

BARLEY PRODUCTION IN SAN LUIS OBISPO COUNTY
COST ANALYSIS WORKSHEET - 1982

Prepared by
M.J. Smith Farm Advisor, San Luis Obispo County
E.A. Yearly, Area Farm Management Specialist

	Sample Costs		My Costs	
	Per acre	Per Cwt.	Per Acre	Per Cwt.
PRE-HARVEST CASH COSTS:				
Fallow year tillage:				
Chisel Plow 1x .17 hrs./Acre	\$ 6.75			
Disc 1x .10 hrs./Acre	3.95			
Cultivate 1x .05 hrs./Acre	2.00			
Fertilizer - Pre-plant:				
Material 60lbs. N @16.5¢/lb.	9.90			
Application .05 hrs./Acre + \$1.00/Acre for applicator	3.00			
Pre-plant Tillage:				
Cultivate ½ acreage .03 hrs. labor and tractor.	1.00			
Planting: .10 hrs./Acre	3.95			
Seed - 80 lbs./Acre @\$10.00/Cwt.	8.00			
Fertilizer - materials Application with planting operation.	10.72			
Weed Control:				
Material	15.00			
Application	3.00			
Repairs to equipment	3.00			
Personal property taxes	.30			
TOTAL PER-HARVEST CASH COSTS	\$ 70.57	\$ 3.76		
HARVEST COSTS (owned equipment)				
Harvest, haul, storage.	\$ 13.50			
TOTAL HARVEST COSTS	\$ 13.50	\$.72		
OVERHEAD COSTS				
Office and business costs, interest on operating capital.	\$ 10.00			
TOTAL OVERHEAD COSTS AND CASH	\$ 94.07	\$ 5.01		
DEPRECIATION				
Tractor: .50 hrs. @\$7.26/hr.	\$ 3.63			
Harvester:	5.08			
Equipment:	4.68			
TOTAL DEPRECIATION	\$ 13.39	\$.71		
INTEREST ON INVESTMENT @17%				
Tractor: .50 hrs. @\$6.17/hr.	\$ 3.08			
Harvester:	4.07			
Equipment:	3.99			
TOTAL INTEREST ON INVESTMENT	\$ 11.14	\$.60		
TOTAL COSTS OF PRODUCTION	\$ 118.60	\$ 6.32		

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SAMPLE COSTS OF PRODUCTION/CWT. AT VARYING YIELDS

Costs are based on dryland farming, with a grain - fallow - grain rotation. Sample costs per acre are based on 2500 lbs./Acre production. A share rental agreement provides that the landlord pays all costs associated with owning the land and receives $\frac{1}{4}$ of the gross as rent. [Cost/Cwt. are based on 1875 lbs./Acre ($\frac{3}{4}$ of 2500 lbs./Acre)]. Labor cost to the grower is \$6.00/hour. A 250 horsepower tractor is operated 1240 hours per year, on and off the farm.

SAMPLE COSTS AT VARYING YIELDS

Yield:- Pounds/Acre	2000	2500	3000	3500	4000
Tenant Share (75%of gross)	1500	1875	2250	2625	3000
Pre-harvest costs	\$80.57	\$80.57	\$80.57	\$80.57	\$80.57
Harvest + haul cash costs	12.00	13.50	15.00	16.50	18.00
TOTAL CASH COSTS	\$92.57	\$94.07	\$95.57	\$97.07	\$98.57
Depreciation + Interest	24.53	24.53	24.53	24.53	24.53
TOTAL COST/ACRE	\$117.10	\$118.60	\$120.10	\$121.60	\$124.10
TENANT COST/CWT.	\$7.81	\$6.32	\$5.34	\$4.63	\$4.17

SAMPLE GROSS RETURNS/ACRE AT VARYING YIELDS AND PRICES/CWT.

Price/Cwt.	Yield - Pounds/Acre					
	1500	2000	2500	3000	3500	4000
\$ 5.00	\$ 75.00	\$100.00	\$125.00	\$150.00	\$175.00	\$200.00
5.25	78.75	105.00	131.25	157.50	183.75	210.00
5.50	82.50	110.00	137.50	165.00	192.50	220.00
5.75	86.25	115.00	143.75	172.50	201.25	230.00
6.00	90.00	120.00	150.00	180.00	210.00	240.00
6.28	93.75	125.00	156.25	187.50	218.75	250.00
6.50	97.50	130.00	162.50	195.00	227.50	260.00
6.75	101.25	135.00	168.75	202.50	236.25	270.00
7.00	105.00	140.00	175.00	210.00	245.00	280.00
7.25	208.75	145.00	181.00	217.00	253.00	290.00
7.50	112.50	150.00	187.50	225.00	262.50	300.00