

Appendix 2. Summary of Farm Advisor Cost Studies for Wine Grapes.

<u>Cost Item</u>	<u>SJV Wine</u>	<u>Lodi Cabernet</u>	<u>SJV Thompson</u>	<u>Sierra/Nv Zinfandel</u>	<u>Sonoma Chardonnay</u>	<u>Lake Sauvignon Bl.</u>	<u>S.Maria/S.B. Chardonnay</u>	<u>S.L.Obispo Cabernet</u>
Prune & Tie	130	185	209	141	486	314	261	392
Suckering		49			38	60	90	85
Leaf Removal					202	150	150	
Frost Protection					59	68	54	
Weed Control	96	56	51	46	78	41	29	21
Mildew Control	106	44	82	106	296	71	202	95
Pest Control-vertebrates	14			36		5	31	16
Pest Control-insect	28	73	85	53	37	59		56
Birds								82
Irrigate	207	40	190	33	161	61	78	143
Fertilize	16	31	39		327	7	48	26
Green Tie/Shoot Thin		102		141	141			
Move Wires					338	48		
Pickup	34	13	31	393	187	45	17	17
Miscellaneous	48	9	34		46	143	13	12
Total Cultural	679	602	721	949	2396	1072	973	945
Operating Capital Int.	34	30	38	40	91	53	42	46
Harvest	450	280	281	441	418	812	825	1425
Total Operating	1163	912	1040	1430	2905	1937	1840	2416
Cash Overhead	221	469	240	879	1635	603	749	771
Total Cash	1384	1381	1280	2309	4540	2540	2589	3187
Amortized Overhead	819	507	498	2247	2070	1436	1066	1359
Total Costs w/o land	2203	1888	1778	4556	6610	3976	3655	4546
Amortized Land	387	305	186	378	2590	669	392	289
Total Costs with Land	2590	2193	1964	4934	9200	4645	4047	4835
Land Value	10,500	8,000	4,500	5,000	35,000	7,500	10,000	7,000
Study Year	1997	1994	1997	1996	1999	1998	1996	1996
Farm Acreage	120	200	120	5	30	40	95	18

Source: University of California, Cooperative Extension. Sample Costs to Establish a Vineyard and Produce Wine Grapes.

Appendix 3. Five-Year Weighted Average Yields and Average Grower Returns by Variety and Region, 1995-99

FIVE-YEAR WEIGHTED AVERAGE YIELDS

State / County	District	White Wine Type			Red Wine Type					Raisin
		Chardonnay	Chenin Blanc	French Colombard	Barbera	Cabernet Sauvignon	Grenache	Marlot	Zinfandel	Thompson Seedless*
		Tons/Acre	Tons/Acre	Tons/Acre	Tons/Acre	Tons/Acre	Tons/Acre	Tons/Acre	Tons/Acre	Tons/Acre
CALIFORNIA		5.84	7.52	9.69	9.97	5.98	9.33	7.28	8.54	8.64
Mendocino	1	5.03	6.50	5.43	4.39	4.54	4.80	4.79	4.45	
Lake	2	2.79	6.62		3.19	4.06		3.86	5.91	
Marin & Sonoma	3	4.58	5.33	6.61	4.51	3.91	3.50	4.75	3.84	
Napa	4	3.61	2.53	1.41	5.10	3.78	3.77	4.17	4.15	
Solano	5	8.75	10.59	5.73		7.30		9.17	7.56	
District 6: Various	6	5.20	5.03	4.05		4.33	1.75	7.83	3.59	
Monterey & San Benito	7	4.73	5.27	7.52	3.16	4.66	5.95	5.86	4.33	
SLO, SantaBarbara, and Ventura	8	4.03	6.06		4.88	5.35	5.72	5.82	6.33	
District 9: Various (Exc Sac & Yolo)	Part Dist. 9	8.78	7.67	5.32		5.17	5.24	8.13	13.76	
District 10: Various	10	4.43	2.62	1.65	3.42	4.58	3.68	3.86	3.84	
Sacramento & Yolo	Part 9, 11, 17	8.35	10.64	5.85		6.03		8.97	8.47	
Merced, San Joaquin, and Stanislaus	Part 11, 12	9.65	5.79	7.86	7.06	11.59	8.20	11.77	9.37	8.39
Fresno & Madera	Part Dist. 13	10.11	8.66	10.42	10.67	14.77	9.83	10.29	12.91	9.26
Kern,Kings, and Tulare	Part 13, 14	11.43	7.89	9.77	10.89	9.51	10.95	8.32	14.42	8.76
Los Angeles & San Bernardino	15	2.67	1.50			9.78	2.77	4.89	1.44	
District 16: Various	16	4.50	7.73			5.63	2.08	5.70	7.11	7.00

* All uses (crushed, dried, fresh, canned, juice).

District 1: Mendocino County

District 2: Lake County

District 3: Sonoma and Marin Counties

District 4: Napa County

District 5: Solano County

District 6: Alameda, Contra Costa, Santa Clara, San Francisco, San Mateo, and Santa Cruz Counties

District 7: Monterey and San Benito Counties

District 8: San Luis Obispo, Santa Barbara, and Ventura Counties

District 9: Yolo County (Part), Sacramento County (Part), Del Norte, Siskiyou, Modoc, Humboldt, Trinity,

Shasta, Lassen, Tehama, Plumas, Glenn, Butte, Colusa, Sutter, Yuba, and Sierra Counties

District 10: Nevada, Placer, El Dorado, Amador, Calaveras, Tuolumne, and Mariposa Counties

District 11: San Joaquin County (Part) and Sacramento County (Part)

District 12: San Joaquin County (Part), Stanislaus, and Merced Counties

District 13: Madera, Fresno, Alpine, Mono, Inyo Counties, and Kings County (Part) and Tulare County (Part)

District 14: Kern County and Kings County (Part) and Tulare County (Part)

District 15: Los Angeles and San Bernardino Counties

District 16: Orange, Riverside, San Diego, and Imperial Counties

District 17: Yolo County (Part) and Sacramento County (Part)

FIVE-YEAR WEIGHTED AVERAGE GROWER RETURNS

State / County	District	White Wine Type			Red Wine Type					Raisin
		Chardonnay	Chenin Blanc	French Colombard	Barbera	Cabernet Sauvignon	Grenache	Marlot	Zinfandel	Thompson Seedless*
		Dollars/Ton	Dollars/Ton	Dollars/Ton	Dollars/Ton	Dollars/Ton	Dollars/Ton	Dollars/Ton	Dollars/Ton	Dollars/Ton
CALIFORNIA		1,062.98	247.46	193.50	286.50	1,085.66	220.86	1,062.22	507.14	283.29
Mendocino	1	1,469.37	671.52	579.50	1,378.42	1,535.47	956.30	1,692.67	1,084.71	
Lake	2	1,237.25	604.27		607.65	1,286.96		1,535.21	708.34	
Marin & Sonoma	3	1,591.62	571.36	496.95	1,756.94	1,722.75	1,097.32	1,792.86	1,408.87	
Napa	4	1,678.54	699.39	576.49	1,559.14	2,047.56	1,554.39	1,982.53	959.35	
Solano	5	1,204.51	425.11	570.30		957.64		1,341.83	664.72	
District 6: Various	6	1,379.62	466.67	274.21		1,327.56	1,270.19	1,403.35	1,031.73	
Monterey & San Benito	7	1,409.57	774.80	693.78	1,698.97	1,130.33	925.73	1,327.11	852.48	
SLO, SantaBarbara, and Ventura	8	1,490.25	560.12		1,112.27	1,123.65	1,089.26	1,369.30	678.19	
District 9: Various (Exc Sac & Yolo)	Part Dist. 9	810.89	297.07	200.16		800.01	214.75	893.62	372.53	
District 10: Various	10	1,138.34	365.16	246.74	998.74	1,031.30	736.51	1,320.35	808.32	
Sacramento & Yolo	Part 9, 11, 17	753.72	405.50	240.84		741.57		788.46	461.08	
Merced, San Joaquin, and Stanislaus	Part 11, 12	682.92	263.93	209.29	311.08	712.27	236.44	728.60	466.03	221.14
Fresno & Madera	Part Dist. 13	554.73	207.25	187.68	277.56	521.04	210.48	592.14	349.32	249.70
Kern,Kings, and Tulare	Part 13, 14	578.74	201.17	184.41	275.14	577.33	208.09	657.67	352.36	532.24
Los Angeles & San Bernardino	15	1,132.81	175.00			1,415.09	431.06	351.31	790.75	
District 16: Various	16	996.90	457.51			1,059.13	489.33	1,166.51	563.20	1,225.39

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