

Siskiyou,
1970

ALFALFA

ACTUAL COST TO PRODUCE ALFALFA

BUTTE VALLEY, SISKIYOU COUNTY
1970

Yield - 5 tons per acre in two cuttings

Sprinkler Irrigated

Operation	Hours per acre	Cash and Labor cost per acre				Total
		Labor	Fuel & Repairs	Materials Kind and Quantity	Cost	
dollars						
<u>Cultural Costs</u>						
Spray weeds	.05	.14	.15	1/2 lb.	1.43	1.72
Fertilize - contract		.90		Gypsum 400#	3.60	4.50
Spray weevils - contract		2.00		Guthion	1.66	3.66
Irrigate 8 times	2.16	5.44		Pumping cost	7.32	12.76
Pickup - 20 miles @ 10¢/mile			2.00			2.00
TOTAL CULTURAL COSTS		8.48	2.15		14.01	24.64
<u>Harvest Costs</u>						
Swath 2 times	.4	1.12	1.80			2.92
Baling 2 times	.6	1.67	1.50	Wire @\$1/ton	5.00	8.17
Haul & pickup bales Harrowbed	.38	.96	1.27			2.23
TOTAL HARVEST COSTS		3.75	4.57		5.00	13.32
<u>Cash Overhead</u>						
Misc., office, insurance, interest on operating capital @ 6% of cultural & harvest costs					2.51	
Taxes					13.65	
TOTAL CASH OVERHEAD					16.16	16.16
TOTAL CASH COST		12.23	6.72		35.17	54.12
Management 5% of 5 tons @ \$25						6.25
<u>Annual Cost</u>						
<u>Investment</u>	<u>Per Acre</u>			<u>Depreciation</u>	<u>Interest</u>	
Land	\$300.00				\$21.00	
Irrigation System	200.00			\$13.33	14.00	
Stand	30.00			4.29	1.05	
Equipment	108.85			14.64	3.80	
Total	\$638.85			\$32.26	\$39.85	72.11
TOTAL COST PER ACRE						132.48
Cost per ton @ 5 ton yield						26.49

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COSTS OF PRODUCING ALFALFA HAY

This cost study is based on a 700 acre ranch raising 250 acres of alfalfa. Costs are prorated on this basis.

A storage shed is provided for most of the hay. An 800 ton shed costs \$9.85 a ton to build, but was not included in this study.

Labor

Skilled - @ \$2.79 per hour including fringe benefits
Skilled - @ \$2.52 per hour including fringe benefits
Unskilled - @ \$2.24 per hour including fringe benefits

Taxes

Calculated @ \$8.37 on 23% assessed value

Interest on investment

Calculated @ 7%

Stand

Consists of preparing land, fertilizer, seed, and irrigating up.
Life of stand 7 years

Irrigation System

Wheel lines used, with a life of 15 years.
Water source is a well.

Investment Land-Irrigation

Land developed with sprinkler system at \$500 per acre.

In this study the values were separated to show value of raw land and irrigation system and well.