

SAMPLE COSTS TO PRODUCE ALFALFA HAY - MODOC COUNTY 1963

Not Including Cost of Water

Yield - 3.5 tons

Operation	Hours per acre	Cash and labor cost per acre			Total
		Labor	Fuel and repairs	Materials	
Cultural					
Irrigate, 2 times	.6	.90	.80		1.70
Weevil Control				10 lbs. Heptachlor + \$1.00 application	2.55
Fertilize				400 lbs. Gypsum, every other year	2.50
Springtooth	.2	.30	.20		.50
TOTAL CULTURAL COST					7.25
Harvest					
Mow, 2 times	.6	.90	.80		1.70
Rake, 2 times	.6	.90	.80		1.70
Bale, 2 times	.7	1.05	1.35	Wire, \$1.00 ton 3.50	5.90
Haul, 2 men	1.1	3.30	1.00		4.30
TOTAL HARVEST COST					13.60
Miscellaneous overhead					1.00
Management 10% of 3.5 tons @ \$25					8.75
Crop Insurance					.65
TOTAL MISCELLANEOUS OVERHEAD					10.40
<u>Investment</u>	<u>Per acre</u>	<u>Annual cost</u>			
Land	\$300.00	<u>Depreciation</u>	<u>Interest</u>	<u>Taxes & Insurance</u>	
Stand	16.00	\$ 4.00	.50	\$3.00	
Equipment	75.00	7.50	2.25	.75	
TOTAL INVESTMENT		\$11.50	\$20.75	\$3.90	36.15
TOTAL COST PER ACRE					67.40

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

Yield tons	Price per ton				
	\$20.00	\$22.50	\$25.00	\$27.50	\$30.00
2.5	-12.65	- 7.05	- 1.40	4.25	9.85
3.0	- 4.15	2.60	9.35	16.10	22.85
3.5	4.35	12.25	20.10	28.00	35.85
4.0	12.85	21.85	30.85	39.85	48.85
4.5	21.35	31.50	41.60	51.75	61.85

Continued

ALFALFA HAY (continued)

Net Income Per Acre-Foot of Water at 26.7 Inches Per
Acre Typical of the Alturas Area

Yield tons	Price per ton				
	\$20.00	\$22.50	\$25.00	\$27.50	\$30.00
2.5	- 5.68	- 3.15	- .62	1.90	4.43
3.0	- 1.86	1.17	4.20	7.23	10.27
3.5	1.96	5.50	9.03	12.58	16.12
4.0	5.78	9.83	13.87	17.91	21.95
4.5	9.60	14.15	18.70	23.25	27.80

Net Income Per Acre-Foot of Water at 32.4 Inches Per
Acre Typical of the Surprise Valley Area

Yield tons	Price per ton				
	\$20.00	\$22.50	\$25.00	\$27.50	\$30.00
2.5	- 4.68	- 2.60	- .52	1.57	3.65
3.0	- 1.53	.86	3.46	5.96	8.46
3.5	1.61	4.52	7.44	10.36	13.28
4.0	4.76	8.09	11.42	14.76	18.10
4.5	7.91	11.66	15.41	19.16	22.91