

SAMPLE COSTS TO PRODUCE MISSION OLIVES - BUTTE COUNTY 1963

Not Including Cost of Water

Yield - 2 tons

30 acres

Operation	Hours per acre	Cash and labor cost per acre			
		Labor	Fuel and repairs	Materials	Total
Cultural					
Pruning & brush disposal	2.0	38.90	3.00		41.90
Fertilize	.3	.50	.40	100 lbs. nitrogen	12.50
Mow cover crop, 3 times	1.5	2.50	1.80		4.30
Irrigate, 10 times	10.0	13.00		Power for 2.6 ft. @ \$3	7.80
TOTAL CULTURAL COST		54.90	5.20		20.30
Harvest					
Picking				\$90.00 per ton	180.00
Hauling				\$3.00 per ton	6.00
TOTAL HARVEST COST					186.00
Miscellaneous overhead					
Management, 10% of 2 ton @ \$17.50					12.68
TOTAL MISCELLANEOUS OVERHEAD					35.00
TOTAL COST PER ACRE					
					487.00

Investment	Per acre	Annual cost		
		Depreciation	Interest	Taxes and insurance
Land	\$ 700.00	--	\$42.00	\$ 8.75
Trees	1,200.00	\$30.00	36.00	18.00
Irrigation (sprinkler)	100.00	6.67	3.00	1.50
Equipment	60.00	16.00	4.80	2.40
Buildings	40.00	2.00	1.20	.60
TOTAL INVESTMENT	\$2,200.00	\$54.67	\$87.00	\$31.25
TOTAL COST PER ACRE				172.92

Net Income Per Acre After Paying All Expenses Except Water At Various Yields and Prices

Yield tons	Price per ton				
	\$125.00	\$150.00	\$175.00	\$200.00	\$225.00
1.0	-246.50	-224.00	-201.50	-179.00	-156.50
1.5	-236.75	-203.00	-169.25	-135.50	-101.75
2.0	-227.00	-182.00	-137.00	- 92.00	- 47.00
2.5	-217.25	-161.00	-104.75	- 48.50	7.75
3.0	-207.50	-140.00	- 72.50	- 5.00	62.50

Net Income Per Acre-Foot of Water At 2.6 Feet Per Acre Sprinkler Irrigated - Clay Loam Soil

Yield tons	Price per ton				
	\$125.00	\$150.00	\$175.00	\$200.00	\$225.00
1.0	- 94.80	- 86.15	- 77.50	- 68.85	- 60.20
1.5	- 91.10	- 78.10	- 65.10	- 52.10	- 39.15
2.0	- 87.30	- 70.00	- 52.70	- 35.40	- 18.10
2.5	- 83.60	- 61.90	- 40.30	- 18.65	3.00
3.0	- 79.80	- 53.85	- 27.90	1.90	24.05