

SAMPLE COSTS TO PRODUCE ALFALFA HAY IN KINGS COUNTY

Cost Analysis Work Sheet - 1980

Based on an average yield of 8 tons per acre over a 3-year stand life. Field labor at \$4.50 per hour, and equipment at \$5.50, which includes employer's Social Security and Workman's Compensation insurance payments. 60 h.p. wheel diesel tractor per hour cash costs \$4.00 depreciation \$1.80, and interest \$1.10.

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

	SAMPLE COSTS		MY COSTS	
	PER ACRE	PER TON	PER ACRE	PER TON
Pre-Harvest Cash Costs:				
Irrigate 13 times: Labor 8 Hours	\$ 36.00			
Power for 4-1/2 acre ft. water @ \$12.70	57.15			
Fertilize: 100 Lbs. of P ₂ O ₅ from 11-48-0 @ \$325.00 per ton	34.00			
Bulk spreading of fertilizer	3.00			
Weed Control: Including application 2 x's	23.00			
Insect Control: Total	14.30			
Taxes	25.00			
Repairs to irrigation system and equipment, except tractor	16.00			
Misc. labor, materials, 1 Hr. man and tractor	13.00			
Business expense, office, car, etc.: 9% of pre-harvest and harvest costs	34.17			
TOTAL PRE-HARVEST CASH COSTS	\$255.62	31.95		
Harvesting Costs:				
Swath 7 x: Contract \$5.25/acre/time	36.75			
Turn: Contract, 7 x @ \$2.50 per time	17.50			
Bale: Contract, \$9.50 per ton	76.00			
Roadside: Contract, \$3.50 per ton	28.00			
TOTAL HARVESTING COSTS	\$158.25	19.78		
TOTAL CASH COSTS	\$413.87	\$51.73		
Depreciation:				
Irrigation System & Equipment--\$320.00, 12 Year Life	26.67			
Tractor: 1 Hr.	1.80			
Stand: Cost \$186.00 - 3 Years	62.00			
TOTAL DEPRECIATION	\$ 90.47	\$11.31		
TOTAL CASH & DEPRECIATION COSTS	\$504.34	\$63.04		
Interest on Investment at 13%				
Irrigation System & Equipment--1/2 Cost, \$160.00	20.80			
Tractor - 1 Hr.	1.10			
Stand: 1/2 Cost \$93.00	12.09			
Land: \$3,000 per acre	390.00			
TOTAL INTEREST ON INVESTMENT	\$423.99	\$53.00		
TOTAL COST OF PRODUCTION	\$928.33	\$116.04		

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.

ALFALFA HAY PRODUCTION--KINGS COUNTY

1980

SAMPLE COSTS PER TON AT VARYING YIELDS

YIELD:				
Tons Per Acre	6	7	9	11
CASH COSTS				
Per Ton	\$64.65	\$57.27	\$47.43	\$41.17
CASH & DEPRECIATION				
Costs Per Ton	\$81.22	\$70.19	\$57.48	\$49.39
TOTAL COSTS				
Per Ton	\$150.39	\$130.76	\$104.59	\$87.94

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