

SAMPLE COSTS TO PRODUCE WINE GRAPES MENDOCINO COUNTY FARM ADVISORS OFFICE

Skilled labor 8.40 BRUCE E. BEARDEN Version Number 2
 Unskilled labor 5.10 Interest % interactive GRAPECOS

CULTURAL COSTS	Labor		Labor \$/ Acre	Fuel & Repair	Materials Kind	Cost	COST / Acre
	Skill	Un- skill					
Pruning		30	153.00				153.00
Brush disposal	.5		4.20	4.00			8.20
Tie Canes		4	20.40				20.40
Sulfur 8X	2.4		20.16	11.00	sulfur	10.00	41.16
Pest Manage 3X			.00		applic	45.00	45.00
					mat'ls	60.00	60.00
Fertilize	.5		4.20	3.00	nitrog	9.00	16.20
Suckering		10	51.00				51.00
Winter Weed Cont.	1		8.40	8.00	herbic	15.00	31.40
Summer Weed Cont.	1		8.40	8.00	herbic	2.00	18.40
Cultivate 4X	3		25.20	15.00			40.20
Irrigate 2X		1	5.10	22.00	power	22.00	49.10
Frost Protect	1		8.40	22.00	power	22.00	52.40
Misc labor	1	1	13.50	10.00		23.00	46.50
ALL CULTURAL COSTS			321.96	103		208	632.96

HARVEST COSTS

Picking			4Tons/A	Rate/Ton	70.00	280.00
Supervis	4	0				33.60
Misc Labor	0	2				10.20
Hauling			Custom haul / ton		12	48.00

ALL HARVEST COSTS 371.60

CASH OVERHEAD

Misc. overhead @ 5% of cultural and harvest costs.	50.24
Taxes on land at 1% market value of \$ 6000	60.00
Production loan, % 14 of 70% of cultural & harvest costs.	98.47

TOTAL CASH OVERHEAD 208.70

TOTAL CASH COSTS Cultural-Harvest-Overhead 1213.46

Interest rate % 14

Investment Costs	Per A.	Annual cost		
		Deprecia.	Interest	
Vineyard	4947	164.90	346.29	511.19
Land	10000	.00	1400.00	1400.00
Sprinkler System	2470	123.50	172.90	296.40
Buildings	500	25.00	35.00	60.00
Equipment	1378	137.75	96.43	234.18
Site Preparation	1500	50.00	105.00	155.00
	20795	501.15	2155.615	2656.77

TOTAL COST PER ACRE Cultural+Harvest+Overhead+Investment 3870.23

Chardonnay \$/ton 750 Gross income per acre 3000.00
 Income above cash costs/acre \$ 1786.54 Income above all costs \$ -870.23

EQUIPMENT INVENTORY	Years	Life	Cost	\$\$\$	Rate/Hr	Hours	Miles
						Per	Per
						Acres	Hour
Tractor, 50 HP, wheel	10		18000		1.55		
Duster	10		2100		8.83	.28	2.20
Disc, 8' offset	10		3500		1.61	.19	3.30
Forklift attachment	10		7000		1.9		
Fertilizer spreader 8'	10		800			.16	4.00
Weed sprayer-150 gal	10		1000			.28	2.20
Brush Chopper/Mower 8'	10		1200		.49	.13	5.00
Harvesting equipment	10		7500				
Other equipment	10		5000				

			46100				

Costs For Trucks			Cost	Miles	Miles	Cost
			/Mile	/Year	/Acre	/Acre
Pickup	5	9000	.22	10000	250	55.00

Total equipment cost		55100		Equipment cost/acr	1377.50	

BASIC VINYARD DESCRIPTION

Spacing in row	8				
Spacing between rows	12				
Vines/A	454	without allowance for avenues or turn space			
Vines/A	413	with allowance for unplanted space % (D=.09)			.09
Acres in vineyard	40	**** Square feet per acre =	43560		
Feet of row per acre	3303	***** Miles of row in vineyard		25.03	
Weed spray strip width	4	***** Feet in a mile		5280.00	
Weed strip acres/acre of vines	.30	Weedstrip acres in vineyard		12.13	
Width of cultivation/mowing strip between vines	8				