

ALFALFA SEED PRODUCTION
COST ANALYSIS WORK SHEET

SAMPLE COSTS TO PRODUCE ALFALFA SEED IN KERN COUNTY - 1969
Based on man labor at \$1.85 and \$2.00, 50 H.P. wheel tractor per hour cash costs \$1.50,
Depreciation 75¢, and Interest 40¢.

*Roy M. Barnes

**Edward A. Yeary

Operation	Hours Per Acre	Cash and Labor Costs Per Acre			Sample Costs	My Costs
		Labor	Fuel and Repairs	Material and Other Costs		
<u>Cultural</u>						
1/3 - 1st yr. added costs	1.0	\$ 2.00	\$ 3.17	Seed 33¢, Water \$1.00	\$ 1.33	\$ 6.50
Irrigate: 4 times	4.0	7.40	2.75	Water, 2½ ac. ft. @ \$7.00	17.50	27.65
Pest control: 1/3 times				Material	20.00	20.00
				Application	6.00	6.00
Weed Control	16.0	29.60				29.60
Renovate and cultivate	1.6	3.20	3.52			6.72
Bee rental				3 Hives @ \$5.00	15.00	15.00
Taxes					17.50	17.50
Miscellaneous overhead		2.90	1.50		7.75	12.15
Total Cultural Costs		\$45.10	\$10.94		\$85.08	\$141.12
<u>Harvest</u>						
Defoliate:				Defoliant, 1 qt. Dinitro \$1.50+		
				15 gal. diesel fuel 2.25	\$ 3.75	3.75
				Application	2.00	2.00
Harvest				500 lbs. @ 3¢	15.00	15.00
Haul				500 lbs. @ \$3.00 per ton	.75	.75
Seed certification, cleaning and bags					13.20	13.20
Total Harvest Costs						\$ 34.70
Total Cash and Labor Costs						\$175.82
		Cash and Labor Costs per lb. at 500 lbs. yield				(35.2¢)
<u>Costs at Varying Yields</u>		<u>Investment</u>	<u>Per Acre</u>	<u>Annual Cost</u>		
<u>Pounds</u>	<u>Total Cost</u>	Land	\$800.00	Depreciation	Interest	
<u>Seed Per Acre</u>	<u>Per Pound</u>	Irrigation System	200.00	15.00	7.00	
300	85.2¢	Tractors		3.55	2.04	
600	44.2¢	Equipment	18.00	1.80	.63	
900	30.5¢	Total		\$20.35	\$65.67	\$ 86.02
1200	23.6¢	TOTAL COST PER ACRE				\$261.84
		TOTAL COST PER LB. AT 500 LBS. YIELD				52.4¢

*Farm Advisor

**Farm Advisor statewide

1/ Additional cost for spotted alfalfa aphid and/or mite control is \$5.00 to \$15.00 per acre.

A B O U T T H E S E C O S T D A T A - - -

The cost of production in any agricultural enterprise will vary considerably from ranch to ranch. The input and cost data in this booklet are sample costs. They are intended to be used only as educational guides in assisting you to appraise and plan your own crop and livestock program.

These cost data do not represent industry averages.