

Bawley

SAMPLE COSTS TO PRODUCE IRRIGATED GRAIN - MODOC COUNTY 1963

Not Including Cost of Water

Yield - 2500 pounds

Operation	Hours per acre	Cash and labor cost per acre			Total
		Labor	Fuel and repairs	Materials	
Cultural					
Disc	.3	.45	.80		1.25
Harrow, 2 times	.1	.15	.20		.35
Fertilize	.3	.45	.60	40 lb. N @ \$.10	5.05
Plant, 2 men	.1	.30	.30	100 lb seed @ \$3.00	3.60
Ditch	.1	.15	.20		.35
Irrigate	.3	.45	.40		.85
Weed spray				Contract	1.50
TOTAL CULTURAL COST					12.95
Harvest					
Combine and haul				2500 lb. @ \$.32-1/2	8.15
TOTAL HARVEST COST					8.15
Miscellaneous overhead					
Management 10% of 2500 lb. @ \$2.00					5.00
Crop Insurance				(\$2.40 per \$100 value)	1.20
TOTAL MISCELLANEOUS OVERHEAD					7.20
Investment					
	Per acre	Depreciation	Interest	Taxes & Insurance	
Land	\$300.00		\$18.00	\$ 3.00	
Equipment	90.00	\$ 9.00	2.70	.90	
TOTAL INVESTMENT					33.60
TOTAL COST PER ACRE					61.90

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

Yield pound	Price per Cwt.				
	\$ 1.50	\$ 1.75	\$ 2.00	\$ 2.25	\$ 2.50
1500	-33.40	-30.05	-26.65	-23.30	-19.90
2000	-28.30	-23.80	-19.30	-14.80	-10.30
2500	-23.15	-17.55	-11.90	- 6.30	- .65
3000	-18.05	-11.30	- 4.55	2.30	9.00
3500	-12.90	- 5.05	2.85	10.75	18.60

Net Income Per Acre-Foot of Water at 20.5 Inches Per Acre Typical of Alturas Area

Yield pound	Price per Cwt.				
	\$ 1.50	\$ 1.75	\$ 2.00	\$ 2.25	\$ 2.50
1500	-19.53	-17.57	-15.58	-13.63	-11.64
2000	-16.55	-13.92	-11.29	- 8.65	- 6.02
2500	-13.54	-10.26	- 6.96	- 3.68	- .38
3000	-10.56	- 6.61	- 2.66	1.34	5.26
3500	- 7.54	- 2.95	1.67	6.29	10.88

Net Income Per Acre-Foot of Water at 24.3 Inches Per Acre Typical of Surprise Valley Area

Yield pound	Price per Cwt.				
	\$ 1.50	\$ 1.75	\$ 2.00	\$ 2.25	\$ 2.50
1500	-19.83	-17.84	-15.83	-13.84	-11.82
2000	-16.81	-14.13	-11.46	- 8.79	- 6.12
2500	-13.75	-10.42	- 7.07	- 3.74	- .39
3000	-10.72	- 6.71	- 2.70	1.36	5.34
3500	- 7.66	- 3.00	1.69	6.38	11.05

ALFALFA HAY - Cont.

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