

SAMPLE COSTS TO PRODUCE ALFALFA HAY IN KINGS COUNTY

COST ANALYSIS WORK SHEET - 1977

Based on an average yield of 8 tons per acre over a 3-year stand life. Field labor at \$4.20 per hour, and equipment at \$4.80, which includes employer's Social Security and Workman's Compensation insurance payments. 60 h.p. wheel diesel tractor per hour cash costs \$2.84 depreciation \$1.80, and interest 88¢.

O.D. MCCUTCHEON, KINGS COUNTY FARM ADVISOR - EDWARD A. YEARY, FARM ADVISOR-STATEWIDE

Pre-Harvest Cash Costs:	SAMPLE COSTS		MY COSTS	
	PER ACRE	PER TON	PER ACRE	PER TON
Irrigate 13 times: Labor 8 Hours	\$ 33.60			
Power for 4½ ac. ft. water @ \$10.00	45.00			
Fertilize: 100 Lbs. of P ₂ O ₅ from 11-48-0 @ \$181.70 per ton	18.93			
Bulk spreading of fertilizer	2.75			
Weed Control: Including application 2 x's	14.75			
Insect Control: Total	8.30			
Taxes	20.00			
Repairs to irrigation system and equipment, except tractor	12.00			
Misc. labor, materials, 1 Hr. man and tractor	11.00			
Business expense, office, car, etc.: 6% of pre-harvest and harvest costs	17.20			
TOTAL PRE-HARVEST CASH COSTS	\$183.53	\$22.94		
Harvesting Costs:				
Swath 7 x: Contract \$4.60/acre/time	\$ 32.20			
Turn: Contract, 7 x @ \$2.30 per time	16.10			
Bale: Contract, \$7.00 per ton	56.00			
Roadside: Contract, \$2.00 per ton	16.00			
TOTAL HARVESTING COSTS	\$120.30	\$15.04		
TOTAL CASH COSTS	\$303.83	\$37.98		
Depreciation:				
Irrigation System & Equipment--\$280, 15 Yr. Life	\$ 18.67			
Tractor: 1 Hr.	1.80			
Stand: Cost \$183.36--3 Yrs.	61.12			
TOTAL DEPRECIATION	\$ 81.59	\$10.20		
TOTAL CASH & DEPRECIATION COSTS	\$385.42	\$48.18		
Interest On Investment at 8%				
Irrigation System & Equipment--½ Cost \$140	\$ 11.20			
Tractor 1 Hr.	.88			
Stand: ½ Cost \$91.68	7.33			
Land: \$2,000 per acre	160.00			
TOTAL INTEREST ON INVESTMENT	\$179.41	\$22.42		
TOTAL COST OF PRODUCTION	\$564.83	\$70.60		

No allowance has been included for the cost of management.

No income from winter sheep grazing or green chopping has been indicated, although this is often earned by hay growers.

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