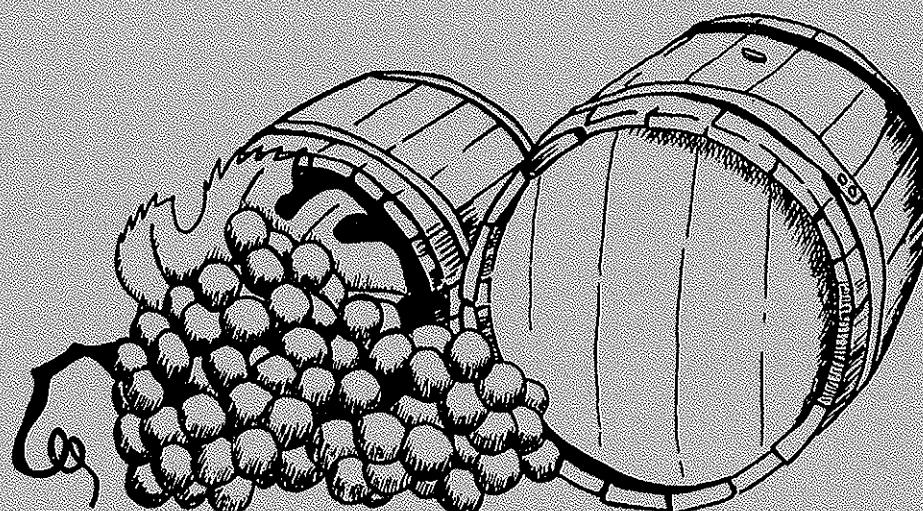


FINAL
GRAPE CRUSH REPORT
1977 CROP

MARCH 10, 1978



CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE
Sacramento, California

RICHARD E. ROMINGER, Director

DEFINITION OF DISTRICTS

NORTH COAST

1. Mendocino and Lake Counties
2. Sonoma and Marin Counties
3. Napa County
4. Solano County

CENTRAL COAST

5. Northern Section: Alameda, Contra Costa, San Mateo, Santa Clara and Santa Cruz Counties.
6. Southern Section: Monterey, San Benito, San Luis Obispo and Santa Barbara Counties.

CENTRAL VALLEY

7. Lodi Area: From the Eight Mile Road in San Joaquin County north including all of the grape producing counties in the Sacramento Valley and the Foothill Counties of Amador, Calaveras, El Dorado, Nevada and Placer.
8. Modesto Area: From the Eight Mile Road in San Joaquin County south including Merced, Tuolumne, and Stanislaus Counties.
9. Central San Joaquin Valley: Includes Madera and Fresno Counties; and Kings and Tulare Counties north of Nevada Avenue - Avenue 192.
10. Southern San Joaquin Valley: Includes Kings and Tulare Counties south of Nevada Avenue - Avenue 192; and all of Kern County.

SOUTHERN CALIFORNIA

11. Includes the counties of Los Angeles, Orange, Riverside, San Bernardino and San Diego.

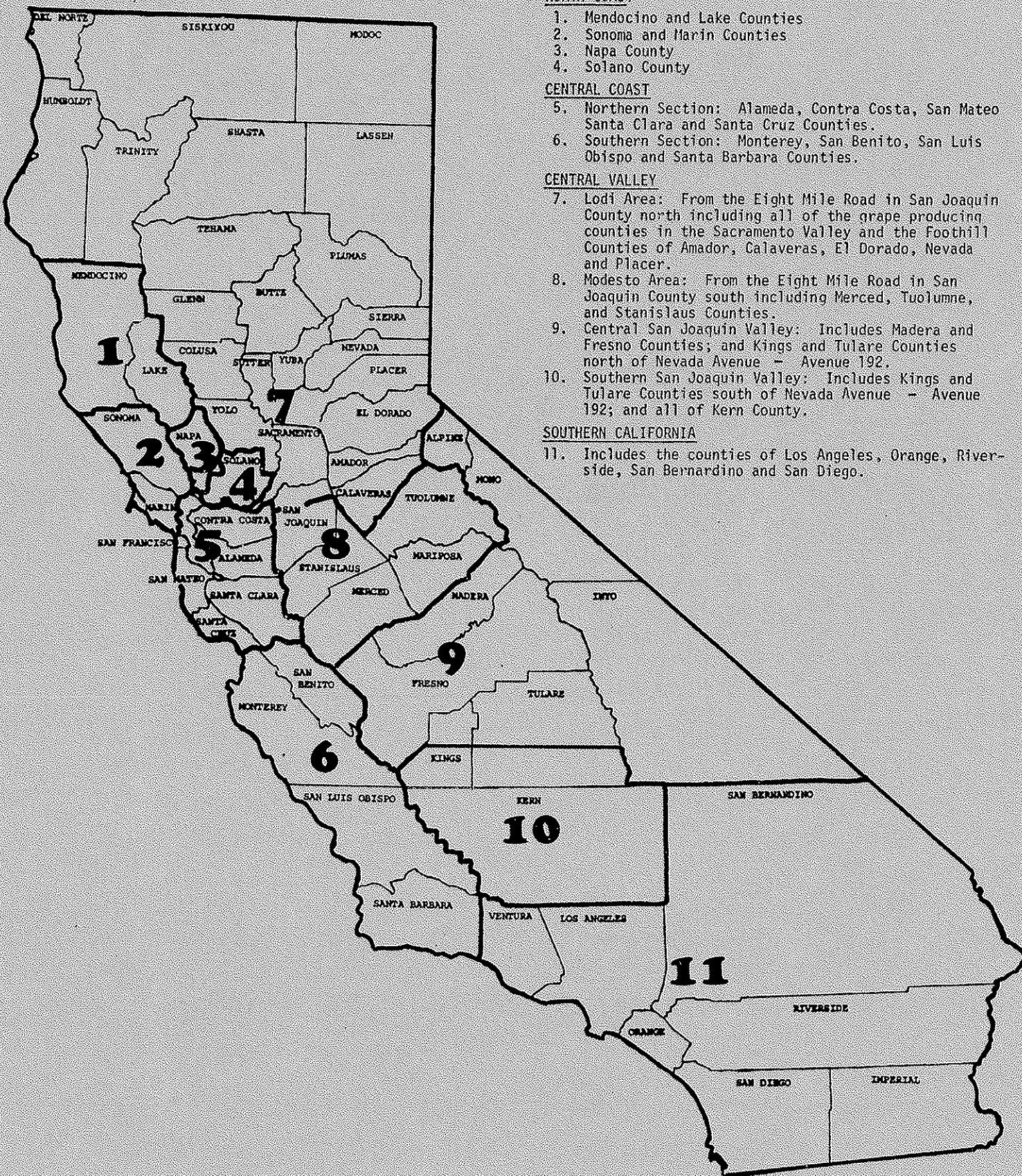


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Table 1: GRAPES FOR CRUSHING: Tons of grapes crushed by California wineries from the 1977 crop by type, variety, and reporting district where grown, with comparisons

Type and Variety	Tons										1977 State Total		1976 State Total	
	Mendocino and Lake		Sonoma and Marin	Napa	Solano	Central Coast		Lodi Area	Modesto Area	San Joaquin Valley		Southern California		
	Central	Northern	Southern	Central	Southern	Central	Southern	Central	Southern	Central	Southern	Southern	Total	Total
RAISIN GRAPES:														
Black Corinth (Zantes)	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Muscats	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sultanas	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Thompson Seedless	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mixed Raisin	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total Raisin	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TABLE GRAPES:														
Almeria	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Black Monukka	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Black Morocco	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Black Prince	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Blackrose	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Calmeria	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cardinal	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Cornichon	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Empereur	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Exotic	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Gold	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Golden Muscat	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Italia	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Olivette Blanche	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Perlette	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Queen	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Red Malaga	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Ribier	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Scarllet	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Superior Seedless	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Tokay	---	---	---	---	---	---	---	---	---	---	---	---	---	---
White Malaga	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mixed Table	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total Table	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MINE GRAPES: (White)														
Butfer	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Catarratto	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chardonnay	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Chenin Blanc	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Emerald Riesling	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Fehér Szagos	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Flora Blanche	---	---	---	---	---	---	---	---	---	---	---	---	---	---
French Colombar	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Gewürztraminer	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Gray Riesling	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Green Hungarian	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Grillo	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Helena	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Inzolia	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Malvasia Bianca	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Muscadelle du Bordelais	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Muscat Blanc	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Orange Muscat	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Palomino	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Pedro Ximenes	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Peverella	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Pinot Blanc	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Red Veitliner	---	---	---	---	---	---	---	---	---	---	---	---	---	---
St. Emilion (Ugni Blanc)	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sauvignon Blanc	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sauvignon Vert	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sémillon	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Servant (Verdall)	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Sylvaner	---	---	---	---	---	---	---	---	---	---	---	---	---	---
White Riesling	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Mixed White	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Total White	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 2: GRAPES FOR CRUSHING: Weighted average degrees brix for all grapes crushed by California wineries from the 1977 crop by type, variety, and reporting district where grown, with comparisons

Type and Variety	Degrees Brix										1976 State Total	
	Mendocino and Lake	Sonoma and Marin	Napa		Solano		Central Coast		San Joaquin Valley			Southern California
			Southern	Northern	Southern	Northern	Central	Southern				
RAISIN GRAPES:												
Black Corinth (Zantes)	---	---	---	---	---	---	---	---	---	---	---	---
Muscats	---	---	24.3	---	---	---	---	---	---	---	---	---
Sultanas	---	---	---	---	---	---	---	---	---	---	---	---
Thompson Seedless	---	---	---	---	---	---	---	---	---	---	---	---
Mixed Raisin	---	---	---	---	---	---	---	---	---	---	---	---
Total Raisin	---	---	24.3	---	---	---	---	---	---	---	---	---
TABLE GRAPES:												
Almeria	---	---	---	---	---	---	---	---	---	---	---	---
Black Monukka	---	---	---	---	---	---	---	---	---	---	---	---
Black Morocco	---	---	---	---	---	---	---	---	---	---	---	---
Black Prince	---	---	---	---	---	---	---	---	---	---	---	---
Blackrose	---	---	---	---	---	---	---	---	---	---	---	---
Calmeria	---	---	---	---	---	---	---	---	---	---	---	---
Cardinal	---	---	---	---	---	---	---	---	---	---	---	---
Cornichon	---	---	---	---	---	---	---	---	---	---	---	---
Emporer	---	---	---	---	---	---	---	---	---	---	---	---
Exotic	---	---	---	---	---	---	---	---	---	---	---	---
Gold	---	---	---	---	---	---	---	---	---	---	---	---
Golden Muscat	---	---	---	---	---	---	---	---	---	---	---	---
Italia	---	---	---	---	---	---	---	---	---	---	---	---
Olivette Blanche	---	---	---	---	---	---	---	---	---	---	---	---
Perlette	---	---	---	---	---	---	---	---	---	---	---	---
Queen	---	---	---	---	---	---	---	---	---	---	---	---
Red Malaga	---	---	---	---	---	---	---	---	---	---	---	---
Ribier	---	---	---	---	---	---	---	---	---	---	---	---
Scarlet	---	---	---	---	---	---	---	---	---	---	---	---
Superior Seedless	---	---	---	---	---	---	---	---	---	---	---	---
Tokay	---	---	---	---	---	---	---	---	---	---	---	---
White Malaga	---	---	---	---	---	---	---	---	---	---	---	---
Mixed Table	---	---	---	---	---	---	---	---	---	---	---	---
Total Table	---	---	---	---	---	---	---	---	---	---	---	---
WINE GRAPES: (White)												
Burger	---	19.6	20.7	---	---	---	---	---	---	---	---	---
Cataratto	---	---	---	---	---	---	---	---	---	---	---	---
Chardonnay	22.2	21.9	22.6	---	---	---	---	---	---	---	---	---
Chenin Blanc	20.1	20.5	21.2	---	---	---	---	---	---	---	---	---
Emerald Riesling	---	---	---	---	---	---	---	---	---	---	---	---
Fisher Szagos	---	---	---	---	---	---	---	---	---	---	---	---
Flora	21.0	21.7	21.5	---	---	---	---	---	---	---	---	---
Folie Blanche	---	---	---	---	---	---	---	---	---	---	---	---
French Colombar	20.1	20.1	20.4	---	---	---	---	---	---	---	---	---
Gewurztraminer	22.0	21.8	21.9	---	---	---	---	---	---	---	---	---
Gray Riesling	21.6	20.5	21.1	---	---	---	---	---	---	---	---	---
Green Hungarian	19.8	18.5	20.1	---	---	---	---	---	---	---	---	---
Grillo	---	---	---	---	---	---	---	---	---	---	---	---
Helena	---	---	---	---	---	---	---	---	---	---	---	---
Inzolia	---	---	---	---	---	---	---	---	---	---	---	---
Malvasia Bianca	---	---	20.6	---	---	---	---	---	---	---	---	---
Muscadelle du Bordelais	---	---	---	---	---	---	---	---	---	---	---	---
Muscat Blanc	---	21.5	23.5	---	---	---	---	---	---	---	---	---
Orange Muscat	---	---	---	---	---	---	---	---	---	---	---	---
Palomino	20.2	20.0	20.1	---	---	---	---	---	---	---	---	---
Pedro Ximenes	---	---	---	---	---	---	---	---	---	---	---	---
Peverella	---	---	---	---	---	---	---	---	---	---	---	---
Pinot Blanc	---	---	18.5	---	---	---	---	---	---	---	---	---
Red Veltliner	---	---	---	---	---	---	---	---	---	---	---	---
St. Emilion (Ugni Blanc)	---	---	---	---	---	---	---	---	---	---	---	---
Sauvignon Blanc	22.3	21.9	22.5	---	---	---	---	---	---	---	---	---
Sauvignon Vert	19.9	19.6	20.4	---	---	---	---	---	---	---	---	---
Semillon	20.9	20.3	21.0	---	---	---	---	---	---	---	---	---
Servant (Verdal)	---	---	---	---	---	---	---	---	---	---	---	---
Sylvaner	20.4	21.6	22.1	---	---	---	---	---	---	---	---	---
White Riesling	21.8	21.5	22.5	---	---	---	---	---	---	---	---	---
Mixed White	19.0	19.4	20.9	---	---	---	---	---	---	---	---	---
Total White	20.6	20.7	21.6	---	---	---	---	---	---	---	---	---

Type and Variety	Mendocino and Lake	Sonoma and Marin	Napa	Solano	Central Coast		Lodi Area	Modesto Area	San Joaquin Valley		Southern California	1977 State Total	1976 State Total
					Northern	Southern			Central	Southern			
Degrees Brix													
WINE GRAPES: (Black)													
Aleatico	22.7	21.0					20.8	19.1	22.3	23.0	21.8	22.2	21.2
Alicante Bouschet									20.3	23.9	20.8	20.7	21.4
Aramon	22.6	22.9	21.2				22.3	22.4		23.0		23.0	17.7
Barbera								24.9	22.4	22.0		22.3	22.5
Beclan				19.4			22.9	20.7	20.3	20.7		22.7	24.5
Black Malvoisie							18.0	18.8				18.7	21.7
Blaue Elbe			23.1									23.1	2/
Cabernet Franc	21.9	22.5	22.5	21.9			22.8	24.1	22.1	22.5	21.9	22.8	2/
Cabernet Sauvignon	21.1	21.9	21.7	21.4			22.5	21.4	21.6	22.0	20.8	21.7	22.4
Calizin							20.2	21.7	22.5	24.5		23.2	23.0
Carnelian									23.9	23.4		24.7	2/
Centurian									18.1			24.7	2/
Charbono	21.2		21.2				20.2					20.2	21.6
Early Burgundy	20.0	21.9	22.3	20.9			20.6	20.9	21.5	19.9	21.0	20.7	20.8
Gamay (Napa)	22.5	22.6	22.8	20.4			21.3			21.1	24.6	22.6	22.6
Gamay Beaujolais			20.1							19.8		20.1	21.0
Grand Noir	21.2	23.0	23.0				23.1	21.9	21.2	22.0	21.3	21.6	21.6
Grenache			22.3							21.4		21.6	19.6
Grignolino												1/	22.8
Lenoir								24.1	24.9			24.2	24.4
Malbec		21.1	21.8				22.4		22.2		21.9	22.0	22.7
Mataro	22.7	24.5	23.9				22.5		23.4			23.5	23.0
Merlot							23.9	23.6	22.8	22.7	22.5	23.0	23.8
Mission												21.6	2/
Muscato Hamburg								25.5	24.8	24.1		25.0	24.5
Nebbiolo										19.8		19.8	2/
Perele 101												23.0	2/
Petite Bouschet	21.0	21.3	22.2	22.2			23.2	22.2	23.2	22.3	22.1	22.3	22.5
Petite Sirah	22.3	22.4	22.7	24.2			22.3	19.1	23.9		19.1	22.8	23.1
Pinot Noir	24.0	23.0	21.9								19.1	22.2	21.3
Pinot St. George	20.3	22.1	20.9									21.0	21.1
Refosco/Mondeuse												22.5	23.0
Royalty										22.4	24.9	22.5	23.3
Rubired								21.0	22.4	21.8		22.3	23.0
Ruby Cabernet	22.0	22.0	21.5				21.3	22.5	22.6	20.8	20.8	21.5	22.1
St. Macaire							23.0	22.8	23.4	23.0	21.1	23.0	22.1
Salvador							20.1	23.0		20.6	19.6	21.5	20.7
Souzao								23.7	22.2	22.3	19.6	22.6	23.0
Tinta Madeira							21.1	22.0	22.2	21.7		22.0	23.3
Touriga									24.6			24.6	24.7
Valdepenas							23.0	22.4	23.1			22.4	22.6
Zinfandel	21.8	22.5	22.6	22.6			21.7	21.0	21.4	19.1	22.2	21.8	21.9
Mixed Black	17.6	22.8	22.1				18.9	21.8	22.0	20.7	22.3	21.5	22.0
Total Black	21.4	22.4	22.4	21.4			22.0	22.1	22.1	22.1	22.1	22.1	22.3
Total Wine	21.2	21.8	22.1	21.2			21.5	21.5	21.5	21.1	21.4	21.5	21.6
Total All Varieties	21.2	21.8	22.1	21.2			19.2	21.4	21.2	20.8	21.4	20.9	20.9

1/ Total reported tonnage for this variety was less than 25 tons for the 1977 crush.

2/ Total reported tonnage for this variety was less than 50 tons for the 1976 crush.

3/ Included in district and State totals but not shown to avoid disclosure of individual operations.

Table 3: GRAPES FOR CRUSHING: Tons of grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy, by California wineries from the 1977 crop by type, variety, and reporting district where grown, with comparisons

Type and Variety	Tons										1976 State Total	
	Mendocino and Lake	Sonoma and Marin	Napa	Solano	Central Coast		San Joaquin Valley		Southern California	1977 State Total		
					Northern	Southern	Central	Southern				
RAISIN GRAPES:												
Black Corinth (Zantes)	---	---	---	---	---	---	---	786.2	---	---	---	786.2
Muscats	---	---	39.7	46.1	---	---	---	15,791.7	8,307.5	---	---	24,258.4
Sultanas	---	---	---	---	---	---	---	1,429.4	128.2	---	---	1,557.6
Thompson Seedless	---	---	---	---	---	---	---	16,731.3	55,222.3	---	---	261,261.3
Mixed Raisin	---	---	---	---	---	---	---	---	---	---	---	1/
Total Raisin	---	---	39.7	46.1	---	---	---	16,760.1	63,658.0	---	---	291,173.2
TABLE GRAPES:												
Almeria	---	---	---	---	---	---	---	---	---	---	---	---
Black Monukka	---	---	---	---	---	---	---	79.4	399.8	---	---	479.2
Black Prince	---	---	---	---	---	---	---	33.0	226.4	---	---	259.4
Calmeria	---	---	---	---	---	---	---	---	---	452.6	---	452.6
Cardinal	---	---	---	---	---	---	---	2,352.6	1,146.0	---	---	3,498.6
Emporer	---	---	---	---	---	---	---	413.3	42.5	---	---	455.8
Exotic	---	---	---	---	---	---	---	10,213.9	9,993.5	---	---	20,207.4
Golden Muscat	---	---	---	---	---	---	---	---	66.6	---	---	66.6
Italia	---	---	---	---	---	---	---	598.7	---	---	---	605.7
Olivette Blanche	---	---	---	---	---	---	---	---	---	---	---	40.4
Perlette	---	---	---	---	---	---	---	---	---	---	---	40.4
Queen	---	---	---	---	---	---	---	121.1	1,297.3	---	---	1,297.3
Red Malaga	---	---	---	---	---	---	---	216.2	216.2	---	---	337.3
Ribier	---	---	---	---	---	---	---	212.1	108.3	---	---	450.2
Superior Seedless	---	---	---	---	---	---	---	2,496.3	8,858.1	---	---	11,392.0
Tokay	---	---	---	---	---	---	---	---	880.6	---	---	880.6
White Malaga	---	---	---	---	---	---	---	---	197.7	---	---	197.7
Mixed Table	---	---	---	---	---	---	---	119,310.2	6,722.1	---	---	119,554.0
Total Table	---	---	---	---	---	---	---	322.6	92.9	---	---	20,605.4
---	---	---	---	---	---	---	---	199.9	30,961.2	---	---	415.5
---	---	---	---	---	---	---	---	---	---	---	---	181,316.5
MINE GRAPES: (White)												
Burger	---	---	---	---	---	---	---	---	---	---	---	---
Cataratto	---	384.0	---	---	---	---	---	---	---	---	---	---
Chardonnay	463.5	2,357.6	3,315.8	---	---	---	---	---	---	---	---	9,216.0
Chenin Blanc	563.1	730.1	2,440.0	99.9	---	---	---	---	---	---	---	10,711.3
Emerald Riesling	---	---	---	---	---	---	---	---	---	---	---	77,103.3
Fehér Szagos	---	---	---	---	---	---	---	---	---	---	---	68,378.8
Flora	86.4	---	293.0	42.0	---	---	---	---	---	---	---	10,755.4
French Colombar	1,203.7	3,657.2	1,290.6	119.9	---	---	---	---	---	---	---	5,152.3
Gewürztraminer	---	625.5	506.3	---	---	---	---	---	---	---	---	810.6
Green Riesling	259.2	214.5	404.5	86.6	---	---	---	---	---	---	---	246.8
Grillo	363.3	165.2	289.7	---	---	---	---	---	---	---	---	139,489.5
Inzolia	---	---	---	---	---	---	---	---	---	---	---	932.2
Malvasia Bianca	---	---	33.9	---	---	---	---	---	---	---	---	2,436.7
Muscadelle du Bordelais	---	---	---	---	---	---	---	---	---	---	---	1,194.7
Muscat Blanc	---	---	---	---	---	---	---	---	---	---	---	317.5
Orange Muscat	---	74.4	95.3	---	---	---	---	---	---	---	---	144.8
Palomino	---	---	---	---	---	---	---	---	---	---	---	2,884.9
Pedro Ximenes	26.0	540.5	182.3	282.2	---	---	---	---	---	---	---	121.5
Peverella	---	---	---	---	---	---	---	---	---	---	---	93.7
Pinot Blanc	48.7	---	30.6	---	---	---	---	---	---	---	---	2,442.1
St. Emilion (Ugni Blanc)	---	---	---	---	---	---	---	---	---	---	---	105.1
Sauvignon Blanc	197.4	210.4	995.3	---	---	---	---	---	---	---	---	21,132.6
Sauvignon Vert	58.3	802.0	596.7	174.5	---	---	---	---	---	---	---	1,250.1
Sémillon	34.9	256.4	190.1	---	---	---	---	---	---	---	---	291.5
Sylvaner	459.2	62.6	374.6	---	---	---	---	---	---	---	---	1,622.2
White Riesling	---	764.0	1,968.8	---	---	---	---	---	---	---	---	8,412.1
Mixed White	---	81.8	103.5	---	---	---	---	---	---	---	---	5,926.3
Total White	3,794.1	10,939.9	13,589.4	836.8	2,415.5	24,875.8	22,404.0	70,386.7	111,743.0	69,871.8	4,984.5	335,841.5
---	---	---	---	---	---	---	---	---	---	---	---	283,590.4

Type and Variety	Mendocino and Lake	Sonoma and Marin	Napa	Solano	Central Coast		Lodi Area	Modesto Area	San Joaquin Valley		Southern California	1977 State Total	1976 State Total
					Northern	Southern			Central	Southern			
Tons													
WINE GRAPES: (Black)													
Aleatico	---	---	---	---	---	---	---	---	---	---	---	---	---
Alicante Bouschet	---	40.9	---	---	---	---	---	308.4	296.9	141.9	442.3	881.1	289.4
Aramon	---	---	---	---	---	---	---	---	2,913.8	114.9	440.1	3,862.8	2,251.4
Barbera	---	84.2	40.3	---	---	---	---	---	50,888.4	471.3	---	471.3	2/
Beclan	---	---	---	---	---	349.9	3,934.1	17,185.6	106.5	20,247.5	---	92,766.2	55,768.1
Black Malvoisie	---	---	---	---	---	---	377.4	128.3	856.9	225.9	---	460.7	274.6
Blaue Elbe	---	---	---	---	---	---	25.1	---	---	2,112.7	---	3,439.3	407.2
Cabernet Franc	---	---	70.3	---	---	---	---	---	---	---	---	25.1	2/
Cabernet Sauvignon	2,431.1	7,399.2	9,199.1	252.5	64.7	6,560.0	2,316.8	753.3	121.8	1,876.5	435.4	31,610.4	17,151.6
Calvin	---	---	---	---	---	---	---	---	---	---	---	---	2/
Carignane	1,742.8	2,326.3	625.2	334.1	152.2	678.2	13,212.8	31,808.5	44,353.8	16,399.1	139.9	111,772.9	89,291.9
Carmelian	---	---	---	---	---	33.0	132.2	198.0	5,221.8	429.5	---	6,015.5	1,591.6
Centurian	---	---	---	---	---	---	---	---	1,230.0	---	---	1,260.5	2/
Charbono	---	---	---	---	---	---	---	---	71.4	---	---	109.1	2/
Early Burgundy	39.3	412.0	312.9	195.5	---	313.6	54.5	---	522.3	---	---	1,327.8	517.2
Gamay (Napa)	431.6	986.0	2,774.9	723.9	---	1,986.8	2,169.3	683.1	---	3/	---	11,287.4	6,621.4
Gamay Beaujolais	609.7	636.8	450.0	---	65.5	2,251.4	31.0	---	---	---	---	4,465.5	2,906.7
Grand Noir	---	---	66.0	---	---	---	---	---	---	---	---	33.5	75.1
Grenache	192.8	42.7	95.0	---	37.7	336.0	442.9	25,601.6	55,477.1	14,926.5	3,848.5	101,000.8	96,479.3
Lenoir	---	---	---	---	---	---	---	---	---	---	---	---	90.5
Malbec	---	---	---	---	---	---	---	337.3	---	---	---	345.5	622.1
Nataro	---	---	31.2	---	---	---	115.2	---	330.8	---	---	2,207.9	1,538.7
Merlot	67.5	546.1	783.5	---	---	570.3	407.0	---	105.3	---	---	2,379.7	1,664.0
Mission	---	---	---	---	---	---	---	---	7,199.0	---	---	20,328.9	15,377.3
Nebbiolo	---	---	---	---	---	---	163.5	---	4,432.8	1,854.3	6,862.4	---	---
Petite Sirah	583.2	979.2	2,134.4	659.6	53.3	4,030.3	6,820.8	1,401.8	567.9	575.1	445.1	2,544.8	1,738.7
Pinot Noir	295.5	4,037.3	4,033.7	125.3	29.7	3,263.3	7,390.9	5,753.3	7,390.9	8,243.1	37,093.2	37,093.2	20,780.2
Pinot St. George	30.8	91.7	---	---	---	549.0	---	---	79.6	---	---	11,870.3	5,579.3
Refosco/Mondeuse	36.5	47.1	139.3	---	---	---	---	---	---	---	39.8	711.3	205.9
Royalty	---	---	---	---	---	---	---	---	---	---	---	222.9	318.4
Rubired	---	---	---	---	---	84.3	54.0	1,274.4	6,631.2	1,140.7	454.5	9,641.2	7,683.9
Ruby Cabernet	---	---	---	---	---	---	---	5,127.2	28,364.4	17,094.5	110.2	50,696.3	31,202.2
St. Macaire	124.9	64.2	100.7	---	---	971.5	1,217.5	19,656.3	40,017.5	14,800.4	---	76,953.0	60,861.8
Salvador	---	---	---	---	---	---	74.5	570.1	---	---	---	644.6	348.9
Souzao	---	---	---	---	---	---	---	50.5	3,112.2	2,936.4	134.1	6,233.2	7,263.4
Tinta Madeira	---	---	---	---	---	---	---	269.9	302.8	455.2	---	1,023.9	221.4
Touriga	---	---	---	---	---	37.2	---	1,651.7	2,574.2	495.4	---	4,758.5	3,387.3
Valdepenas	---	---	---	---	---	---	---	---	300.4	---	---	309.4	2/
Zinfandel	1,245.7	5,443.6	1,985.1	3/	507.4	5,478.3	55.0	6,121.4	1,272.2	1,100.1	---	8,560.4	7,880.2
Mixed Black	265.7	667.9	210.9	---	76.1	---	33,420.0	7,728.4	695.5	3/	3,056.9	59,317.7	42,864.5
Total Black	8,123.1	23,891.3	23,123.5	2,389.9	1,053.4	27,589.2	65,249.1	131,305.8	261,105.5	107,358.3	19,493.4	670,682.5	469,089.4
Total Wine	11,917.2	34,831.2	36,712.9	3,226.7	3,468.9	52,465.0	87,653.1	201,692.5	372,848.5	177,230.1	24,477.9	1,006,524.0	752,679.8
Total All Varieties	11,917.2	34,843.0	36,752.6	3,272.8	3,468.9	52,465.0	206,985.4	218,652.5	614,434.4	271,162.4	25,068.5	1,479,012.7	1,206,657.6

1/ Total reported tonnage for this variety was less than 25 tons for the 1977 crush.

2/ Total reported tonnage for this variety was less than 50 tons for the 1976 crush.

3/ Included in district and State totals but not shown to avoid disclosure of individual operations.

Table 4: GRAPES FOR CRUSHING: Weighted average degrees brix for all grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy, by California wineries from the 1977 crop. By type, variety, and reporting district where grown, with comparisons

Type and Variety	Degrees Brix												1976 State Total	
	Mendocino and Lake		Sonoma and Marin		Napa		Solano		Central Coast		San Joaquin Valley			Southern California
RAISIN GRAPES:														
Black Corinth (Zantes)														
Muscats														
Sultanas														
Thompson Seedless														
Mixed Raisin														
Total Raisin														
TABLE GRAPES:														
Almeria														
Black Monukka														
Black Prince														
Calmeria														
Cardinal														
Emperor														
Exotic														
Golden Muscat														
Italia														
Clivette Blanche														
Perlette														
Queen														
Red Malaga														
Ribier														
Superior Seedless														
Tokay														
White Malaga														
Mixed Table														
Total Table														
WINE GRAPES: (White)														
Burger														
Catarratto														
Chardonnay														
Chenin Blanc														
Emerald Riesling														
Fehér Szagos														
Flora														
French Colombard														
Gedüstraminer														
Gray Riesling														
Green Hungarian														
Grillo														
Inzolia														
Malvasia Bianca														
Muscadelle du Pordelais														
Muscat Blanc														
Orange Muscat														
Palomino														
Pedro Xiances														
Peverella														
Pinot Blanc														
St. Emilion (Ugni Blanc)														
Sauvignon Blanc														
Sauvignon Vert														
Sémillon														
Sylvaner														
White Riesling														
Mixed White														
Total White														

Type and Variety	Mendocino and Lake	Sonoma and Marin	Napa	Solano	Central Coast		Lodi Area	Modesto Area	San Joaquin Valley		Southern California	1977 State Total	1976 State Total
					Northern	Southern			Central	Southern			
WINE GRAPES: (Black)													
Aleatico													
Alicante Bouschet		21.6						18.6	22.3	23.0	21.8	22.2	20.8
Aramon		22.7							20.3	23.2	20.8	20.4	21.2
Barbera		21.3								21.5		21.5	21.5
Beclan								22.1	22.4	22.0		22.2	22.5
Black Malvoisie								24.9	21.1	22.3		22.7	23.7
Blaue Elbe				19.1					19.8	21.4		21.2	21.4
Cabernet Franc		23.3										18.0	21.4
Cabernet Sauvignon	22.2	22.4	22.5	21.8				24.7	21.6	21.6	22.1	22.6	23.1
Calizin													21.4
Carignane	21.4	22.0	21.9	21.5				21.7	21.9	21.9	20.9	21.9	22.3
Carnelian								20.3	22.2	26.1		22.4	23.8
Centurian								20.4	23.9			23.8	21.4
Charbono									18.1			19.1	21.4
Early Burgundy	20.4	22.1	22.3	20.7								21.8	22.4
Gamay (Napa)	20.1	20.2	21.1	20.4				19.9	21.5	3/		20.8	20.9
Gamay Beaujolais	22.6	22.7	22.8					20.6	21.5	3/	24.6	22.7	22.7
Grand Noir			20.4									20.6	22.3
Grenache	21.2	23.0	23.1					21.8	21.0	22.2	21.4	21.4	22.4
Lenoir												1/	22.4
Malbec								23.8				23.7	24.0
Naturo		21.0	21.8						22.2		22.0	22.0	22.8
Merlot	23.4	24.5	23.7						23.4			23.6	23.7
Mission									23.9	23.4	22.6	22.8	23.3
Nebbiolo										24.1		25.0	25.0
Petite Sirah	21.0	21.3	22.4	22.3				21.0	24.8	24.1		22.4	22.9
Pinot Noir	22.6	22.4	22.5	24.2				22.3	23.7	22.3	22.1	22.7	23.2
Pinot St. George	23.9	23.7							25.4			22.4	22.9
Refosco/Mondeuse	20.5	21.1	21.1								19.1	21.0	21.5
Royalty												21.0	21.5
Rubired									22.7	22.7	24.9	22.7	23.5
Ruby Cabernet								22.6	22.7	22.2	21.0	22.5	23.6
St. Macaire	22.0	21.9	21.4					22.8	23.2	23.3		23.1	22.2
Salvador												23.2	22.2
Souzao								22.5	21.9	21.1	18.9	21.4	20.8
Tinta Madeira								23.7	22.3	22.3		22.7	23.0
Touriga								22.0	22.4	21.7		22.2	23.7
Valdepenas									25.0			25.0	2/
Zinfandel	21.4	22.6	22.7	3/				23.3	22.3	23.4		23.2	23.0
Mixed Black	17.5	22.6	22.5					20.9	21.3	3/	22.3	22.0	22.1
Total Black	21.6	22.3	22.3	21.4				21.4	22.5	20.6	22.4	21.8	21.7
								22.1	22.2	22.3	22.2	22.2	22.3
Total Wine	21.4	21.8	22.1	21.2				21.4	21.6	21.1	21.6	21.5	21.5
Total All Varieties	21.4	21.8	22.1	21.1				21.4	21.2	20.8	21.6	20.9	20.9

1/ Total reported tonnage for this variety was less than 25 tons for the 1977 crush.

2/ Total reported tonnage for this variety was less than 50 tons for the 1976 crush.

3/ Included in district and State totals but not shown to avoid disclosure of individual operations.

Table 5: GRAPES FOR CRUSHING: Weighted average grower returns per ton delivered basis purchased for wine, concentrate, juice, vinegar, and beverage brandy by California wineries from the 1977 crop by type, variety, and reporting district where grown, with comparisons

Type and Variety	Dollars										1976 State Total	
	Mendocino and Lake		Sonoma and Marin		Napa		Solano		Central Coast			Southern California
									Northern	Southern		
RAISIN GRAPES:												
Black Corinth (Zantes)												
Muscats												
Sultanas												
Thompson Seedless												
Mixed Raisin												
Total Raisin												
TABLE GRAPES:												
Almeria												
Black Monukka												
Black Prince												
Calmeria												
Cardinal												
Emperor												
Exotic												
Golden Muscat												
Italia												
Olivette Blanche												
Perlette												
Queen												
Red Malaga												
Ribier												
Superior Seedless												
Tokay												
White Malaga												
Mixed Table												
Total Table												
MINE GRAPES: (White)												
Burgen												
Catarratto												
Chardonnay												
Chenin Blanc												
Emerald Riesling												
Feber Szagos												
Flora												
French Co-Lombard												
Gewürztraminer												
Gray Riesling												
Green Hungarian												
Grillo												
Inzolia												
Malvasia Bianca												
Muscadelle du Bordelais												
Muscat Blanc												
Orange Muscat												
Palomino												
Pedro Ximenes												
Pevelia												
Pinot Blanc												
St. Emilion (Ugni Blanc)												
Sauvignon Blanc												
Sauvignon Vert												
Sémillon												
Sylvaner												
White Riesling												
Mixed White												
Total White												

Type and Variety	Mendocino and Lake										Dollars										1976 State Total	
	Mendocino and Lake		Sonoma and Marin		Napa		Solano		Central Coast		Lodi Area		Modesto Area		San Joaquin Valley		Southern California		1977 State Total			
									Northern	Southern					Central	Southern						
WINE GRAPES: (Black)																						
Aleatico																						
Aramon																						
Barbera																						
Beclan																						
Black Malvoisie																						
Blaue Elbe																						
Cabernet Franc																						
Cabernet Sauvignon																						
Caizin																						
Carignane																						
Carrelian																						
Centurian																						
Charbono																						
Early Burgundy																						
Gamay (Napa)																						
Gamay Beaujolais																						
Grand Noir																						
Grenache																						
Lenoir																						
Malbec																						
Malvaro																						
Merlot																						
Mission																						
Nebbiolo																						
Petite Sirah																						
Pinot Noir																						
Pinot St. George																						
Refosco/Mondeuse																						
Royalty																						
Rubired																						
Ruby Cabernet																						
St. Macaire																						
Salvador																						
Souzao																						
Tinta Madeira																						
Touriga																						
Valdepenas																						
Zinfandel																						
Mixed Black																						
Total Black																						
Total Wine																						
Total All Varieties																						

1/ Total reported tonnage for this variety was less than 25 tons for the 1977 crush.

2/ Total reported tonnage for this variety was less than 50 tons for the 1976 crush.

3/ Included in district and State totals but not shown to avoid disclosure of individual operations.

Table 6: Tons of grapes purchased by California wineries for distilling material other than beverage brandy from the 1976 and 1977 crops by type, and variety

Type and Variety	Net Weight Distilled (tons)		Average Degrees Brix Distilling		Average Price Per Ton (dollars)	
	1977	1976	1977	1976	1977	1976
RAISIN GRAPES:						
Muscats	59.1	880.3	20.0	21.3	50.07	46.92
Sultanas	177.3	2/	20.2	2/	45.00	2/
Thompson Seedless	5,805.0	3,696.6	17.3	20.0	18.44	53.93
Total Raisin	8,670.1	12,659.8	18.7	19.4	27.84	52.49
TABLE GRAPES:						
Black Morocco	1/	132.7	1/	20.0	1/	55.00
Cardinal	190.7	79.9	15.1	22.6	28.00	53.62
Emperor	48.9	2/	18.5	2/	46.25	2/
Ribier	54.3	2/	18.3	2/	41.31	2/
White Malaga	1/	162.7	1/	19.8	1/	50.80
Mixed Table	1/	790.7	1/	17.9	1/	53.83
Total Table	375.1	1,621.8	17.1	18.5	37.99	44.41
WINE GRAPES: (White)						
Chenin Blanc	74.1	201.7	21.1	21.4	77.45	54.94
Emerald Riesling	1/	208.7	1/	16.9	1/	55.62
French Colombar	82.3	1,220.5	20.1	21.9	80.98	58.97
Palomino	1/	202.1	1/	23.0	1/	57.94
St. Émilion	1/	199.0	1/	20.7	1/	45.00
Mixed White	56.6	104.0	17.9	20.9	69.53	58.74
Total White	251.1	2,136.0	19.2	21.3	71.03	56.85
WINE GRAPES: (Black)						
Aleatico	1/	96.6	1/	23.1	1/	55.00
Alicante Bouschet	1/	99.6	1/	17.6	1/	36.16
Aramon	1/	152.2	1/	19.5	1/	55.00
Barbera	265.9	11,106.1	23.6	23.5	85.00	58.92
Black Malvoisie	28.7	132.3	23.0	21.6	57.50	50.01
Carignane	154.2	7,129.5	23.5	23.3	80.43	60.50
Gamay (Napa)	45.2	78.0	19.8	22.6	75.00	55.00
Gamay Beaujolais	81.5	2/	21.1	2/	43.00	2/
Grenache	424.5	2,252.9	21.4	23.9	85.00	58.02
Mataro	162.3	2/	21.9	2/	100.00	2/
Mission	669.9	346.4	22.1	26.8	100.00	61.90
Nebbiolo	1/	92.1	1/	22.2	1/	55.00
Petite Sirah	26.4	722.7	17.4	20.8	43.50	56.88
Royalty	125.8	129.9	20.9	24.5	85.00	60.00
Rubired	47.0	516.0	19.0	25.7	64.88	56.80
Ruby Cabernet	395.3	515.9	23.1	23.2	84.20	55.75
Salvador	145.1	87.5	24.0	24.1	85.00	62.98
Valdepeñas	26.7	279.6	24.2	22.4	85.00	60.00
Zinfandel	218.6	530.5	22.1	21.4	82.88	55.05
Mixed Black	48.6	228.2	19.3	21.6	79.65	51.33
Total Black	2,888.6	24,556.0	22.2	23.3	86.06	58.82
Total Wine	3,139.7	26,692.0	21.9	23.2	84.86	58.65
Total All Varieties	12,184.9	40,973.6	19.5	21.8	42.84	56.19

1/ Total reported tonnage for this variety was less than 25 tons for the 1977 crush.

2/ Total reported tonnage for this variety was less than 50 tons for the 1976 crush.

TABLE 7. (Cont'd)

NAPA COUNTY (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	a/	Percent		Dollars Per Ton	a/	Percent		Dollars Per Ton	a/	Percent		Dollars Per Ton	a/	Percent
Malvasia Bianca	400.00	155	100	Sauvignon Blanc	550.00	003	1	Semillon	275.00	001	001	White Riesling	619.66	185	1
Muscad Blanc	476.40	166	97	(Cont'd)	550.00	155	4		400.00	001	b/	(Cont'd)	620.00	225	1
	600.00	525	3		550.00	259	2		400.00	155	88		624.69	196	11
Palomino	275.00	001	1		600.00	007	b/		400.00	269	8		625.00	001	5
	275.00	155	63		618.00	001	1		500.00	017	3		625.00	177	5
	275.00	177	3		618.00	007	b/			001	2		625.00	259	1
	275.00	238	12		620.00	001	b/			155	83		641.11	195	1
	302.50	001	21		700.00	001	b/			177	15		660.00	001	3
Pinot Blanc	600.00	001	100	Sauvignon Vert	275.00	177	4	White Riesling	500.00	001	1		662.50	167	b/
	450.00	001	b/		275.00	216	2		500.00	281	1		662.50	256	2
Sauvignon Blanc	524.90	017	1		275.00	238	2		525.00	001	7		700.00	001	4
	525.00	177	5		286.38	186	9		525.00	269	22		700.00	238	4
	540.40	166	5		300.00	155	75		540.00	270	3		700.00	330	4
	544.00	363	78		300.00	177	8		550.00	001	1		750.00	500	b/
									582.77	193	2		756.00	001	2
									600.00	155	13		931.50	001	1

SOLANO COUNTY

Muscats	225.00	151	100	Early Burgundy	350.00	368	18	Pinot Noir	300.00	339	68	Gray Riesling	350.00	151	30
Black Malvoisie	250.00	339	100	(Cont'd)					355.00	339	32		475.00	001	3
Cabernet	425.00	339	24	Gamay (Napa)	100.00	001	6	Zinfandel	375.00	339	50	Palomino	100.00	001	9
Sauvignon	500.00	339	76		300.00	001	5		400.00	001	9		225.00	151	13
					400.00	244	39	Chenin Blanc	400.00	339	41		275.00	244	78
Carignane	200.00	339	49		400.00	339	35		350.00	151	100	Sauvignon Vert	225.00	151	44
	250.00	339	48		464.00	552	8	Flora	400.00	651	100		300.00	156	27
	275.00	446	3	Petite Sirah	375.00	339	57	French Colombar	250.00	151	37		300.00	244	29
Early Burgundy	300.00	339	63		400.00	001	b/		317.00	652	57				
	350.00	339	19		425.00	368	29		325.00	244	6				

CENTRAL COAST, NORTHERN SECTION

Cabernet	325.00	001	36	Gamay Beaujolais	400.00	001	100	Zinfandel	400.00	339	78	Green Hungarian	375.00	001	100
Sauvignon	350.00	001	22					(Cont'd)	425.00	001	1		400.00	001	b/
	375.00	001	3	Grenache	125.00	001	53		450.00	001	2	Pinot Blanc	500.00	001	38
	400.00	001	7		225.00	001	47		500.00	001	1		550.00	001	62
	425.00	001	10	Petite Sirah	275.00	001	52	Chardonnay	550.00	001	2				
	500.00	001	3		350.00	001	36		700.00	001	97	Sauvignon Blanc	475.00	001	96
	500.00	330	5		400.00	001	1		840.00	001	1		500.00	001	2
	500.00	350	1		500.00	001	11		900.00	001	1		550.00	001	2
	600.00	001	9						1,800.00	001	1				
	700.00	001	2	Pinot Noir	200.00	001	13	Chenin Blanc	475.00	001	100	Sauvignon Vert	172.00	001	23
	850.00	326	2		350.00	001	87		600.00	001	b/		247.00	001	77
Carignane	85.00	001	2	Zinfandel	200.00	001	3	French Colombar	200.00	001	3	Semillon	300.00	001	6
	116.00	001	37		280.00	001	5		275.00	001	7		325.00	001	1
	200.00	001	6		300.00	001	b/		325.00	001	90		350.00	001	12
	225.00	001	25		300.00	330	3	Gray Riesling	495.00	001	100		360.00	001	b/
	250.00	001	8		400.00	001	2						400.00	001	80
	250.00	339	22		400.00	331	b/						450.00	001	100

(Continued)

TABLE 7. (Cont'd)

MODESTO AREA										
Variety	Dollars Per Ton	Code a/	Brix Factors	Percent of Variety	Variety	Dollars Per Ton	Code a/	Brix Factors	Percent of Variety	Percent of Variety
Muscats	120.00	001	001	76	Grenache	100.00	001	001	1	3
	165.00	001	001	24		140.00	001	001	6	
Thompson Seedless	100.00	001	001	100	Ruby Cabernet (Cont'd)	140.00	301	301	2	6
White Malaga	100.00	001	001	100		140.00	311	311	2	
Red Malaga	100.00	001	001	100	St. Macaire	140.00	335	335	70	2
Ribier	100.00	001	001	100		110.00	301	301	11	13
Alicante Bouschet	100.00	001	001	90	Salvador	110.00	380	380	89	
	100.00	301	301	10		100.00	001	001	26	b/
Barbera	100.00	001	001	1	Mission	100.00	001	001	74	10
	115.00	001	001	23		115.00	001	001	47	15
	133.63	434	435	4	Souzao	125.00	335	339	53	75
	133.63	435		1		125.00	339			b/
	140.00	001	001	3	Tinta Madeira	140.00	335		100	96
	140.00	301	335	6		140.00	335			4
	140.00	335		62	Valdepenas	75.00	001	001	3	100
Beclian	140.00	335		100		100.00	001	001	18	100
Cabernet Sauvignon	115.00	001	001	39	Petite Sirah	100.00	001	001	1	5
	133.55	430	335	17		115.00	001	001	28	95
	150.00	335		44	Nebbiolo	115.00	001	001	46	100
Carignane	100.00	001	001	7		140.00	335		54	
	100.00	379	001	b/	Rubired	100.00	001	001	21	
	110.00	001	001	25		100.00	300	300	67	100
	110.00	301	301	30	Royalty	100.00	202	001	76	
	110.00	310	380	1		125.00	001	001	19	
	110.00	380	001	35	Rubired	100.00	001	001	21	
	115.50	001	001	1		110.00	001	001	7	1
	135.00	001	001	1	Ruby Cabernet	100.00	001	001	9	100
Gamay (Napa)	150.00	335		100		115.00	001	001	8	
						125.00	001	001	b/	

CENTRAL SAN JOAQUIN VALLEY										
Variety	Dollars Per Ton	Code a/	Brix Factors	Percent of Variety	Variety	Dollars Per Ton	Code a/	Brix Factors	Percent of Variety	Percent of Variety
Black Corinth (Zantes)	90.00	001	001	37	Muscats (Cont'd)	140.00	001	001	9	1
	100.00	001	140	41		140.00	392	001	1	b/
	100.00	140		22	Soltanas	100.00	001	001	97	b/
Muscats	2.50	009	001	b/		100.00	143		3	b/
	100.00	001	140	1	Thompson Seedless	3.50	009	009	b/	36
	100.00	140		6		4.00	009	009	b/	63
	115.00	001	001	45		78.75	014	014	b/	47
	120.00	001	140	4		95.00	001	001	1	53
	120.00	140		1	Almeria	85.84	050	050	001	62
	121.83	001	001	7		100.50	001	001	050	38
	122.50	001	001	1	Black Monukka	84.22	050	050	001	
	123.00	015	001	26		100.00	001	001	050	
	125.00	001	001			102.50	001	001	050	
Black Corinth (Zantes)	90.00	001	001	37	Calmeria	3.50	009	009	009	4
	100.00	001	140	41		4.00	009	009	009	10
	100.00	140		22		93.52	050	050	001	5
Muscats	2.50	009	001	b/		95.00	001	001	001	70
	100.00	001	140	1		100.00	001	001	001	10
	100.00	140		6	Cardinal	2.50	009	009	009	4
	115.00	001	001	45		3.50	009	009	009	10
	120.00	001	140	4		4.00	009	009	009	5
	120.00	140		1		80.00	001	001	001	71
	121.83	001	001	7		86.62	050	050	001	4
	122.50	001	001	1		95.00	001	001	001	6
	123.00	015	001	26		100.00	001	001	001	
	125.00	001	001			125.00	016	016	016	100

(Continued)

TABLE 7. (Cont'd)

CENTRAL SAN JOAQUIN VALLEY (Cont'd)

Variety	Base Price Dollars Per Ton	Brix Factors	Percent of Variety	Variety	Base Price Dollars Per Ton	Brix Factors	Percent of Variety	Variety	Base Price Dollars Per Ton	Brix Factors	Percent of Variety	Variety	Base Price Dollars Per Ton	Brix Factors	Percent of Variety
Emperor	4.00	009	2	Barbera	85.00	001	b/	Nebbiolo	78.00	001	5	Burter	120.00	001	100
	5.00	009	4		100.00	001	11		100.00	001	95	Chardonnay	180.00	001	7
	80.00	001	4		109.27	001	1		100.00	001	8		250.00	225	21
	90.85	050	14		115.00	001	22	Petite Sirah	100.00	001	21		400.00	001	72
	100.00	001	49		115.00	301	b/		115.00	306	32	Chenin Blanc	150.00	001	4
	100.00	001	16		115.00	306	64		115.00	311	b/		160.00	001	31
	100.50	001	8		140.00	301	b/		125.00	001	4		160.00	005	1
	105.00	001	3		275.00	148	1		133.00	001	34		160.00	112	57
Italia	3.00	009	1	Beclan	115.00	001	100		85.00	001	37		185.00	001	2
	3.50	009	2	Black Malvoisie	85.00	001	5		140.00	001	63		190.00	143	1
	79.33	001	27		100.00	001	59		85.00	001	7		250.00	001	b/
	95.00	001	21		100.00	381	36	Royalty	100.00	001	81		275.00	148	2
	100.00	001	38		100.00	001	11		100.00	141	11		312.00	001	1
	115.00	001	11	Cabernet Sauvignon	100.00	001	37		100.00	311	b/		142.67	001	56
White Malaga	3.50	009	b/		150.00	001	63	Rubired	85.00	001	b/		145.00	001	31
	89.87	050	b/		80.00	009	b/		100.00	001	15		145.00	150	11
	100.00	001	96	Carignane	2.50	001	3		100.00	001	81		165.00	001	2
	100.00	202	b/		85.00	001	2		100.00	300	3		100.00	001	100
	110.00	001	3		88.19	050	b/		105.00	001	1				
	113.75	001	1		90.00	001	b/		100.00	001	31				
Queen	2.50	009	28		95.00	001	48	Ruby Cabernet	100.00	001	21				
	3.50	009	38		100.00	201	b/		107.69	001	1				
	53.89	050	34		100.00	001	48		110.00	001	4				
					100.00	301	2		110.70	001	9				
Red Malaga	2.50	009	2		100.00	301	2		115.00	001	13				
	3.50	009	38		100.00	311	b/		115.00	306	46				
	4.00	009	19		100.00	381	36		115.00	311	b/				
	70.00	001	3		105.00	001	3		125.00	001	b/				
	76.46	050	7		110.00	301	8		140.00	301	6				
	100.00	001	31		125.00	001	b/		85.00	001	9				
Queen	2.50	009	2	Charbono	135.00	001	100		90.00	001	4				
	3.50	009	3		115.00	001	60		100.00	001	87				
	4.00	009	5	Gamay (Napa)	115.00	244	18		115.00	001	71				
	5.00	009	20		115.00	306	22		125.00	001	29				
	75.00	001	1		2.50	009	b/		115.00	001	4				
	80.00	001	1	Grenache	85.00	001	1		115.00	306	96				
	80.00	157	1		85.00	140	b/		100.00	001	100				
	85.00	001	b/		95.00	001	b/		100.00	001	100				
	95.00	001	48		95.00	001	b/		100.00	001	100				
	96.86	050	7		100.00	001	7		100.00	001	100				
	100.00	001	7		100.00	140	b/		100.00	001	100				
	105.00	001	4		105.00	001	64		100.00	001	100				
Packinghouse	2.50	009	69		105.00	140	b/		3.50	009	3				
Culls	3.00	009	21		105.00	301	b/		85.00	001	12				
	3.50	009	6		110.00	001	29		100.00	001	3				
	100.00	001	4		115.00	001	2		105.00	001	42				
					120.00	001	1		120.00	001	40				
					120.18	050	b/		120.00	001	40				
Aleatico	130.00	001	100		135.00	001	b/		100.00	001	b/				
					100.00	001	100		105.00	001	98				
Alicante	2.50	009	2	Mataro	100.00	001	100		105.00	140	1				
Bouschet	3.50	009	33	Merlot	135.00	001	99		105.00	311	b/				
	100.00	001	63		250.00	001	1		110.00	001	1				
	100.00	381	1		100.00	001	12		105.00	001	13				
	125.00	001	b/	Mission	100.00	001	4		110.00	001	51				
					100.00	201	4		115.00	306	36				
					100.00	379	45		115.00	001	306				
					105.00	001	39								

(Continued)

TABLE 7. (Cont'd)

SOUTHERN SAN JOAQUIN VALLEY

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
Muscats	100.00	001	11	Ribier (Cont'd)	95.00	001	17	Petite Sirah (Cont'd)	100.00	001	37	Emerald Riesling	110.00	001	43
	110.00	001	13	Superior Seedless	100.00	001	76	Royalty	107.31	001	7		125.00	001	24
	115.00	001	25	Aleatico	75.00	001	100	Rubired	115.00	001	35		135.00	001	12
	116.57	001	15	Alicante Bouschet	100.00	001	100	Ruby Cabernet	122.50	001	b/		145.00	001	9
	120.00	001	18						250.00	001	b/				
	125.00	001	6						85.00	001	29	Feher Szagos	100.00	001	100
Sultanas	100.00	001	100						100.00	001	58	Flora	100.00	001	100
Thompson Seedless	95.00	001	1		85.00	001	100		177.50	001	13				
	100.00	001	76		100.00	001	100		85.00	001	16	French Colombar	115.00	001	b/
	100.00	131	b/		85.00	140	4		100.00	001	80		125.00	001	17
	100.00	140	18		100.00	001	59		100.00	210	3		130.00	001	1
	102.50	001	3		105.00	001	3		177.50	001	1		130.00	130	4
	110.00	001	2		105.00	140	7		100.00	001	28		132.60	001	6
	115.00	131	b/		105.00	001	24		105.00	001	24		135.00	001	12
					105.00	210	23		105.00	306	9		135.00	150	31
Almeria	100.00	001	100		105.00	001	3		110.00	001	34		139.08	001	1
					127.50	001	3		110.00	001	1		145.00	001	28
					250.00	001	b/		115.00	001	4				
Black Monukka	100.00	001	66		115.00	001	100		127.50	001	4	Gray Riesling	125.00	001	100
	175.00	206	34						85.00	001	9		140.00	001	11
					75.00	001	52		90.00	001	8		180.00	001	17
Calmeria	95.00	001	25		100.00	001	21		100.00	001	75		200.00	001	72
	100.00	001	75		100.00	001	27		100.00	210	8				
									75.00	001	100				
Cardinal	75.00	001	28						85.00	001	55				
	85.00	001	23						100.00	001	7				
	100.00	001	49						105.00	382	31				
									115.00	001	7				
Emperor	80.00	001	b/		80.00	201	17		100.00	001	55				
	85.00	001	9		100.00	001	1		100.00	001	7				
	95.00	001	18		100.00	001	57		105.00	001	31				
	100.00	001	71		100.00	170	b/		115.00	001	7				
	110.00	001	2		100.00	201	1		75.00	001	65				
					100.00	381	15		100.00	381	35				
					100.00	455	9		100.00	001	100				
Exotic	73.47	001	35						100.00	001	100				
	100.00	001	65		125.00	001	100		85.00	001	58				
									100.00	001	42				
Tokay	100.00	001	100						85.00	001	42				
									100.00	001	35				
White Malaga	100.00	001	34		85.00	001	30		100.00	001	65				
	100.00	101	12		100.00	001	23		120.00	001	100				
	125.00	001	54		105.00	001	46		250.00	001	9				
									125.00	001	9				
Perlette	100.00	001	100						135.00	001	21				
									140.00	001	6				
Queen	100.00	001	100		100.00	379	1		150.00	001	b/				
					115.00	001	33		150.00	112	2				
Red Malaga	70.00	001	7		85.00	001	12		160.00	001	57				
	100.00	001	93		85.00	201	9		160.00	143	1				
									160.00	151	2				
Ribier	65.00	001	b/												
	75.00	001	6												

(Continued)

SOUTHERN CALIFORNIA

TABLE 7. (Cont'd)

Variety	Base Price Dollars Per Ton	Brix Factors	Percent of Variety	Variety	Base Price Dollars Per Ton	Brix Factors	Percent of Variety	Variety	Base Price Dollars Per Ton	Brix Factors	Percent of Variety	Variety	Base Price Dollars Per Ton	Brix Factors	Percent of Variety	
Muscats	120.00 125.00	001 001	76 24	Gamay Beaujolais	240.00	321	100	Salvador	100.00	001	100	Palomino	100.00 300.00	501 001	100 b/	
Black Prince	90.00 100.00	001 001	34 66	Grenache	100.00 105.00 106.00 115.00	001 001 001 001	60 30 10 b/	Zinfandel	85.00 100.00 100.00 115.00 200.00 350.00 360.00	001 001 381 001 001 001 001	16 56 24 2 b/ 1 1	Pedro Ximenes Pinot Blanc	95.00 300.00	001 001	100 100	
Tokay	80.00 100.00	001 001	78 22	Mataro	92.50 100.00 100.00	001 001 379	3 78 19	Burger	100.00 115.00	001 001	100 b/	St. Emilion (Ugni Blanc)	265.00	001	100	
White Malaga	100.00	001	100	Mission	100.00 100.00	001 379	90 10	Chardonnay	290.00 300.00 350.00 400.00	001 005 311 001	15 2 46 37	Sauvignon Blanc	225.00 265.00 350.00 380.00	220 001 005 001	10 45 23 22	
Aleatico	100.00	381	100	Petite Sirah	147.50 155.00 200.00	001 304 001	38 22 21	Chenin Blanc	102.50 265.00 320.00 350.00 380.00	001 001 005 001 001	7 17 42 29 5	White Riesling	225.00 250.00 300.00	220 259 001	1 2 38	
Alicante	80.00	001	14	Pinot St. George	160.00	001	100	Pinot St. George	160.00	001	100					
Bouschet	100.00	001	86	Royaity	100.00	001	100	Royaity	100.00	001	100					
Cabernet	155.00	304	9	Rubired	100.00 135.00	001 001	95 5	Emerald Riesling	265.00	001	100					
Sauvignon	190.00 210.00 300.00 300.00 350.00	001 001 001 321 001	4 8 37 33 9													
Carignane	100.00 240.00	001 321	85 15													

a/ See code descriptions page 24.
b/ Less than 0.5 percent.

Table 7 (Supplement): The following brix adjustment factors are on a per degree brix basis and are normally calculated to a tenth of a degree. Most wineries, however, indicate a minimum brix acceptance level and grapes testing below that level may be subject to price renegotiation or rejection by the winery. There are factors other than brix, such as material other than grape (MOC), defects, sugar-acid ratios, and bottle pricing formulas that affect grape prices. These were not considered in this presentation, but were considered in arriving at weighted average prices.

<u>NO PREMIUM OR PENALTY</u>		<u>19° BRIX</u>	<u>20° BRIX (Cont'd)</u>
001	No premium or penalty, no max. or min.	110 No premium; -5%	182 +15% to 21°, +20% max. 23°; -20% min. 19°
002	" " " , accep. range 18.5°-19°	111 No premium, max. accep. 22.5°; -7% min. 18°	184 +15% to 21°, +20% to max. 23°; -15% min. 19°
003	" " " , accep. range 18°-18.5°	112 No premium; -10%	185 +8%; no penalty
004	" " " , min. accep. 19°	113 + or - 5%, max. 21°, min. 17°	186 No premium; -5% min. 19°
005	" " " , min. accep. 20°	114 + or - 7%, max. 21°, min. 18°	187 +5% to 21°, +10%; -10% min. 19°
006	" " " , min. accep. 21°	115 +5% to 20°, +1% max. 23°; -\$5.00 min. 18°	188 +5% max. 23°; -10% min. 19°
007	" " " , min. accep. 22°	116 +6%; no penalty	650 +1% max. 22°; -13% min. 19°
008	" " " , accep. range 23°-24°	<u>19.5° BRIX</u>	651 No premium; -15% min. 18°
009	" " " , \$ per degree Brix	130 No premium, max. accep. 22.5°; -7% min. 18°	652 +1% to 21°, +3% max. 22°; -13% min. 19°
010	" " " , accep. range 19°-25°	131 No premium, max. accep. 25°; -7% min. 18°	653 No premium; -13% min. 18°
011	" " " , accep. range 18°-24°	132 + or - 10%, max. 20.5°, min. 18.5°	654 +2% to 21°; +1% max. 22°; -11% min. 19°
012	" " " , accep. range 18°-23°	<u>20° BRIX</u>	<u>20.5° BRIX</u>
013	" " " , accep. range 18°-22°	140 No premium; -5%	190 + or - 10%, max. 22.5°, min. 19.5°
014	" " " , min. accep. 17°	141 No premium; -5% min. 17°	191 +7% max. 22.5°; -10% min. 19°
015	" " " , accep. range 18°-25°	142 +15% to 21°, +25% max. 23°; -15% to 19°, -25% min. 18°	525 + or - 10% max. 23.5°; min. 19.5°
016	" " " , accep. range 19°-24°	143 No premium; -7% min. 17°	<u>20°-21° BRIX</u>
017	" " " , accep. range 19°-20°	144 No premium, max. accep. 23°; -7% min. 19°	192 +5.2% above 21°; -7% below 20° min. 19°
019	" " " , accep. range 18.5°-19.5°	148 No premium; -8%	193 +6% above 21°; -7% below 20° min. 19°
021	" " " , accep. range 20°-21°	150 No premium; -10%	194 +7% above 21°; -7% below 20° min. 19°
022	" " " , min. accep. 22.5°	151 No premium; -10% min. 18°	195 +8% above 21°; no penalty
<u>SPECIAL PREMIUM</u>			
050	Price based on preliminary report data	155 No premium; -15%	196 +8.6% above 21°; -7% below 20° min. 19°
051	Brix and price base determined by district average from preliminary report. +7% max. 24°; -7% min. 20°	156 No premium; -15% min. 19°	<u>21° BRIX</u>
052	Brix and price base determined by district average from preliminary report; + or - 7% max. 23°, min. 19°	157 No premium; -\$4.00	197 + or - \$41.34
053	Brix and price base determined by district average from preliminary report; + or - 7% max. 25°, min. 20°	160 +4%; -7% min. 19°	198 +4.8% max. 24°; -2.4% min. 19°
500	Late harvest, high Brix	166 +6%; no discount, min. accep. 19°	199 +6.8% max. 24°; -4.7% min. 19°
510	Bonus based on general quality	167 +6%; -7% min. 19°	200 No premium or discount, min. accep. 20°
<u>18° BRIX</u>		168 +6% to 21°, +8% to max. 22°; -7% min. 19°	201 No premium; -5%
100	No premium; -15%	170 No premium, max. accep. 23°; -7% min. 19°	202 No premium; -5% min. 17°
101	No premium; -5%	171 +7% max. 22°; -10% min. 19°	205 No premium; -7% min. 17°
		176 + or - 10%, max. 22°	206 No premium, max. accep. 22°; -7% min. 18°
		177 + or - 10%, max. 22°, min. 18°	207 No premium, max. accep. 25°; -7% min. 18°
		181 +15% max. 23°; -10% min. 19°	208 +6% to 22°, +8%; -7% min. 19°

(Continued)

TABLE 7 (Supplement): BRIX ADJUSTMENT FACTOR (Cont'd)

21° BRIX (Cont'd)	22° BRIX
209 +8%; no discount	293 + or - 7% max. 23°, min. 20°
210 No premium; -10%	294 +14%; -8% min. 19°
211 No premium; -10% to 20°, -20%	295 +10% max. 24°; -10% to 21°, -30% min. 20°
215 No premium; -15% min. 19°	296 + or - 10% max. 24°, min. 20°
216 No premium; -15% min. 20°	297 +10% max. 24°; -20% min. 21°
220 + or - 5%, max. 23°, min. 19°	300 No premium; -5% min. 17°
225 + or - 7%, max. 23°, min. 19°	301 No premium; -7% min. 17°
226 + or - 7%, max. 25°, min. 18°	302 No premium, max. accep. 26°; -7% min. 19°
227 +7% max. 22°; -10% min. 19°	303 No premium; -10% to 21°, -20%
228 +7% max. 23°; -10% min. 20°	304 No premium; -15% min. 19°
229 +7% max. 24°; -10% min. 20°	305 No premium; -15% to 21°, -20% min. 20°
230 +7% max. 25°; -10% min. 20°	306 No premium; -10%
231 +7% max. 23°; no discount	307 No premium, max. accep. 25°; -15% to 21°, -25% min. 20°
235 +10%; no discount	308 No premium; -10% min. 21°
236 +10% max. 23°; no discount	309 No premium; -20%
237 +10% no discount, min. accep. 21°	310 + or - 5% max. 23°, min. 19°
238 +10% max. 23°; -5% min. 19°	311 + or - 5% max. 24°, min. 19°, occ. 20°
239 + or - 10%	312 +5% to 23°, +10% max. 24°; no discount
240 + or - 10%, min. 20°	313 +5% to 23°, +15% max. 24°; no discount
241 + or - 10%, max. 22°	316 +6% max. 24°; no discount
242 + or - 10%, max. 22°, min. 20°	320 +7% max. 24°; no discount
243 + or - 10%, max. 23°	321 + or - 7% max. 24°; min. 19° or 20°
244 + or - 10%, max. 23°, min. 19°	322 +7% max. 23°; -10% min. 20°
245 + or - 10%, max. 23°, min. 20°	323 +7% max. 24°; -10% min. 20°
246 + or - 10%, max. 24°; min. 20°, occ. 19°	324 +7% max. 25°; -10% min. 20°
247 +10% max. 23°, occ. 24°; -10% to 20°, -20% min. 19°	325 +7% max. 25°; no discount, min. accep. 20°
248 +10% to 22°, +15% max. 24°; -15% min. 20°	326 +7½% max. 24°; -10% min. 20°
249 +10% to 23°, +20% max. 24°; min. accep. 21°	327 +7% max. 26°; no discount
250 +10%; -10% to 20°, -20%	330 +10%; no discount
251 +10% max. 24°; no discount	331 +10% max. 24°, occ. 25°; no discount
252 +10% max. 23°; -5% min. 19°	332 +10% max. 24°; min. accep. 22°
253 +10% max. 23°; -30% min. 19°	333 + or - 10%
254 +10% max. 23°; -20% min. 20°	334 + or - 10%, min. 21°
255 +15% max. 22°; no discount	335 + or - 10%, max. 23°
256 +15% max. 23°; -10% min. 19°	336 + or - 10%, max. 23°, min. 21°
257 + or - 15%	
258 + or - 15%, min. 19°	
259 + or - 15%, max. 23°, min. 19°	
260 + or - 15%, max. 22°, min. 20°	
261 +15% to 22°, +25% max. 23°; no discount	
262 +15% to 22°, +25% max. 23°; min. accep. 21°	
263 +15% to 22°, +25% max. 23°; -10% min. 20°	
264 +15% to 22°, +25% max. 23°; -15% to 20°, -25%	
265 +15% to 22°, +25% max. 23°; -15% to 20°, -25% min. 19°	
266 + or - 15%, max. 22°	
267 +10%, +\$105.00 (averaged); no discount	
268 +15% to max. 22°; -15% to 20°, -20% min. 19°	
269 +15% to 22°, +20% max. 24°; -15% to 20°, -20% min. 19°	
270 +15% to 22°, +20% max. 24°; -15% to 20°, -20% min. 20°	
271 +20% max. 24°; -15% to 20°, -25% min. 19°	
272 + or - 12½%, max. 22°, min. 20°	
273 +20% max. 23°; -20% min. 19°	
274 No premium; -15% min. 19°	
275 +15% max. 23°; no discount	
276 + or - 10% max. 23°, min. 18°	
277 +8%; -10% min. 19°	
278 +5% to 22°, +10% max. 23°; -10% min. 19°	
279 +6% to 22°, +8% to 23°, +10%; -5% min. 19°	
550 + or - 10%, max. 22.5°, min. 20°	
551 + or - 2%, max. 23°, min. 20°	
552 +13% to 22°, +18% max. 23°; -11% to 20°, -16% min. 19°	
553 +5% to 22°, +7% max. 23°; -3% to 20°, -12% min. 19°	
554 +4% max. 23°; -9% min. 20°	
555 +2% to 22°, +4% max. 23°; -8% min. 20°	
556 No premium; -10% min. 19°	
21.5° BRIX	
280 + or - 10% max. 23.5°, min. 20°	
281 No premium; -15% min. 20°	

(Continued)

TABLE 7 (Supplement):

BRIX ADJUSTMENT FACTOR (Cont'd)

22° BRIX (Cont'd)	22° BRIX (Cont'd)	22° BRIX (Cont'd)	22° BRIX (Cont'd)
337 + or - 10%, max. 24°	369 +15% to 23°, +25% max. 26.5°; -15% to 21°, -25% min. 20°	441 +13% to 23°, +21% max. 24°; -11% to 21°, -21% min. 20°	
338 + or - 10%, max. 24°, min. 19°	370 +15% to 23°, +35% max. 24°; no discount	442 +15% to 23°, +24% max. 24°; -15% to 21°, -25% min. 20°	
339 + or - 10%, max. 24°, min. 20°	371 +15% to 23°, +35% max. 24°; -20% min. 21°	443 +14% to 23°, +23% max. 24°; -14% to 21°, -23% min. 20°	
340 + or - 10%, max. 24°, min. 21°	372 +15% to 23°, +25% max. 24°; no discount, min. accep. 21°	444 +13% to 23°, +22% max. 24°; -13% to 21°, -22% min. 20°	
341 + or - 10%, max. 25°, min. 20°	373 +15% to 23°, +25% max. 24°; no discount	445 +14% to 23°, +22% max. 24°; -14% to 21°, -22% min. 20°	
342 + or - 10%, max. 26°, min. 20°	375 + \$45.00 at 25° and above	446 +14% to 23°, +22% max. 24°; -13% to 21°, -21% min. 20°	
343 +10%; -10% to 21°, -20%	376 + \$100.00 max. 24°; no discount, min. accep. 20°	447 +12% to 23°, +18% max. 24°; -10% to 21°, -18% min. 20°	
344 +10% max. 24°; -10% to 21°, -20% min. 20°	377 + \$100.00 max. 24°; no discount, min. accep. 22°	448 +10% to max. 24°; -15% to 21°, -25% min. 20°	
345 +10% to 23°, +15% max. 24°; no discount	378 + \$150.00 max. 24°; no discount, min. accep. 22°	449 +10% to 23°, -17% max. 24°; -11% to 21°, -18% min. 20°	
346 +10% to 23°, +15% max. 24°; min. accep. 22°	379 No premium; -\$5.00	450 +15% to 23°, +25% max. 24°; -10% to 21°, -25% min. 20°	
347 +10% to 23°, +20% max. 24°; min. accep. 22°	380 + or - \$5.00; max. 23°	22.5° BRIX	
348 +10% above; -20%	381 No premium; -\$4.55	390 No premium; -7% min. 17°	
349 +10% to 23°, +20%; -10%	382 No premium; -\$5.75	391 No premium; -10% min. 17°	
350 +10% to 23°, +20%; -10% to 21°, -20%	383 + or - 15%; max. 23°	392 No premium; -5% min. 17°	
351 +10% to 23°, +20%	384 +10%, +\$85.00 (averaged); no discount	393 + or - 7% max. 24°; min. 20°	
352 + or - 15% max. 23°, min. 21°	385 +10% to max. 24°; -5% to min. 20°	394 + or - 10% max. 25°, min. 21.5°	
353 + or - 15% max. 23°, min. 19°	386 +15% to max. 23°; -15% to 21°, -20% to min. 19°	23° BRIX	
354 + or - 15% max. 24°, min. 20°	387 +10% to 23°, +20% max. 24°; -10% min. 21°	400 + or - 10% max. 25°, min. 22°	
355 + or - 15% max. 24°, min. 19°	388 +15% to 23°, +25% max. 25°; -15% to 21°, -25% min. 20°	401 +15% to 24°, +20% to 25°; -15% to 22°, -20% min. 20°	
356 + or - 15% max. 26°, min. 20°	389 +15% to 23°, +25% max. 26.5°; -15% to 21°, -25% min. 20°	402 +15% to 24°, +20% max. 26°; -15% to 22°, -20% min. 20°	
357 +15% to 23°, +5% max. 24°; no discount	430 + or - \$7.08	403 +20% max. 24.8°	
358 +15% to 23°, +20% max. 24°; no discount	431 + or - \$13.21	404 +10%, +12%, +\$110.00 (averaged)	
359 +15% to 23°, +25% max. 24°; no discount	432 + or - \$4.55	405 +10% to max. 25°; -5% to min. 21°	
360 +15% to 23°, +25% max. 24°; no discount, min. accep. 22°	433 + or - \$9.79	406 +12% to 24°, +10% to max. 25°; -5% to 22°, -10% to min. 20°	
361 +15% to 23°, +25% max. 24°; -10% min. 20°	434 + or - \$9.71	407 No premium, max. accep. 24°; -15% min. 21°	
362 +15% to 23°, +20% max. 24°; -15% min. 19°	435 + or - \$9.14	408 +10%; no discount	
363 +15% to 23°, +20% max. 25°; -15% to 21°, -20% min. 20°	436 + or - 10%, max. 29°, min. 21°	409 + or - 10% max. 24°, min. 21°	
364 +15% to 23°, +20% max. 24°, occ. 25° or 25.5°; -15% to 21°, -20% min. 20°	437 +12% to 23°, +20% max. 24°; -12% to 21°, -20%, min. 20°	410 +10% max. 24°; -20% min. 22°	
365 +15% to 23°, +25% max. 24°, occ. \$50.00 bonus; -15% min. 21°	438 +13% to 23°, +20%, max. 24°; -13% to 21°, -20%, min. 20°		
366 +15% to 23°, -20% max. 24°; -15% to 21°, -25% min. 19°	439 +8% to 23°, +12% max. 24°; -8% to 21°, -12%, min. 20°		
367 +15% to 23°, +25% max. 24°; -15% to 21°, -25%	440 +12% to 23°, +18% max. 24°; -12% to 21°, -20%, min. 20°		
368 +15% to 23°, +25% max. 24°; -15% to 21°, -25% min. 20°			

(Continued)

TABLE 7 (Supplement):

BRIX ADJUSTMENT FACTOR (Cont'd)

23° BRIX (Cont'd)

411 +10% max. 24°; -20% min. 21°
 600 + or - 10% max. 26°; min. 22°

24° BRIX

412 +7% max. 26°; no discount
 413 No premium; -10% min. 22°
 414 +10% max. 25°; no discount
 415 +10% max. 26°; no discount

24.9° BRIX

420 + \$45.00 at 25° and above; no discount

GRAPE CRUSH REPORT

Information contained in this report was supplied by vintners to fulfill the reporting requirements of Senate Bill No. 1609.

This report includes all grape tonnage crushed and all tonnage purchased and priced as of February 25, 1978 by California vintners. Data by varieties are shown for eleven grape reporting districts as well as for the State totals. In some cases, individual variety 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.

Total grapes crushed in 1977 was 2,336,353 tons which is a 6.0 percent increase over the 1976 total crush of 2,210,654 tons. The weighted average degrees brix for all grapes crushed in 1977 was 20.9 which is the same as 1976.

The reported weighted average degrees brix for grapes purchased was 20.9. The weighted average price per ton for grapes reported as having a final price was \$150.79 for all varieties. This is 30 percent higher than the 1976 price of \$116.08. Weighted average price for raisin type grapes was \$101.77 per ton, table type grapes was \$99.69 per ton, and wine type was \$174.18 per ton. The weighted average degrees brix for grapes crushed was 20.9.

The 1977 weighted average price per ton for all grapes purchased as distilling material for other than beverage brandy was \$42.84 per ton compared with \$56.19 in 1976. The degrees brix for distilling material grapes was 19.5 in 1977 and 21.8 in 1976.

D E F I N I T I O N S

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. Packinghouse culls are included in "all raisin grape" and "all table grape" totals.

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: Prices reflect actual weighted averages of final prices not subject to further revision. Prices do not include grower returns for tonnage pooled by cooperatives or returns for grapes grown by wineries and used for their own production. Adjustments for sugar calculations and any bonuses or allowances are included.

The weighted average prices reported by variety and district are final prices for grapes purchased for wine, concentrate, juice, vinegar, and beverage brandy. Final prices for grape distilling material other than beverage brandy are shown separately.

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 Prices: 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 or material other than grapes.

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.

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DIVISION OF MARKETING SERVICES
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