

SAMPLE COSTS TO PRODUCE ALFALFA - LASSEN COUNTY 1963

Honey Lake Valley

Not Including Cost of Water

Yield - 4 ton

Flood irrigated

Operation	Hours per acre	Cash and labor costs per acre			Total
		Labor	Fuel and repairs	Materials	
Cultural					
Irrigate, 5 times	5.0	7.50			7.50
Weevil spray	.2	.40	.26	Malthion 1.50	2.16
TOTAL CULTURAL COST	5.2	7.90	.26	1.50	9.66
Harvest					
Mow, 2 times	.6	1.20	.63		1.83
Rake, 2 times	.5	1.00	.50		1.50
Bale & haul				Contract, bale \$4.50, haul \$2.50 28.00	28.00
TOTAL HARVEST COST		2.20	1.13	28.00	31.33
Miscellaneous overhead					2.05
Management, 10% of 4 tons x \$23.00					9.20
TOTAL MISCELLANEOUS OVERHEAD					11.25
Annual cost					
<u>Investment</u>	<u>Per acre</u>	<u>Depreciation</u>	<u>Interest</u>	<u>Taxes and insurance</u>	
Land	\$300.00		\$18.00	\$ 3.00	
Equipment	68.00	\$ 7.35	2.04	1.02	
Irrigation system	60.00	3.50	1.80	.90	
Stand	35.00	7.00	1.05	.52	
TOTAL INVESTMENT	\$463.00	\$17.85	\$22.89	\$ 5.44	46.29
TOTAL COST PER ACRE					98.42

Net Income Per Acre After Paying All Expenses Except
Water at Various Yields and prices

Yield tons	Price per ton				
	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00
3.0	-25.52	-22.82	-20.12	-17.42	-14.72
3.5	-19.57	-16.42	-13.27	-10.12	- 6.97
4.0	-13.62	-10.02	- 6.42	- 2.82	.78
4.5	- 7.67	- 3.62	.43	4.48	8.53
5.0	- 1.72	2.78	7.28	11.78	16.28

Net Income Per Acre-Foot of Water at 3.0 Feet Per Acre

Yield tons	Price per ton				
	\$21.00	\$22.00	\$23.00	\$24.00	\$25.00
3.0	- 8.50	- 7.60	- 6.70	- 5.80	- 4.90
3.5	- 6.50	- 5.45	- 4.40	- 3.35	- 2.30
4.0	- 4.55	- 3.35	- 2.15	- .95	.25
4.5	- 2.55	- 1.20	.15	1.50	2.85
5.0	- .55	.95	2.45	3.90	5.40