

COST ANALYSIS WORK SHEET - KINGS COUNTY-1965

SAMPLE COSTS TO PRODUCE ALFALFA HAY

(Based on an average yield of 8 tons per acre per year for 3 years including the first.)

Man labor @ \$1.40 and \$1.65 per hour, including Social Security and Compensation Insurance; light tractor per hr. cash cost \$1.00; depreciation \$.50 And interest \$.20. (Larger tractors used for land preparation.)

O. D. McGutcheon, Kings County Farm Advisor

Burt B. Burlingame, Ext. Economist

	Sample Costs		My	Costs
	Per Acre	Per Ton		
1/3 Of Land Prep. seed & plant by air (\$18.00)	\$ 6.00	\$		
Irrigate: 13 times - 8 man hours	11.20			
Water: pumping power only, 4½ A. ft. @ \$5.00	22.50			
Fertilize: 1/				
Misc. labor 1 hr.; tractor ¾ hr.; material \$.50	3.13			
County Taxes	7.50			
Office, car, operating capital, etc.	3.00			
Repairs: Except tractor	2.50			
TOTAL PRE-HARVEST CASH AND LABOR COSTS	\$ 55.83	\$ 6.98		
HARVESTING:				
Swathing: 7 times - contract @ \$1.50 per time	\$ 10.50	\$ 1.31		
Turning: man and tractor - 1.5 hrs.	3.98	.50		
Baling: contract @ \$3.75 per ton	30.00	3.75		
Reel-side: contract @ \$1.50 per ton	12.00	1.50		
TOTAL HARVESTING COST	\$ 56.48	\$ 7.05		
TOTAL CASH AND LABOR COSTS	\$112.31	\$14.04		
DEPRECIATION:				
Irrigation system (original cost \$140) 16 yrs. life	\$ 8.75			
Tractors: 2¼ hrs. - \$1.13 + 1/3 land prep. & plant 55¢	1.78			
Equipment: cost \$30 - 10 yrs. life	3.00			
TOTAL DEPRECIATION	\$ 13.53	\$ 1.59		
TOTAL CASH AND DEPRECIATION COST	\$125.84	\$15.73		
INTEREST ON INVESTMENT @ 6%:				
Land @ \$700	\$ 42.00			
Irrigation system: on 1/2 cost (\$70)	4.20			
Tractor: 2¼ hrs. - \$.45 + 1/3 land prep. & plant 26¢	.71			
Equipment: on 1/2 cost (\$15)	.90			
TOTAL INTEREST	\$ 47.81	\$ 5.98		
TOTAL COST OF PRODUCTION	\$173.65	\$21.71		

Any income from winter green chopping or pasturing would be deducted from total cost to obtain a net cost for the hay.

1/ Approximately 100 lbs. P₂O₅ per year needed on about 20% of the alfalfa in the county. The cost including application would be around \$10.50 per acre.

Cost Per Ton At Varying Yields

Yield - tons per acre	5	6	7	8	9	10
Cash and depreciation cost	\$22.02	\$19.22	\$17.23	\$15.73	\$14.57	\$13.63
Total Cost Per Ton	\$31.58	\$27.19	\$24.06	\$21.71	\$19.88	\$18.41