

BARLEY PRODUCTION IN SAN LUIS OBISPO COUNTY - 1974  
Cost Analysis Worksheet

by  
Wilfred E. Cawelti, Farm Advisor  
E. A. Yeary, Farm Advisor-Statewide

	Sample Costs		My Costs	
	Per Acre	Per Cwt.	Per Acre	Per Cwt
<b>PRE-HARVEST CASH COSTS:</b>				
Disc or plow 2 x .30 hr labor and tractor	\$ 2.20			
Cultivate fallow 2 x .15 hr labor and tractor	1.00			
Pre-plant tillage .15 hr labor and tractor	1.00			
Fertilize: materials drilled with seed				
45 lbs N @ .16	7.20			
100 lbs 16-20-0 @ \$156/ton	7.80			
Plant: .10 hr, labor and tractor	.66			
Seed: 60 lbs at \$7.50/cwt	4.50			
Weed Control: Broadleaf weeds, contract	2.20			
Oats: 1/5 A @ \$4.90/A contract	.98			
Misc. labor, materials, machine time	1.00			
Truck: .30/mile total	.30			
Repairs except truck and tractor	2.00			
County taxes (2 years)	17.00			
Office and business costs	3.40			
<b>Total Pre-Harvest Costs</b>	<b>\$ 51.24</b>	<b>\$ 3.01</b>		
<b>HARVEST COSTS</b>				
Combining: Custom cost \$7/A	\$ 7.00			
Haul to storage: \$2/ton	1.70			
<b>Total Harvest Costs</b>	<b>\$ 8.70</b>	<b>\$ .52</b>		
<b>Total Cash Costs</b>	<b>\$ 59.94</b>	<b>\$ 3.53</b>		
<b>DEPRECIATION</b>				
Tractor: .7 hr @ \$2.30	\$ 1.61			
Other equipment: \$4 value 8 yrs life x 2	1.00			
Storage & buildings: \$4.25 value 15 years life x2	.57			
<b>Total Depreciation</b>	<b>\$ 3.18</b>	<b>\$ .19</b>		
<b>INTEREST ON INVESTMENT @ 8%</b>				
Tractor: .7 hr @ \$1.70	\$ 1.19			
Other equipment: \$2 Av. value x 8% x 2	.32			
Storage & buildings \$2.13 Av. value x 8% x 2	.34			
Land: \$400/A x 2	64.00			
<b>Total Interest on Investment</b>	<b>\$ 65.85</b>	<b>\$ 3.87</b>		
<b>Total Cost of Production</b>	<b>\$ 128.97</b>	<b>\$ 7.59</b>		
<b>Less Value of Stubble Pasture</b>	<b>\$ 2.00</b>			
<b>NET COST OF PRODUCTION</b>	<b>\$ 126.97</b>	<b>\$ 7.47</b>		

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	\$12.63	\$10.56	\$ 7.06	\$ 5.79	\$ 4.92	\$ 4.28

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 \$3.50 per hour total, 70 h.p. crawler tractor per hour cash costs \$3.10, depreciation \$2.30 and interest \$1.70.