300	17.3
	90.00	0010	2.7
	145.00	4480	71.6
	175.00	4490	6.9
	200.00	3985	1.0
	210.00	4480	.5
Royalty	100.00	0010	100.0
Rubired	90.00	0010	80.7
	150.00	0010	19.3
Ruby Cabernet	120.00	0010	7.2
	145.00	4490	92.8
St. Macaire	145.00	4490	100.0
Zinfandel	4.00 c/	0300	1.2
	90.00	0010	1.2
	100.00	0010	.3
	120.00	0010	1.6
	150.00	0010	1.3
	175.00	0010	3.2
	175.00	4900	7.4
	210.00	0010	3.5
	210.00	0055	11.8
	210.00	4480	4.4
	210.00	4910	64.1
	300.00	0010	b/
	425.00	0010	b/

DISTRICT 12

Variety	Base Price	Brix Factors	Percent of Variety
	Dollars Per Ton	Code a/	Percent
RAISIN GRAPES			
Muscat	150.00	0010	100.0
Thompson Seedless	70.00	0010	14.7
	75.00	0010	9.0
	80.00	0010	.2
	89.00	0010	10.4
	100.00	0010	7.0
	100.00	0020	2.5
	100.00	0370	39.6
	125.00	0010	16.6
WINE GRAPES (White)			
Chardonnay	80.00	0010	43.9
	150.00	0945	56.1
Chenin Blanc	4.00 c/	0300	5.7
	90.00	0010	.1
	100.00	0010	b/
	140.00	0945	.8
	155.00	0010	.6
	170.00	0010	1.8
	170.00	0940	2.4
	170.00	0946	11.5
Chenin Blanc (Cont'd)	195.00	0525	4.5
	200.00	0010	3.1
	200.00	0525	.6
	200.00	0946	.6
	202.50	0010	.1
	202.50	0415	1.8
	210.00	1109	.6
	225.00	0010	.6
	225.00	0530	.9
	225.00	0946	63.6
	240.00	0530	.2
	350.00	3845	.5
Emerald Riesling	171.00	0415	60.2
	190.00	0010	39.8
French Colombard	4.00 c/	0300	1.0
	85.00	0525	1.4
	85.00	1990	.5
	100.00	0010	.6
	100.00	1990	.2
	113.62	0010	3.3
	125.00	0527	1.6
	145.00	0010	2.2
	145.00	1990	3.1
	160.00	0010	.1

(Continued)

Table 8. Base price paid to growers for grapes crushed, delivered California wineries, with Brix factors & percent, by type, by variety, & reporting district where grown, 1983 season (Cont'd)

Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety	Variety	Base Price	Brix Factors	Percent of Variety
	Dollars Per Ton	Code a/	Percent		Dollars Per Ton	Code a/	Percent		Dollars Per Ton	Code a/	Percent		Dollars Per Ton	Code a/	Percent
							DISTRICT 12 (Cont'd)								
French Colombard (Cont'd)	160.00	0947	2.2	Semillon	160.00	0010	94.9	Grenache	4.00 c/	0300	.2	Rubired (Cont'd)	120.00	0966	4.7
	160.00	1990	3.3		375.00	3985	5.1		85.00	0010	11.2		125.00	0010	1.5
	171.00	0520	.6						94.92	0010	4.6		125.00	0940	11.3
	175.00	0010	.2	Sylvaner	160.00	0946	100.0		100.00	0010	8.9				
	175.00	0947	3.2						120.00	3830	3.5	Ruby Cabernet	4.00 c/	0300	3.3
	175.00	1990	3.2	White Riesling	4.00 c/	0300	66.8		150.00	0010	8.6		48.00	0010	.2
	185.00	0940	11.9		170.00	1990	33.2		150.00	0740	16.6		90.00	0010	1.1
	190.00	0010	.3						150.00	0860	46.4		100.00	0010	.2
	190.00	0936	1.6										110.00	4165	.8
	190.00	0940	1.4				WINE GRAPES (Black)	Malbec	140.00	4480	100.0		125.00	4165	15.4
	190.00	0947	.9										134.61	4104	5.6
	190.00	1990	51.1	Barbera	4.00 c/	0300	1.4	Mission	4.00 c/	0300	1.0		140.00	4470	6.4
	195.00	0947	2.1		90.00	0010	.9		75.00	0010	7.1		140.00	4480	64.4
	200.00	1109	1.3		130.00	0010	4.5		90.00	0010	7.3		145.00	0010	2.6
	240.00	0520	1.8		142.81	4103	9.5		100.00	0010	1.2				
	300.00	0059	.2		145.00	0010	3.5		140.00	4165	83.4	St. Macaire	135.00	4480	100.0
	325.00	3845	.7		145.00	4260	.4								
					145.00	4480	79.8	Muscat Hamburg	4.00 c/	0300	97.5	Tinta Madeira	110.00	1952	100.0
Green Hungarian	150.00	0010	7.6						325.00	0010	2.5				
	325.00	0010	92.4	Cabernet Sauvignon	4.00 c/	0300	34.3					Valdepenas	4.00 c/	0300	2.0
					140.00	4480	46.3	Nebbiolo	125.00	4480	99.1		75.00	0010	20.3
Malvasia Bianca	190.00	0010	100.0		350.00	4160	19.4		225.00	0010	.9		90.00	0010	10.4
													100.00	0010	2.5
Palomino	75.00	0010	4.1	Carignane	4.00 c/	0300	.7	Petite Sirah	4.00 c/	0300	26.7		135.00	4480	64.8
	85.00	0010	7.2		75.00	0010	17.3		75.00	0010	46.4				
	120.00	0840	6.4		90.00	0010	23.0		90.00	0010	2.2	Zinfandel	4.00 c/	0300	8.0
	125.00	0010	27.3		100.00	0010	1.0		100.00	0010	4.1		85.00	0010	13.7
	130.00	0010	42.6		100.00	4165	.1		140.00	4480	20.6		90.00	0010	18.9
	135.00	0010	5.6		106.42	4103	15.8						100.00	0010	.9
	150.00	0946	6.8		112.50	0010	4.0	Royalty	85.00	4165	23.3		100.00	4820	5.7
					120.00	0010	4.1		125.00	0940	76.7		110.00	0010	11.9
Pinot Blanc	160.00	0010	100.0		120.00	4165	6.9						110.00	4480	8.1
					135.00	4480	27.1	Rubired	90.00	0010	12.4		114.28	4104	10.6
St. Emilion (Ugni Blanc)	145.00	0010	100.0						100.00	0010	3.7		125.00	0010	3.9
				Carnelian	4.00 c/	0300	5.4		109.30	4104	55.8		140.00	0010	.7
					126.78	4100	11.5		110.00	0010	9.0		150.00	4900	9.5
Sauvignon Blanc	4.00 c/	0300	3.8		130.00	4160	83.1		120.00	0010	1.6		210.00	0055	1.0
	140.00	0010	30.7										210.00	4905	7.1
	170.00	0946	61.2												
	225.00	1987	4.3												
							DISTRICT 13								
		RAISIN GRAPES		Muscats (Cont'd)	150.00	0525	1.3	Thompson Seedless (Cont'd)	75.00	0525	.3	Thompson Seedless (Cont'd)	125.00	0010	1.2
Muscat	105.00	0437	.2		170.00	0010	1.5		75.00	0957	1.9		125.00	0015	.1
	110.00	0010	b/						85.00	0010	1.8		125.00	0370	.1
	127.50	0940	13.1	Sultanas	75.00	0010	1.2		90.00	0957	3.3		125.00	0420	1.0
	130.00	0010	65.3		100.00	0010	98.8		100.00	0010	22.1		150.00	0010	.3
	130.00	0310	6.9						100.00	0015	9.5		150.00	0420	1.0
	130.00	4160	.3	Thompson Seedless	1.25 c/	0300	.1		100.00	0370	22.2				
	130.00	6905	.2		2.50 c/	0300	b/		100.00	0730	.1	Packinghouse Culls	1.25 c/	0300	80.3
	135.00	0010	.2		3.00 c/	0300	.1		100.00	3947	23.4		35.00	0010	19.7
	150.00	0010	7.4		3.50 c/	0300	b/		101.11	0310	3.3				
	150.00	0020	3.6		70.00	0010	.4		105.00	0437	3.8				
					75.00	0010	3.7		110.00	0010	.3				

(Continued)

Table 8. Base price paid to growers for grapes crushed, delivered California wineries, with Brix factors & percent, by type, by variety, & reporting district where grown, 1983 season (Cont'd)

DISTRICT 13 (Cont'd)

Variety	Base Price	Brix Factors	Percent of Variety
	Dollars Per Ton	Code a/	Percent
TABLE GRAPES			
Almeria	5.00 c/	0300	17.8
	107.69	0310	15.1
	110.00	0010	67.1
Calmeria	1.25 c/	0300	.2
	5.00 c/	0300	19.8
	75.00	0010	2.4
	100.00	0010	8.3
	104.13	0310	1.2
	110.00	0010	68.1
Cardinal	1.25 c/	0300	90.0
	60.00	0010	10.0
Emperor	3.00 c/	0300	.3
	5.00 c/	0300	12.6
	85.00	0010	.2
	105.79	0310	12.4
	110.00	0010	74.5
Italia	130.00	0010	100.0
Queen	110.00	0010	100.0
Red Malaga	5.00 c/	0300	22.5
	75.00	0010	77.5
Ribier	4.00 c/	0300	2.4
	5.00 c/	0300	5.6
	75.00	0010	5.5
	80.00	0010	2.0
	85.00	0010	12.7
	92.00	0010	45.8
	93.00	0310	5.2
	100.00	0010	.5
	102.00	0010	4.5
	110.00	0010	15.8
Ruby Seedless	1.25 c/	0300	21.5
	5.00 c/	0300	18.0
	69.44	0310	9.1
	75.00	0010	43.4
	85.00	0434	4.7
	110.00	0010	3.3
Tokay	110.00	0010	100.0
White Malaga	2.50 c/	0300	.1
	3.00 c/	0300	.1
	4.00 c/	0300	.7
	75.00	0010	7.8
	85.00	0010	.5
	100.00	0010	56.8
	101.59	0310	.2
	110.00	0010	.1
	110.00	1990	19.3
White Malaga (Cont'd)	115.00	0010	.4
	125.00	0010	14.0
Packinghouse Culls	1.25 c/	0300	82.5
	55.00	0010	1.4
	103.53	0310	16.1
WINE GRAPES (White)			
Burger	85.00	0010	35.3
	145.00	0010	64.7
Chenin Blanc	4.00 c/	0300	3.3
	85.00	0507	.6
	90.00	0431	.3
	105.00	0431	.1
	110.00	0010	1.6
	113.00	0010	1.3
	130.00	0507	1.0
	145.00	0438	2.4
	150.00	2440	.1
	155.00	1990	24.1
	175.00	0010	4.3
	185.00	0525	1.7
	190.00	0010	.7
	190.00	0525	1.0
	190.00	1109	.5
	195.00	0010	.1
	200.00	0010	9.0
	200.00	0310	4.7
	200.00	0525	.3
	200.00	0946	.4
	200.00	1990	41.6
	275.00	0010	.9
Emerald Riesling	105.00	0431	1.5
	135.00	0010	19.5
	145.00	0010	2.8
	150.00	0940	1.4
	160.00	0010	51.0
	161.50	0010	21.6
	175.00	0010	.9
	190.00	0010	1.3
Feher Szagos	75.00	0010	24.1
	120.00	0947	75.9
French Colombard	4.00 c/	0300	2.2
	85.00	0010	.3
	85.00	0507	.5
	85.00	0525	b/
	90.00	0010	.6
	90.00	0431	.6
	100.00	0010	.9
	105.00	0431	.2
	110.00	0010	1.2
	125.00	0507	b/
French Colombard (Cont'd)	135.00	0936	.1
	145.00	0010	.3
	145.00	0553	1.5
	145.00	1990	17.2
	150.00	0010	.1
	160.00	1990	.3
	175.00	0010	11.5
	175.00	0310	3.5
	175.00	0843	.1
	175.00	0940	5.1
	175.00	0946	2.6
	175.00	0947	2.4
	175.00	1990	43.6
	180.00	0010	.2
	180.00	0946	.4
	190.00	0010	1.4
	190.00	0940	2.5
	200.00	0010	.3
	200.00	0940	.4
Malvasia Bianca	135.00	0010	6.6
	170.00	0010	22.9
	175.00	1980	13.0
	200.00	0940	2.4
	235.00	0010	39.0
	275.00	0010	16.1
Muscat Blanc	113.50	0010	43.4
	120.00	0010	.5
	130.00	0010	37.5
	160.00	1980	3.3
	200.00	0010	4.8
	260.00	0010	10.5
	275.00	0010	b/
Orange Muscat	300.00	0010	100.0
Palomino	2.50 c/	0300	.1
	3.00 c/	0300	.4
	75.00	0010	2.3
	85.00	0010	.9
	100.00	0010	5.7
	100.00	0370	7.1
	110.00	0010	21.2
	120.00	0010	26.0
	120.00	0936	2.4
	120.00	1990	19.5
	125.00	0420	1.7
	127.50	0946	11.1
	170.00	0010	1.6
St. Emilion (Ugni Blanc)	100.00	0010	45.1
	105.00	0437	.8
	140.00	0010	13.9
	150.00	0010	27.5
	175.00	0010	12.7
Semillon	48.00	0010	5.6
	135.00	0010	25.2
	150.00	0010	10.8
	161.50	0010	44.8
	200.00	0916	13.6
WINE GRAPES (Black)			
Aleatico	140.00	0010	100.0
Alicante Bouschet	3.00 c/	0300	1.0
	75.00	0010	84.0
	110.00	0010	10.5
	150.00	0010	4.5
Barbera	2.50 c/	0300	b/
	70.00	0010	b/
	75.00	0010	1.2
	80.00	0010	1.6
	85.00	0966	.6
	95.00	0010	1.6
	100.00	0010	.5
	110.00	0010	.2
	110.00	0966	3.7
	120.00	0010	2.5
	125.00	0010	.2
	130.00	0010	73.7
	130.00	0310	11.8
	130.00	1840	.8
	135.00	0010	.6
	275.00	0010	1.0
Black Malvoisie	75.00	0010	86.4
	75.00	0310	13.6
Cabernet Sauvignon	90.00	0010	100.0
Carignane	3.00 c/	0300	.2
	4.00 c/	0300	.5
	40.00	0010	.3
	47.50	0010	.5
	65.00	0010	.2
	72.00	0010	.1
	75.00	0010	17.9
	85.00	4115	9.9
	90.00	0010	5.6
	100.00	0010	3.7
	100.00	0966	.8
	118.75	0010	2.2
	120.00	4165	54.8
	135.00	0010	.7
	135.00	1995	1.9
	135.00	4165	.7
Carnelian	4.00 c/	0300	.2
	72.00	0010	11.0

(Continued)

Table 8. Base price paid to growers for grapes crushed, delivered California wineries, with Brix factors & percent, by type, by variety, & reporting district where grown, 1983 season (Cont'd)

Variety	Base Price	Brix Factors	Percent of Variety
	Dollars Per Ton	Code a/	Percent
DISTRICT 13 (Cont'd)			
Carnelian (Cont'd)	100.00	0010	2.8
	120.00	4165	24.9
	125.00	0010	61.1
Centurian	72.00	0010	2.7
	75.00	0437	.3
	100.00	0010	.4
	120.00	4165	9.4
	125.00	0010	87.2
Gamay (Napa)	110.00	0010	100.0
Grenache	4.00 c/	0300	.1
	75.00	0010	1.3
	80.00	0010	b/
	85.00	0966	.4
	90.00	0010	1.0
	95.00	0010	.5
	107.28	0010	5.6
	110.00	0010	.4
Grenache (Cont'd)	120.00	0966	2.0
	125.00	0010	2.1
	127.50	0010	3.6
	130.00	0010	1.1
	140.00	0010	.6
	150.00	0010	3.4
	150.00	0860	77.9
Mission	3.00 c/	0300	2.9
	40.00	0010	3.3
	65.00	0010	.7
	75.00	0010	b/
	80.00	0010	7.1
	90.00	0010	.4
	95.00	4165	12.2
	110.00	0010	2.2
	125.00	4165	71.1
Petite Sirah	125.00	0010	28.7
	125.00	0310	71.3
Royalty	90.00	0010	.6
	100.00	0010	.8
	110.00	0010	7.6
	110.00	0966	12.3
	120.00	0970	25.9
	125.00	0010	52.8
Rubired	100.00	0010	19.2
	110.00	0010	11.7
	110.00	0966	6.5
	116.00	0310	4.7
	120.00	0970	20.9
	125.00	0010	35.7
	125.00	4165	1.3
Ruby Cabernet	3.00 c/	0300	.1
	72.00	0010	1.5
	75.00	0010	1.2
	80 00	0010	.5
	85.00	0966	.4
	90.00	0010	.9
Ruby Cabernet (Cont'd)	95.00	0010	2.2
	100.00	0010	.3
	100.00	0966	3.0
	110.00	0010	1.8
	125.00	0010	3.7
	125.00	0310	12.2
	125.00	4165	72.2
Salvador	65.00	0010	4.8
	100.00	0508	37.5
	110.00	0010	15.2
	125.00	0010	42.5
Souzao	100.00	0010	100.0
Tinta Madeira	4.00 c/	0300	6.5
	80.00	0010	72.2
	120.00	4165	21.3
Zinfandel	75.00	0010	71.4
	100.00	0010	28.6

DISTRICT 14

Variety	Base Price	Brix Factors	Percent of Variety
	Dollars Per Ton	Code a/	Percent
RAISIN GRAPES			
Muscat	75.00	0010	.1
	90.00	0010	3.1
	100.00	0010	b/
	110.00	0010	22.2
	125.00	0970	2.3
	130.00	0010	52.1
	150.00	0010	6.0
	150.00	0970	4.8
	160.00	0010	9.4
Thompson Seedless	2.50 c/	0300	.1
	3.00 c/	0300	b/
	55.00	0010	.8
	58.00	0010	.4
	60.00	0010	3.8
	65.00	0010	7.3
	75.00	0010	13.9
	80.00	0437	.6
	80.98	0010	4.4
	85.00	0010	2.7
	100.00	0010	20.4
	100.00	0858	6.9
	100.00	2095	3.4
	110.00	0010	.5
	110.00	0370	.7
	125.00	0010	20.2
	125.00	0858	1.4
	150.00	0436	12.5
Packinghouse Culls	1.25 c/	0300	100.0
TABLE GRAPES			
Almeria	110.00	0010	100.0
Calmeria	75.00	0010	1.3
	85.00	0010	1.9
	90.00	0010	7.4
	100.00	0847	4.7
	110.00	0010	84.7
Cardinal	110.00	0010	100.0
Emperor	40.00	0010	1.5
	60.00	0010	.4
	75.00	0010	.2
	85.00	0010	.3
	90.00	0010	1.1
	110.00	0010	96.5
Flame Seedless	75.00	0010	97.6
	85.00	0010	2.4
Italia	110.00	0010	100.0
Red Malaga	65.00	0010	21.6
	75.00	0010	78.4
Ribier	4.00 c/	0300	3.9
	75.00	0854	6.9
	85.00	0010	25.4
	110.00	0010	63.8
Ruby Seedless	85.00	0010	34.0
	110.00	0010	66.0
Superior Seedless	65.00	0010	100.0
Tokay	100.00	0010	100.0
White Malaga	75.00	0010	2.1
	100.00	0010	23.5
	100.00	0858	.7
	110.00	0010	39.1
	150.00	0436	34.6
WINE GRAPES (White)			
Burger	175.00	0010	100.0
Chardonnay	125.00	0010	100.0
Chenin Blanc	1.25 c/	0300	.4
	3.50 c/	0300	.2
	3.75 c/	0300	11.1
	55.42	0010	12.0
	60.00	0010	.7
Chenin Blanc (Cont'd)	80.00	0432	.2
	80.00	0509	.4
	85.00	0509	.6
	90.00	0010	.7
	100.00	0010	5.9
	110.00	0010	35.7
	110.00	0525	.4
	129.18	0310	.6
	150.00	0431	2.7
	175.00	0010	10.0
	185.00	0525	.8
	195.00	0525	3.9
	200.00	0525	9.3
	210.00	0946	4.4
Emerald Riesling	3.50 c/	0300	.6
	3.75 c/	0300	1.8
	50.00	0010	4.4
	100.00	0010	12.4
	100.00	0851	.7
	110.00	0010	40.0
	150.00	0010	8.0
	150.00	0851	.7
	190.00	0010	31.4
Flora	75.00	2095	100.0
French Colombard	3.50 c/	0300	.2
	3.75 c/	0300	2.5
	50.19	0010	1.7

(Continued)

Table 8. Base price paid to growers for grapes crushed, delivered California wineries, with Brix factors & percent, by type, by variety, & reporting district where grown, 1983 season (Cont'd)

DISTRICT 14 (Cont'd)

Variety	Base Price	Brix Factors	Percent of Variety
	Dollars Per Ton	Code a/	Percent
French Colombard (Cont'd)	55.50	0010	2.2
	80.00	0010	.4
	80.00	0431	1.6
	85.00	0010	4.4
	85.00	0525	1.2
	90.00	0010	.1
	90.00	0431	.9
	100.00	0010	5.9
	100.00	0431	1.4
	110.00	0010	52.5
	110.00	0851	.1
	110.00	0940	.9
	122.50	0010	.7
	145.00	0848	.1
	150.00	0010	1.3
	150.00	0431	.9
	150.00	0851	b/
	150.00	0965	.6
	175.00	0010	5.8
	175.00	0851	.2
	175.00	0940	2.9
	175.00	0943	1.4
	180.00	0010	.2
	185.00	0940	2.9
	190.00	0010	2.6
	200.00	0010	3.5
	200.00	0851	.9
Gewurztraminer	50.00	0010	100.0
Gray Riesling	50.00	0010	1.1
	100.00	0010	98.9
Green Hungarian	60.00	0010	74.6
	110.00	0010	25.4
Malvasia Bianca	85.00	0010	4.5
	300.00	0010	95.5
Muscat Blanc	110.00	0010	90.8
	160.00	0010	9.2
Palomino	75.00	0010	9.7
	85.00	0010	5.2
Palomino (Cont'd)	110.00	0010	47.1
	175.00	0010	38.0
Pedro Ximenes	75.00	0010	100.0
Peverella	100.00	2095	64.3
	150.00	0010	35.7
St. Emilion (Ugni Blanc)	75.00	0010	6.8
	85.00	0010	14.4
	110.00	0010	78.8
Sauvignon Blanc	50.00	0010	100.0
Semillon	3.50 c/	0300	1.2
	60.00	0010	5.6
	75.00	0010	11.7
	100.00	0010	12.1
	110.00	0010	62.7
	127.50	0010	6.7
Sylvaner	50.00	0010	100.0
WINE GRAPES (Black)			
Barbera	48.12	0010	7.8
	60.00	0010	.8
	65.00	2095	.8
	75.00	0010	8.4
	75.00	4182	16.8
	82.00	0010	.7
	85.00	0010	6.5
	95.00	0010	29.4
	100.00	0010	11.4
	100.00	0966	8.6
	110.00	0010	1.1
	120.00	0010	5.5
	125.00	3856	.9
	127.50	0010	1.3
Black Malvoisie	75.00	0010	100.0
Cabernet Sauvignon	50.00	0010	38.2
	75.00	4181	61.8
Carignane	50.00	0010	5.7
	60.00	4182	2.1
	70.00	2095	2.5
	75.00	0010	24.4
	75.00	2090	5.7
	85.00	0010	1.0
	90.00	4165	26.7
	94.00	0010	1.0
	100.00	0010	7.2
	135.00	0010	23.7
Carnelian	75.00	0010	56.6
	75.00	0435	31.3
	75.00	0965	12.1
Gamay (Napa)	67.50	0010	100.0
Gamay Beaujolais	50.00	0010	100.0
Grenache	48.81	0010	5.0
	65.00	0010	.7
	75.00	0010	3.5
	75.00	0969	.9
	85.00	0010	3.5
	100.00	0010	6.2
	110.00	0010	57.0
	125.00	0010	23.2
Mission	50.00	0010	100.0
Nebbiolo	75.00	0010	100.0
Petite Sirah	50.00	0010	70.5
	75.00	0010	3.3
	100.00	0010	26.2
Royalty	110.00	0010	34.3
	110.00	0970	25.3
	115.00	0970	6.9
Royalty (Cont'd)	125.00	0010	26.1
	177.50	0010	7.4
Rubired	75.00	0010	2.8
	90.00	0010	4.8
	100.00	4183	.8
	100.00	4184	6.9
	110.00	0010	25.0
	110.00	0970	18.9
	110.00	4184	1.5
	115.00	0970	5.6
	125.00	0010	23.2
	125.00	1760	9.4
	177.50	0010	1.1
Ruby Cabernet	47.13	0010	8.2
	60.00	2090	1.2
	60.00	2095	4.2
	65.00	2095	1.8
	70.00	2095	2.7
	72.00	0010	4.6
	75.00	0010	1.9
	75.00	2090	1.6
	75.00	4182	30.7
	79.00	0010	.7
	85.00	0010	.1
	85.00	0966	2.2
	95.00	4165	19.7
	100.00	0010	11.8
	110.00	0010	6.6
	125.00	1760	.5
	127.50	0010	1.5
Salvador	75.00	2090	8.3
	100.00	0510	5.0
	110.00	0010	7.5
	110.00	0508	37.0
	115.00	0508	20.1
	125.00	0010	22.1
Zinfandel	65.00	0010	25.8
	110.00	0010	3.8
	125.00	0010	70.4

DISTRICT 15

Variety	Base Price	Brix Factors	Percent of Variety
	Dollars Per Ton	Code a/	Percent
RAISIN GRAPES			
Muscat	80.00	0010	52.2
	85.00	0010	22.5
	150.00	0010	25.3
TABLE GRAPES			
Black Prince	80.00	0010	100.0
WINE GRAPES (White)			
Burger	65.00	0010	7.4
	90.00	0010	92.6
Emerald Riesling	65.00	0010	100.0
Malvasia Bianca	80.00	0010	100.0
Palomino	45.00	0010	4.7
	57.50	0010	13.9
	80.00	0010	77.6
	105.00	0010	3.8

(Continued)

Table 8. Base price paid to growers for grapes crushed, delivered California wineries, with Brix factors & percent, by type, by variety, & reporting district where grown, 1983 season (Cont'd)

Variety	Base Price	Brix Factors	Percent of Variety
	Dollars Per Ton	Code a/	Percent
DISTRICT 15 (Cont'd)			
WINE GRAPES (Black)			
Aleatico	80.00	0010	100.0
Carignane	80.00	0010	100.0
Grenache	43.00	0010	8.2
	80.00	0010	91.8
Mataro	80.00	0010	100.0
Mission	80.00	0010	70.9
	85.00	0010	29.1
Rubired	80.00	0010	22.4
	90.00	4184	55.6
	150.00	0010	22.0
Ruby Cabernet	80.00	0010	100.0
Salvador	80.00	0010	100.0
Zinfandel	80.00	0010	80.3
	85.00	0010	8.2
	140.00	0010	11.5
DISTRICT 16			
WINE GRAPES (White)			
Chardonnay	525.00	0010	13.2
	525.00	0268	80.8
	600.00	0010	6.0
Chenin Blanc	200.00	0010	15.4
	375.00	0010	51.2
Chenin Blanc (Cont'd)	375.00	0185	24.4
	400.00	0010	5.1
	450.00	0010	3.9
Pinot Blanc	325.00	0010	66.4
	550.00	0010	33.6
Sauvignon Blanc	475.00	0010	13.6
	475.00	0265	74.0
	500.00	0010	12.1
	650.00	0010	.3
White Riesling	175.00	0010	33.2
	350.00	0010	21.8
	350.00	0137	45.0
WINE GRAPES (Black)			
Cabernet Sauvignon	250.00	0010	3.5
	254.30	0010	7.3
	300.00	0010	55.9
	350.00	0010	33.3
Zinfandel	155.00	0010	100.0
DISTRICT 17			
WINE GRAPES (White)			
Chardonnay	400.00	0010	67.2
	400.00	0150	32.8
Chenin Blanc	200.00	0715	38.4
	200.00	1120	.8
	200.00	1882	3.6
	275.00	1882	2.0
	300.00	0010	1.7
	300.00	0080	2.1
	300.00	0950	.5
	315.00	0010	46.0
Chenin Blanc (Cont'd)	350.00	3845	1.0
	382.50	0010	3.9
French Colombard	4.00 c/	0300	2.1
	190.00	1990	28.1
	200.00	0715	69.8
Gray Riesling	175.00	0010	100.0
Sauvignon Blanc	200.00	1730	18.2
	250.00	1675	45.1
	350.00	0140	11.6
Sauvignon Blanc (Cont'd)	382.50	0010	13.8
	400.00	2320	11.3
Semillon	375.00	3985	100.0
WINE GRAPES (Black)			
Barbera	125.00	0715	100.0
Cabernet Sauvignon	200.00	3986	85.5
	300.00	0010	14.5
Early Burgundy	125.00	0715	100.0
Gamay (Napa)	200.00	0010	100.0
Merlot	175.00	3984	83.9
	250.00	3985	16.1
Petite Sirah	125.00	1730	50.8
	150.00	0010	6.9
	220.00	0010	42.3
Zinfandel	125.00	1730	88.0
	200.00	4107	2.9
	227.00	0010	9.1

a/ See code descriptions beginning on page 40.
b/ Less than 0.1 percent.
c/ Price basis per degree Brix.

Table 8 - Supplement

The following Brix adjustment factors are on a per degree Brix basis and are normally calculated to a tenth of a degree, and are cumulative unless otherwise indicated. Most wineries, however, indicate maximum and/or minimum Brix acceptance levels and grapes testing above or below these levels may be subject to price renegotiation or rejection by the winery. Discounts for high sugar apply to both base price and bonus unless otherwise stated. There are factors other than Brix, such as material other than grapes (MOG), defects, weight loss in late harvest grapes, and sugar/acid ratios that affect grape prices. These were not considered in this presentation, unless otherwise stated, but were considered in arriving at weighted average prices.
NOTE: Brix adjustment factors designated with an asterisk were added since release of the Preliminary Grape Crush Report, 1983 crop.

NO PREMIUM OR PENALTY

0010 No max. or min.

0015 Min. acceptance 18°

0017 Min. acceptance 18.5°

0020 Min. acceptance 19°

0025 Min. acceptance 19.5°

0027 Min. acceptance 19.8°

0030 Min. acceptance 20°

0035 Min. acceptance 21°

0038 Min. acceptance 21.5°

0042 Min. acceptance 22°

0043 Min. acceptance 22.5°

0047 Min. acceptance 23°

0053 Acceptable range 16-18°

0055 Acceptable range 16-20°

0057 Acceptable range 17-18.5°

0059 Acceptable range 17-19°

0062 Acceptable range 17.5-20°

0063 Acceptable range 18-19°

0065 Acceptable range 18-20°

0080 Acceptable range 18-23°

0093 Acceptable range 18.5-19.5°

0097 Acceptable range 19-20°

0100 Acceptable range 19-21°

0110 Acceptable range 19-22°

0115 Acceptable range 19-22.5°

0120 Acceptable range 19-23°

0125 Acceptable range 19-24°

0132 Acceptable range 19.5-21.5°

0134 Acceptable range 20-21°

0135 Acceptable range 20-22°

NO PREMIUM OR PENALTY (Cont'd)

0137 Acceptable range 20-22.5°

0140 Acceptable range 20-23°

0145 Acceptable range 20-23.5°

0150 Acceptable range 20-24°

0155 Acceptable range 20-25°

0160 Acceptable range 20.5-21.5°

0165 Acceptable range 20.5-22°

0167 Acceptable range 20.5-22.5°

0168 Acceptable range 20.5-23°

0170 Acceptable range 20.5-24°

0175 Acceptable range 21-22°

0185 Acceptable range 21-23°

0195 Acceptable range 21-24°

0200 Acceptable range 21-25°

0203 Acceptable range 21-30°

0213 Acceptable range 21.5-23°

0214 Acceptable range 21.5-23.5°

0215 Acceptable range 21.5-24°

0217 Acceptable range 21.5-24.5°

0221 Acceptable range 21.5-26°

0223 Acceptable range 21.9-23°

0225 Acceptable range 22-23°

0230 Acceptable range 22-23.5°

0235 Acceptable range 22-24°

0245 Acceptable range 22-25°

0250 Acceptable range 22-26°

0257 Acceptable range 22.5-23°

0258 Acceptable range 22.5-23.5°

0265 Acceptable range 22.5-24°

0267 Acceptable range 22.5-39°

(Continued)

NO PREMIUM OR PENALTY (Cont'd)

0268 Acceptable range 22.8-24.5°

0269 Acceptable range 23-25°

0285 Acceptable range 24-26°

0288 Acceptable range 24.5-39°

0290 Acceptable range 30-40°

SPECIAL CLASS

0300 Per degree Brix

* 0310 Price and Brix adjustments for reference price contracts in effect prior to January 1, 1977 based on Preliminary Grape Crush Report averages

15° BRIX

0320 No premium; - 20% to 14°, - 30%

16° BRIX

0365 No premium; - 15% min. 15°

17-21.5° BRIX

0370 No premium, - 10% above or below

17.5° BRIX

0385 + 20%, max. 19°; - 20% to 17°, - 40%

18° BRIX

0415 No premium; - 7%

0420 No premium; - 10%

0431 No premium, max. acceptance 22.5°; - 10% min. 16°

0432 No premium, max. acceptance 23°; - 10% min. 16°

0434 No premium, max. acceptance 24°; - 5% min. 17°

0435 No premium, max. acceptance 24°; - 10% min. 16°

0436 No premium, max. acceptance 25°; - 5% min. 16°

0437 No premium, max. acceptance 25°; - 10% min. 16°

0438 No premium; - $8.05

18° BRIX (Cont'd)

0440 + 7.5% to 20°, no change to 20.4°, 20.5 to 21.5° bonus reduced 1.5% per 1/10th degree, - 6% per 1/10th degree loads above 21.5°, max. acceptance 22°; - 4% per 1/10th degree loads below 18°, min. acceptance 17.5°

18-20° BRIX

0460 No premium; - 10% below

18-23° BRIX

0470 No premium; - 10% above or below

19° BRIX

0507 No premium, max. acceptance 23°; - 5% min. 18°

0508 No premium, max. acceptance 24°; - 5% min. 17°

0509 No premium, max. acceptance 24°; - 5% min. 18°

0510 No premium, max. acceptance 25°; - 5% min. 18°

0520 No premium; - 7% min. 18°

0525 No premium; - 10%

0527 No premium; - 10% above 22°; - 10% min. 18°

0530 No premium; - 10%, min. 18°

0553 No premium; - $7.65

0562 + or - 7% max. 21°, min. 18°

0565 + 7.5% to 20°, no change to 20.4°, 20.5 to 21° bonus reduced 1.5% per 1/10th degree, - 6% per 1/10th degree loads above 21°, max. acceptance 21.5°; - 4% per 1/10th degree loads below 19°, min. acceptance 18°

0607 + 10% to 20°, + 15% max. 21°; - 10% min. 18°

19-21° BRIX

0715 No premium; - 10% above or below

0723 No premium; - 10% to 22°, - 20% to 23°, - 30%; - 5% to 18°, - 15% to 17°, - 30%

0725 No premium; - 10% below 19°

0730 No premium; - 10% min. 18°

* 0735 + flat 6% at 21°; no penalty

* 0737 + flat 8% above 21°; no penalty

19-21.5° BRIX

0740 No premium; - 10% above or below

19-21.5° BRIX (Cont'd)

0745 No premium; - 15% above or below

19-24° BRIX

0775 No premium; - 10% above or below

19.5° BRIX

0840 No premium; - 5% min. 18°

0843 No premium; - 10% min. 18°

0847 No premium, max. acceptance 22.5°; - 5% min. 18°

0848 No premium, max. acceptance 22.5°; - 10% min. 16°

0851 No premium, max. acceptance 22.5°; - 10% min. 18°

0854 No premium, max. acceptance 25°; - 5% min. 16°

0858 No premium, max. acceptance 25°; - 5% min. 18°

19.5-21.5° BRIX

0860 No premium; - 15% above or below

20° BRIX

0916 No premium; - 5% min. 18°

0936 No premium; - 7% min. 18°

0940 No premium; - 10%

0943 No premium; - 10% min. 17°

* 0944 No premium; - 10% to 18°, - 20%

0945 No premium, - 10% above 22°; - 10% min. 18°

0946 No premium; - 10% min. 18°

0947 No premium; - 10% min. 19°

* 0948 No premium; - 10% to 19°, - 20% min. 18°

0949 No premium, max. acceptance 21°; - 15% min. 18°

0950 No premium, max. acceptance 21°; - 15% min. 19°

0955 No premium, max. acceptance 22°; - 15% min. 19°

0957 No premium, max. acceptance 23°; - 5% min. 18°

0965 No premium, max. acceptance 24°; - 5% min. 18°

0966 No premium, max. acceptance 24°; - 5% min. 19°

0969 No premium, max. acceptance 25°; - 10% min. 18°

0970 No premium, max. acceptance 25°; - 5% min. 19°

(Continued)

20° BRIX (Cont'd)

0980 No premium; - 15%

0983 No premium; - 15% min. 17°

0984 No premium; - 15% min. 18°

1000 No premium, above 23° flat $225; - 15% to 19°, below 19° flat $225 - 15% per degree

1015 + 5% to 21°, + 10% max. 22°; - 10% min. 18°

1020 + 5% to 21°, + 10% max. 22°; - 10% min. 19°

1023 + 5% to 21°, + 10% max. 22°; - 15% min. 19°

1035 + 5% to 22°, + 10% max. 23°; - 10% min. 19°

* 1040 + 6% at 21°, + 2% at 22°; - 7% min. 19°

1065 + 7% max. 22°; - 10% to 19°, - 15% min. 18°

1075 + or - 10%

1087 + or - 10% max. 21°, min. 19°

1100 + or - 10% max. 22°, min. 18°

1109 + or - 10% max. 23°, min. 18°

1112 + or - 10% max. 23°, min. 19°

1120 + 10% max. 21°, max. acceptance 22.5°; - 10% min. 19°

1125 + 10% to 21°, no change to 22.5°, - 40%; - 10% to 19°, - 40%

1130 + 10% to 22°, 22.1° and above reduce base price plus bonus by 10%; - 10% min. 18°

1155 + or - 15% max. 21°, min. 19°

1180 + 20% to 21°, no change to 22.5°, - 40%; -20% to 19°, -40%

1200 + 26.6% to 21.5°, no change to 21.9°, 22 to 23° bonus reduced 4% per 1/10th degree, - 6% per 1/10th degree loads above 23°, max. acceptance 23.5°; - 4% per 1/10th degree loads below 20°, min. acceptance 19°

20-21° BRIX

* 1675 No premium; - 10% above or below

1700 + 10% max. 25°; min. acceptance 20°

20-21.5° BRIX

1720 No premium; - 10% min. 19°

20-22° BRIX

1730 No premium; - 10% above or below

1745 No premium; - 10% min. 19.5°

Table 8 (Supplement)

BRIX ADJUSTMENT FACTORS (Cont'd)

20-22° BRIX (Cont'd)

1752 No premium, - 10% to 23°, - 20% to 24°, - 30%; - 5% to 20, - 15% to 19°, - 30%

1760 + or - 10%

20-23° BRIX

1840 No premium; - 10% above or below

20-25° BRIX

1856 No premium; - 10% above or below

20.5° BRIX

1875 + 2% per 1/10th degree to 21°, no change to 21.5°, above 21.5° base plus bonus reduced 2% per 1/10th degree to 22.5°, above 22.5° - 5% per 1/10th degree; - 2% per 1/10th degree to 20°, - 5% per 1/10th degree below 20°

1880 + or - 10% max. 23°, min. 18°

1881 + or - 10%

1882 + or - 10% max. 22.5°, min. 19.5°

1883 + 15% to 21.5°, no change to 21.9°, 22 to 23° bonus reduced 1.5% per 1/10th degree, - 6% per 1/10th degree loads above 23°, max. acceptance 23.5°; - 4% per 1/10th degree loads below 20.5°, min. acceptance 19.5°

1884 + 26.6% to 22°, no change to 22.4°, 22.5 to 23.5° bonus reduced 4% per 1/10th degree, - 6% per 1/10th degree loads above 23.5°, max. acceptance 24°; min. acceptance 20.5°

1885 + 30% to 21°, no change to 21.4°, 21.5 to 22° bonus reduced 3% per 1/10th degree, - 6% per 1/10th degree loads above 22°, max. acceptance 22.5°; - 4% per 1/10th degree loads below 20.5°, min. acceptance 19.5°

20.5-21° BRIX

1888 No premium, - 2% per 1/10th degree to 21.5°, - 1% per 1/10th degree to 22.5°, - 5% per 1/10th degree above 22.5°; - 2% per 1/10th degree to 20°, - 1% per 1/10th degree to 19°, - 5% per 1/10th degree below 19°

20.5-21.5° BRIX

1890 No premium, - 15% above 21.5°, max. acceptance 22.5°; - 15% below 20.5°, min. acceptance 19.5°

20.5-22.5° BRIX

* 1901 No premium; - 10% above or below, max. acceptance 25°, min. acceptance 19°

21° BRIX

1912 No premium; - 2%

* 1920 No premium; - 5% min. 18°

1930 No premium; - 5% to 20°, - 15% to 19°, - 30%

1952 No premium; - 7% min. 18°

1980 No premium; - 10%

1985 No premium; - 10% min. 16°

1987 No premium; - 10% min. 18°

1990 No premium; - 10% min. 19°

1995 No premium; - 10% min. 20°

2053 No premium, max. acceptance 23°; - 10% to 20°, - 15% min. 19°

2055 No premium, max. acceptance 23°; - 10% min. 19°

2059 No premium, max. acceptance 23°; - 10% to 20°, - 15% to 19°, - 25% min. 17.5°

2062 No premium, max. acceptance 23°; - 10% to 20°, - 20% min. 19°

2090 No premium, max. acceptance 25°; - 5% min. 19°

2095 No premium, max. acceptance 25°; - 10% min. 19°

2140 (+ 5% acid bonus at base Brix), + 5% max. 22°, (+ additional 5% acid bonus at 22°) no change to 23°, at 23.1° price reduced to base, - 10% to 24°, - 20% to 25°, - 30%; - 5% to 20°, - 15% to 19°, - 30%

* 2215 + flat 6% at 21°, + 2% at 22°, + 2% at 23°; - 5% min. 19°

* 2220 + 6% at 22°, + 2% at 23°; - 5% to 20°, - 3% min. 19°

2225 + or - 7% max. 23°, min. 19°

2235 + 7% max. 23°; - 10% to 20°, - 15% min. 19°

2320 + or - 10%

2330 + or - 10% min. 19°

2355 + or - 10% max. 22°

2358 + or - 10% max. 22°, min. 18°

2360 + or - 10% max. 22°, min. 19°

2380 + or - 10% max. 22°, min. 20°

2440 + or - 10% max. 23°, min. 19°

* 2515 + or - 10% max. 24°, min. 19°

2520 + or - 10% max. 24°, min. 20°

21° BRIX Cont'd

2540 + 10%; no penalty

2555 + 10%, min. acceptance 21°

2590 + 10% max. 22°, max. acceptance 23°; - 15% min. 20°

2610 + 10% to 22°, + 15% max. 23°; - 10% to 20°, - 15% min. 19°

2630 + 10% to 22°, + 15% max. 23°, (+ 15% quality bonus, + $25.00 hillside bonus); - 10% to 20°, - 15% min. 19°

2635 + 10% to 22°, + 15% max. 23°, (+ 10% quality bonus, + $35.00 hillside bonus); - 10% to 20°, - 15% min. 19°

2640 + 10% to 22°, + 15% max. 23°, (+ 15% quality bonus, + $35.00 hillside bonus); - 10% to 20°, - 15% min. 19°

2645 + 10% to 22°, + 15% max. 23°, (+ 30% quality bonus, + $25.00 hillside bonus); - 10% to 20°, - 15% min. 19°

2650 + 10% to 22°, + 15% max. 23°, (+ 15% quality bonus, + $25.00 hillside bonus); - 15% min. 19°

2653 + 10% to 22°, + 20% max. 23°; - 10% to 20°, - 20%

2657 + 10% to 22.5°, no change to 24°, - 40%; - 10% to 19°, - 40%

2658 + 10% to 22.5°, no change to 24°, - 40%; - 10% to 20°, - 40%

2668 + 10% max. 23°; no penalty

2680 + 10% max. 23°, min. acceptance 21°

2710 + 10% max. 23°, max. acceptance 25°, min. acceptance 21°

2750 + 10% max. 23°; - 15% min. 20°

2825 + 10% to 23°, 23.1° and above reduce base price plus bonus by 10%; - 10% min. 19°

2845 + 10% max. 24°, min. acceptance 22°

2960 + 10% max. 25°, min. acceptance 21°

3010 + 12.5% to 23°, no change to 23.4°, 23.5 to 24° bonus reduced 5% per 1/10th degree, - 6% per 1/10th degree loads above 24°, max. acceptance 24.5°; - 4% per 1/10th degree loads below 21°, min. acceptance 20.5°

3080 + or - 15% max.21.5°

3085 + or - 15% max. 22°

3090 + or - 15% max. 22°, min. 19°

3100 + 15% range 21-24°, no penalty, min. acceptance 20°

(Continued)

21° BRIX Cont'd

3140 + 15% max. 22°; - 10% min. 19°

3165 + 15% max. 22°; - 10% to 20°, - 20%

3440 + 20%; no penalty

3455 + 20% to 22.5°, no change to 24°, - 40%; - 20% to 20°, - 40%

3475 + 26.6% to 22.5°, no change to 22.9°, 23 to 24° bonus reduced 4% per 1/10th degree, - 6% per 1/10th degree loads above 24°, max. acceptance 24.5°; - 4% per 1/10th degree loads below 21°, min. acceptance 20°

3490 + or - flat $57.00 above or below, max. acceptance 23°, min. acceptance 20°

3495 + or - flat $42.50 above or below, max. acceptance 24°, min. acceptance 20°

21-22° BRIX

3750 No premium, (+ 5% acid bonus at base Brix), - 10% to 23°, - 20% to 24°, - 30%; - 5% to 20°, - 15% to 19°, - 30%

3790 + 15% max. 24°, max. acceptance 24.5°; min. acceptance 21°

21-22.5° BRIX

* 3795 No premium; - 10% above or below, max. acceptance 24°, min. acceptance 19°

3800 No premium; - 10% min. 20°

21-23° BRIX

3830 No premium; - 10% above 23°

3840 No premium; - 10% above or below

* 3845 No premium; - 10% above or below, max. acceptance 25°, min. acceptance 19°

3853 No premium, - 10% to 24°, - 20% to 25°, - 30%; - 5% to 20°, - 15% to 19°, - 30%

3854 No premium, (+ 5% acid bonus at base Brix), - 10% to 24°, - 20% to 25°, - 30%; - 5% to 20°, - 15% to 19°, - 30%

3856 + or - 10%

21-24° BRIX

3892 No premium, - 20% to 25°, - 30%; - 20% to 20°, - 30%

3893 No premium, (+ 5% acid bonus at base Brix), - 20% to 25°, - 30%; - 20% to 20°, - 30%

21-26° BRIX

3895 No premium; - 10% above or below

21.5° BRIX

3907 + or - 10%

3910 + or - 10% max. 23.5°, min. 19.5°

3925 + or - 15% max. 22.5°

3930 + or - 15% max. 23°

3935 + 15% to 23°, no change to 24°, loads above 24° at base price; - 15% to 20.5°, flat $300 to 19°, - 15% per degree below 19°

3947 + 25% flat bonus above 21.5°; no penalty

3950 + 26.6% to 23°, no change to 23.4°, 23.5-24.5° bonus reduced 4% per 1/10th degree, - 6% per 1/10th degree loads above 24.5°, max. acceptance 25°; - 4% per 1/10th degree loads below 21.5°, min. acceptance 20.5°

21.5-22° BRIX

3957 + 15% max. 24°, min. acceptance 21.5°

21.5-22.5° BRIX

3963 No premium, - 10% max. 23.5°; - 10% min. 20.5°

* 3965 No premium, - 15% above 22.5°, max. acceptance 23.5°; - 15% below 21.5°, min. acceptance 20.5°

21.5-23° BRIX

3981 No premium, - 10% above 23°, max. acceptance 24°; - 10% below 21.5°, min. acceptance 21.0°

21.5-23.5° BRIX

* 3982 No premium; - 10% above or below, max. acceptance 24°, min. acceptance 19°

* 3983 No premium; - 10% above or below, max. acceptance 24°, min. acceptance 20.5°

* 3984 No premium; - 10% above or below, max. acceptance 24°, min. acceptance 21°

* 3985 No premium; - 10% above or below, max. acceptance 25°, min. acceptance 19°

* 3986 No premium; - 10% above or below, max. acceptance 25°, min. acceptance 20°

(Continued)

22° BRIX

4100 No premium; - 5%

* 4103 No premium; - 5% min. 19°

* 4104 No premium; - 5% min. 20°

4106 No premium, max. acceptance 23°; - 10% to 20°, - 15% to 19°, - 25%

4107 No premium, max. acceptance 23°; - 15% min. 21°, min. acceptance 20°

4115 No premium; - 7% min. 19°

4120 No premium; - 10%

4133 No premium, max. acceptance 24°; - 10% to 21°, - 15% min. 20°

4140 No premium, max. acceptance 24°; - 10% to 21°, - 20% min. 20°

4160 No premium; - 10% min. 19°

4165 No premium; - 10% min. 20°

4170 No premium; - 10% min. 21°

4176 No premium, max. acceptance 24°; - 10% min. 21°, - 20% min. 20°

* 4177 No premium; - 15% min. 20°

4178 No premium, max. acceptance 24°; - 15% min. 21° min. acceptance 20°

4181 No premium, max. acceptance 25°; - 5% min. 19°

4182 No premium, max. acceptance 25°; - 10% min. 19°

4184 No premium, max. acceptance 25°; - 10% min. 20°

4185 No premium; - $33.75

4190 No premium; - $41.25

4195 No premium; - $45.00

4200 No premium; - $48.75

4205 No premium; - $56.25

4230 + 1.441% TO 23°, + 20% max. 24° compounded; - 10% min. 21°

4235 + 2% per 1/10th degree to 22.9°, range 23-23.5° 125% of base price, range 23.6-24.5 120% of base price - 2% per 1/10th degree to 24.5°, range 24.6-25° base price - 6% per 1/10th degree to 25°, above 25° 70% of base price - 10% per 1/10th degree; - 6% per 1/10th degree to 21.5°, - 10% per 1/10th degree below 21.5°

4240 +4% per 1/10th degree to 22.5°, no change to 23°, at 23° 120% of base price, - 4% per 1/10th degree to 24.5°, above 24.5° - 10% per 1/10th degree; - 4% per 1/10th degree to 21°, - 10% per 1/10th degree below 21°

22° BRIX (Cont'd)

4260 + or - 5% max. 24°, min. 21°

4264 + 5% to 23°, + 15% max. 24°, no change to 24.9°, at 25° price reduced to base, - 20% to 26°, - 30%; - 20% to 21°, - 30%

4265 (+ 5% acid bonus at base Brix), + 5% max. 23°, + 15% max. 24 °(+ additional 5% acid bonus at 24°), no change to 24.9°, at 25° price reduced to base, - 20% to 26°, - 30%; - 20% to 21°, - 30%

4280 + 5.486% to 23°, + 20% max. 24° compounded; - 10% min. 21°

4295 + or - 6.5% max. 30°, min. 10°

4315 + 7% max. 24°; - 10% to 21°, - 20% min. 20°

4385 + 7.866% to 23°, + 20% max. 24° compounded; - 10% min. 21°

4410 + or - 10%

4470 + or - 10% max. 23°

4477 + or - 10% max. 23°, min. 19°

4480 + or - 10% max. 23°, min. 20°

4490 + or - 10% max. 23°, min. 21°

4497 + or - 10% max. 23.5°, min. 19°

4505 + or - 10% max. 23.5°, min. 20.5° (+ quality bonus)

4510 + or - 10% max. 24°

4515 + or - 10% max. 24°, min. 18°

4520 + or - 10% max. 24°, min. 19°

4540 + or - 10% max. 24°, min. 20°

4541 + or - 10% max. 24°, min. 20° (+ 10% quality bonus)

4550 + or - 10% max. 24°, min. 21°

4557 + or - 10% max. 24.5°

4562 + or - 10%, max. 25°, min. 19°

4573 + or - 10% max. 25°, min. 21°

4579 + or - 10%, max. 30°, min. 10°

4580 + 10%, no penalty

4585 + 10%, min. acceptance 21°

4590 + 10% min. acceptance 22°

4600 (+ 5% acid bonus at base Brix), + 10% to 22.5°, + 15% max. 23.5° (+ 5% additional acid bonus at 23.5°), no change to 24.4°, at 24.5° price reduced to base, - 10% to 25.5°, -20% to 26.5°, - 30%; - 5% to 21°, - 15% to 20°, - 30%

22° BRIX (Cont'd)

4606 + 10% max. 23°, max. acceptance 24°; - 15% min. 21°, min. acceptance 20°

4660 + 10% to 23°, + 15% max. 24°; - 10% to 21°, - 15% min. 20°

4664 + 10% to 23°, + 15% max. 24°; - 10% to 21°, - 20% min. 20°

4670 + 10% to 23°, + 15% max. 24°, (+ 10% quality bonus, + $25.00 hillside bonus); - 10% to 21°, - 15% min. 20°

4675 + 10% to 23°, + 15% max. 24°, (+ 15% quality bonus, + $25.00 hillside bonus); - 10% to 21°, - 15% min. 20°

4680 + 10% to 23°, + 15% max. 24°, (+ 20% quality bonus, + $25.00 hillside bonus); - 10% to 21°, - 15% min. 20°

4690 + 10% to 23°, + 15% max. 24°, (+ 10% quality bonus, + $35.00 hillside bonus); - 10% to 21°, - 15% min. 20°

4695 + 10% to 23°, + 15% max. 24°, (+ 15% quality bonus, + $35.00 hillside bonus); - 10% to 21°, - 15% min. 20°

4700 + 10% to 23°, + 15% max. 24°, (+ 20% quality bonus, + $35.00 hillside bonus); - 10% to 21°, - 15% min. 20°

4707 + 10% to 23°, + 15% max. 24°, (+ 30% quality bonus, + $35.00 hillside bonus); - 10% to 21°, - 15% min. 20°

4715 + 10% to 23°, + 20% max. 24°; - 10% to 21°, - 20% to 20°, - 30%

4720 + 10% to 23.5°, 23.6° and above reduce base price plus bonus by 10%; - 10% min. 20°

4740 + 10% max. 24°, no penalty

4745 + 10% max. 24°, no penalty, min. acceptance 19°

4747 + 10% max. 24°, no penalty, min. acceptance 20°

4785 + 10% max. 24°, min. acceptance 22°

4790 + 10% max. 24°, max. acceptance 26°, min. acceptance 22°

4820 + 10% to 24°, 24.1° and above reduce base price plus bonus by 10%; - 10% min. 20°

4850 + 10% max. 25°, min. acceptance 22°

4878 + 13.3% max. 23.5°, max. acceptance 25°, min. acceptance 21°

4890 + or - 15%

4900 + or - 15% max. 23°

4904 + or - 15% max. 23°, min. 19°

(Continued)

22° BRIX (Cont'd)

4905 + or - 15% max. 23°, min. 20°

4910 + or - 15% max. 23°, min. 21°

4915 + or - 15% max. 23.5°

4925 + 15% range 22-23°, min. acceptance 22°

4930 + 15% to 23°, no change to 24°, over 24° at base price; - 15% below 22°

4958 + 15% max. 23°; - 15% min. 21°, min. acceptance 20°

4975 + 15% to 23°, no change to 24.5°, loads above 24.5° at base price; flat $375 loads averaging between 21.9-20°, - 15% to 19°, flat $225 below 19°

4978 + 15% to 23°, loads above 24° at base price, - 15%

5085 + 15% to 23°, + 25% max. 24°; min. acceptance 22°

5115 + 15% max. 24°, min. acceptance 22°

5170 + 20% to 23°, + 10% max. 24°, min. acceptance 22°

5175 + 20% to 23.5°, no change to 25°, - 40%; - 20% to 20°, - 40%

5195 + or - 20% max. 23.5°, min. 20.5°

5235 + 20% max. 26°, min. acceptance 22°

5290 + 26.6% to 23.5°, no change to 23.9°, 24 to 25° bonus reduced 4% per 1/10 degree, - 6% per 1/10th degree loads above 25°, max. acceptance 25.5°; - 4% per 1/10th degree loads below 22°, min. acceptance 21°

5293 + or - 30% max. 22.5°, min. 21°

5300 + or - flat $55.00 above or below, max. acceptance 24°, min. acceptance 20°

5305 + or - flat $75.00 above or below, max. acceptance 24°, min. acceptance 20°

22-22.4° BRIX

5570 + 10% range 22.5-23.5°; no penalty

22-22.7° BRIX

5590 22.8-24.5° range flat 15% bonus, min. acceptance 21°

22-23° BRIX

5595 No premium; - 10% above or below

6000 + 10% above 23°, min. acceptance 22°

22-23.5° BRIX

6020 No premium; - 10% min. 21°

Table 8 (Supplement)

BRIX ADJUSTMENT FACTORS (Cont'd)

22-24° BRIX

6050 No premium; - 10% above or below

6063 No premium; - 10% min. 19.5°

6067 No premium; - 10% min. 21°

6069 No premium; - 10% min. 21.5°

6073 No premium, - 15% max. 25°; - 15% min. 21.5°

6080 No premium, - 20% above 24°, max. acceptance 25°; - 20% below 22°, min. acceptance 21°

22-24.5° BRIX

6100 No premium; - 5% min. 21.5°

22-25° BRIX

6225 No premium, - 20% to 26°, - 30%; - 20% to 21°, - 30%

6227 No premium, (+ 5% acid bonus at base Brix), - 20% to 26°, -30%; - 20% to 21°, - 30%

22.5° BRIX

6905 No premium; - 10% min. 19°

7000 No premium, max. acceptance 25°; - 30% min. 20°

22.5° BRIX (Cont'd)

7180 + 15% range 22.6-24.0°, - 15% to 24.5°, - 30% max. acceptance 25°; - 15% to 21.5°, - 30% min. acceptance 21°

7190 + 15% max. 24.5°, min. acceptance 22.5°

7216 + 20% max. 24°, min. acceptance 22.5°

7225 + 30% max. 23.5°, min. acceptance 22.5°

22.5-24° BRIX

7295 No premium; - 10% above or below

7315 No premium; - 10% min. 21°

7323 No premium; - 15% max. 25°; - 15% min. 21.5°

23° BRIX

7400 No premium, - 25% above 23°

* 7423 + or - 10% max. 24°, min. 22°

7435 + or - 10% max. 25°, min. 20°

7465 + 10% to 25°, 25.1° and above reduce base price plus bonus by 10%; - 15% to 22°, below 22° flat $200

23° BRIX (Cont'd)

7467 + 10% to 25°, no change to 26.9°, at 27° price reduced to base, - 10% to 28°, - 20% to 29°, - 30%; - 5% to 22°, - 15% to 21°, - 30%

7505 + or - 20% max. 23.5°, min 22°

7510 + or - 20% max. 24°, min 22°

7535 + 20% max. 24°; - 10% min. 22°

23-24° BRIX

7570 No premium, - 2% per 1/10th degree to 25°, above 25° base reduced 20% - 5% per 1/10th degree; - 2% per 1/10th degree to 22°, below 22° base reduced 20% - 5% per 1/10th degree

24° BRIX

7725 (+ 5% acid bonus at base Brix) + 5% to 25°, + 15% to 26°, + 10% max. 28° (+ additional 5% acid bonus at 28°), at 28.1° price reduced to base, - 20% to 29°, - 30%; - 20% to 23°, - 30%

NOTE: Brix adjustment factors designated with an asterisk were added since release of the Preliminary Grape Crush Report, 1983 crop.