

BARLEY PRODUCTION IN SAN LUIS OBISPO COUNTY - 1976
Cost Analysis Worksheet

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	Sample Costs		My Costs	
	Per Acre	Per Cwt.	Per Acre	Per Cwt.
PRE-HARVEST CASH COSTS:				
Disc or plow 2 x .60 hr labor and tractor	\$ 5.90			
Cultivate fallow 2 x .30 hr labor and tractor	2.95			
Pre-plant tillage .15 hr labor and tractor	1.48			
Fertilize: Preplant 45 lbs n. @ .16 + \$.50 applicator + .3 hr tractor	11.00			
Drilled with seed, 100 lbs 16-20-0 @ \$186/ton	9.30			
Plant: .10 hr, labor and tractor	.98			
Seed: 60 lbs @ \$9 cwt.	5.40			
Weed Control: Broadleaf weeds, contract	2.65			
Oats: 1/5 A @ \$5.60/A contract	1.12			
Misc. labor, materials, machine time	2.00			
Truck: .36/mile total	.36			
Repairs except truck and tractor	3.50			
County taxes (2 years) Ag Preserve \$2.25/year	4.50			
Office and business costs	4.08			
Total Pre-Harvest Costs	\$ 55.22	\$ 3.25		
HARVEST COSTS				
Combining: Custom cost \$10/A to 1,000 lbs then .45 cwt. over 1,000 lbs	\$ 13.15			
Haul to storage: \$4/ton	3.40			
Total Harvest Costs	\$ 16.55	\$.97		
Total Cash Costs	\$ 71.77	\$ 4.22		
DEPRECIATION				
Tractor: 1.45 hrs @ \$2.82	\$ 4.09			
Other equipment: \$8 value, 8 yrs life x 2	2.00			
Storage & buildings: \$6 value 15 yrs life x 2	.80			
Total Depreciation	\$ 6.89	\$.41		
INTEREST ON INVESTMENT @8%				
Tractor: 1.45 hrs @ \$2.10	\$ 3.05			
Other equipment: \$4 average value x 8% x 2	.64			
Storage & buildings: \$3 value x 8% x 2	.48			
Land: \$400/A x 2	64.00			
Total Interest on Investment	\$ 68.17	\$ 4.01		
Total Cost of Production	\$ 146.83	\$ 8.64		
Less Value of Stubble Pasture	\$ 2.00	\$		
NET COST OF PRODUCTION	\$ 144.83	\$ 8.52		

SAMPLE COSTS OF PRODUCTION PER CWT. AT VARYING YIELDS						
Yield: Pounds per acre	1,000	1,400	1,800	2,200	2,600	3,000
Net Cost of Production/Cwt	\$13.87	\$10.10	\$ 7.99	\$ 6.66	\$ 5.74	\$ 5.05

Costs are based on dryland farming practices with the land in crop and fallow in alternate years and producing 1,700 pounds of barley in the crop year. Labor costs \$4.00 per hour total, 70 hp crawler tractor per hour cash costs \$5.90 depreciation \$2.82 and interest \$2.10.