

SAMPLE COSTS TO PRODUCE GRAIN HAY - MODOC COUNTY 1963

Not Including Cost of Water

Yield - 2.5 tons

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
Plant, 2 men	.1	.30	.30	Seed, 100 lbs. 3.00	3.60
Ditch	.1	.15	.25		.40
Irrigate	.3	.45	.10		.55
Fertilize				150 lbs Am S. @ \$50 ton	3.75
TOTAL CULTURAL COST					9.90
Harvest					
Mow			Contract	1.50	
Rake			Contract	1.50	
Bale			Contract @ \$4.50 ton	11.25	
Haul			Contract @ \$2.50 ton	6.25	
TOTAL HARVEST COST					20.50
Miscellaneous overhead				1.00	
Management 10% of 2.5 tons @ \$22				5.50	
Crop Insurance				.40	
TOTAL MISCELLANEOUS OVERHEAD					6.90
			<u>Annual Cost</u>		
<u>Investment</u>	<u>Per acre</u>	<u>Depreciation</u>	<u>Interest</u>	<u>Taxes & Insurance</u>	
Land	\$300.00		\$18.00	\$3.00	
Equipment (grain)	90.00	\$9.00	2.70	.90	
TOTAL INVESTMENT	\$390.00	\$9.00	\$20.70	\$3.90	33.60
TOTAL COST PER ACRE					70.90

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

Yield tons	Price per ton				
	\$18.00	\$20.00	\$22.00	\$24.00	\$26.00
1.5	-34.10	-31.40	-28.90	-26.00	-23.30
2.0	-29.50	-25.90	-22.30	-18.70	-15.10
2.5	-24.90	-20.40	-15.90	-11.40	- 6.90
3.0	-20.30	-14.90	- 9.50	- 4.10	1.30
3.5	-15.70	- 9.40	- 3.10	3.20	9.50

Continued

GRAIN HAY (continued)

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

Yield tons	Price per ton				
	\$18.00	\$20.00	\$22.00	\$24.00	\$26.00
1.5	-19.94	-18.36	-16.79	-15.21	-13.63
2.0	-17.25	-15.15	-13.04	-10.94	- 8.83
2.5	-14.56	-11.93	- 9.30	- 6.67	- 4.03
3.0	-11.87	- 8.71	- 5.56	- 2.40	.82
3.5	- 9.18	- 5.50	- 1.81	1.87	5.56

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

Yield tons	Price per ton				
	\$18.00	\$20.00	\$22.00	\$24.00	\$26.00
1.5	-20.25	-18.65	-17.04	-15.44	-13.84
2.0	-17.52	-15.38	-13.24	-11.10	- 8.97
2.5	-14.79	-12.11	- 9.44	- 6.77	- 4.10
3.0	-12.05	- 8.85	- 5.64	- 2.42	.77
3.5	- 9.32	- 5.58	- 1.84	1.90	5.64