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: Labor	Fuel and repairs	Materials		Total
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						11.2[illegible]

Investment	Per acre	Annual cost: Depreciation	Interest	Taxes and insurance	
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.[illegible]
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