

SAMPLE COSTS TO PRODUCE SORGHUM PASTURE - WESTERN SHASTA COUNTY 1963

Not Including Cost of Water

Yield - 15 AUM

Operation	Hours per acre	Cash and labor cost per acre			
		Labor	Fuel and repairs	Materials	Total
Cultural					
Land preparation	2.0	3.30	3.80		7.10
Fertilize	.3	.50	.30	60 lb. N @ \$.13	7.80
Plant	.3	.50	.50	Seed, 20 lb. @ \$.20	4.00
Irrigate, 8 times	4.0	5.00	2.00		7.00
TOTAL CULTURAL COST		9.30	6.60		11.80
Miscellaneous overhead					2.15
Management 10% of 15 AUM @ \$5.00					7.50
TOTAL MISCELLANEOUS OVERHEAD					9.65
Annual cost					
<u>Investment</u>	<u>Per acre</u>	<u>Depreciation</u>	<u>Interest</u>	<u>Taxes & Insurance</u>	
Land	\$300.00		\$18.00	\$ 3.75	
Irrigation system	50.00	\$ 2.50	1.50	.75	
Equipment	120.00	12.00	3.60	2.40	
Fences	25.00	1.00	.75	.40	
TOTAL INVESTMENT	\$495.00	\$15.50	\$23.85	\$ 7.30	
TOTAL COST PER ACRE					84.00

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

Yield aum	Price per aum				
	\$ 4.00	\$ 4.50	\$ 5.00	\$ 5.50	\$ 6.00
11	-36.90	-31.95	-27.00	-22.05	-17.10
13	-29.70	-23.85	-18.00	-12.15	- 6.30
15	-22.50	-15.75	- 9.00	- 2.25	5.50
17	-15.30	- 7.65	0	7.65	15.30
19	- 8.10	.45	9.00	17.55	26.10

Net Income Per Acre-Foot of Water at 2.5 Feet Per Acre Sandy Loam Soil

Yield aum	Price per aum				
	\$ 4.00	\$ 4.50	\$ 5.00	\$ 5.50	\$ 6.00
11	-14.75	-12.80	-10.80	- 8.80	- 6.85
13	-11.90	- 9.55	- 7.20	- 4.85	- 2.50
15	- 9.00	- 6.30	- 3.60	- .90	2.20
17	- 6.10	- 3.05	0	3.05	6.10
19	- 3.25	.20	3.60	7.00	10.40

Net Income Per Acre-Foot of Water at 2.9 Feet Per Acre

Yield aum	Price per aum				
	\$ 4.00	\$ 4.50	\$ 5.00	\$ 5.50	\$ 6.00
11	-12.70	-11.00	- 9.30	- 7.60	- 5.90
13	-10.25	- 8.25	- 6.20	- 4.20	- 2.20
15	- 7.75	- 5.45	- 3.10	- .80	1.90
17	- 5.30	- 2.65	0	2.65	5.30
19	- 2.80	.15	3.10	5.05	9.00