

**SAMPLE ANNUAL COSTS TO PRODUCE ALFALFA IN INYO & MONO COUNTIES**

3/82

Prepared by P. Dean Smith, Inyo & Mono Counties Farm Advisor

University of California Cooperative Extension

207 West South St., Bishop, CA 93514

**Description of Farm:** 320 acres; sprinkler irrigation, 12 wheel rolls; water source, well; yield, 6 tons/acre.

<u>Operating Cost</u>	<u>Per Acre</u>	
- Preharvest		
Pest Control		
Weed	\$ 4.00	
Insect	10.00	
Irrigation		
Power - \$40/acre foot X 5 acre feet	200.00	
Maintenance & repairs	20.00	
Irrigation Labor - 6 hours X \$4	<u>24.00</u>	
Total Preharvest Costs . . . . .		\$ 258.00
- Harvest (based upon custom rates)		
Swath - \$4/ton X 6 tons	24.00	
Turn Windrows - \$1.50/ac X 4 times	6.00	
Bale - \$10/ton X 6 tons	60.00	
Roadside - \$3.50/ton X 6 tons	<u>21.00</u>	
Total Harvest Costs. . . . .		\$ 111.00
- Interest on Operating Loan (14% X \$200)		28.00
- Real Property Taxes		10.00
- Office & Bookeeping (2½% of Harvest + Preharvest Costs)		9.23
Total Operating Costs. . . . .		<u>\$ 416.23</u>

Operating Cost Per Ton = \$69.37

<u>Ownership Costs</u>	<u>Per Acre Costs</u>			
	<u>New Cost</u>	<u>Years Life</u>	<u>Interest (10% X ½ Cost)</u>	<u>Depre- ciation</u>
Swather, PTO - 12'	\$ 14,000	6	\$ 2.19	\$ 7.29
SD Rake (double)	3,000	10	.47	.94
Baler - 3 wire S.P.	22,000	10	3.44	6.88
Bale Loader & Stacker	35,000	12	5.47	9.11
Tractor, 40 to 60 HP	20,000	10	3.13	6.25
PU Truck, 1/2 Ton	9,000	15	1.41	1.88
Sprayer	3,000	15	.47	.63
Irrigation System:				
12 side rolls	54,000	10	8.44	16.88
Mainline	54,000	50	8.44	3.38
Pump - 200 HP	20,000	25	3.13	2.50
Well (500 ft.)	20,000	-	3.13	
Land - 320 X \$500/ac	160,000	-	25.00	
Stand - 320 X \$150	48,000	8	7.50	18.75
Buildings:				
Farm Shop	20,000	35	3.13	1.79
Storage Building	7,000	35	1.09	.63
Hay Storage (1000 T)	20,000	25	3.13	2.50
	<u>\$509,000</u>		<u>\$ 79.57</u>	<u>\$ 79.41</u>
Total Ownership Costs/Acre . . . . .				\$ 158.98

Ownership Cost Per Ton = \$26.50

Total Operating & Ownership Cost/Acre. . . . .	\$ 575.21
Management Cost - 5% of Gross Income . . . . .	24.00
Total Cost/Acre . . . . .	<u>\$ 599.21</u>
Total Cost/Ton . . . . .	<u>\$ 99.87</u>