

SAMPLE COSTS OF PRODUCING BARLEY
(land ownership basis)
San Benito County, 1967

H. Bill Collins, Farm Advisor

Philip S. Parsons, Extension Economist

200 crop acres on a larger ranch
Yield -- 2000 pounds per acre after summer fallow

Operation	Hours Per Acre	Cash and labor cost per acre				Cost Per Acre	Cost Per CWT
		Labor	Fuel and Repairs	Materials	and Service		
<u>Cultural Costs</u>							
Summer fallow & seedbed	1.25	\$2.63	\$5.27			\$7.90	
Drill & harrow	.25	.53	.53	seed	\$2.55	3.61	
Weed spray (contract)				½ acreage	1.25	1.25	
Pest Control (contract)				½ acreage	.65	.65	
TOTAL CULTURAL COSTS		\$3.16	\$5.80		\$4.45	\$13.41	\$.67
<u>Harvest Costs</u>							
Harvest (contract)					\$6.00	\$ 6.00	
Haul (contract)					2.00	2.00	
TOTAL HARVEST COST					\$8.00	\$ 8.00	\$.40
<u>Cash Overhead</u>							
Misc. operating costs						\$ 1.07	
Taxes, land 2 years, equipment annually						\$ 5.85	
TOTAL CASH OVERHEAD						\$ 6.92	\$.35
TOTAL CASH COST						\$28.33	\$1.42
MANAGEMENT, 5% of 2000 pounds @ \$2.30						\$ 2.30	\$.11
<u>Investment Overhead</u>							
				<u>Annual Cost Per Acre</u>			
	<u>INVESTMENT</u>	<u>PER ACRE</u>	<u>Depreciation</u>	<u>Interest</u>			
	75 HP crawler tractor	\$ 87.85	\$4.39	\$ 3.07			
	30 HP wheel tractor	20.00	1.00	.70			
	Cultivating equipment	14.60	1.26	.52			
	14' grain drill	4.60	.31	.16			
	2 ton truck, ½ ton pickup	14.00	1.90	.49			
	Storage, misc. tools	17.40	.84	.61			
	Land, 2 years, \$200/acre	400.00	----	28.00			
TOTAL INVESTMENT OVERHEAD		\$558.45	\$9.70	\$33.55		\$43.25	\$2.16
TOTAL COST PER ACRE						\$73.88	\$3.69
Less value of stubble						2.00	
NET COST						\$71.88	\$3.59

Hourly cash costs used: 75HP crawler tractor \$2.60, 30 HP wheel tractor \$.82, 15' disc \$1.55, grain drill \$.90, 2 ton truck \$2.50. Labor including fringe benefits \$2.10.

COSTS OF PRODUCING BARLEY AT VARYING YIELDS

POUNDS PER ACRE	1000	1500	2000	2500	3000	3500	4000
COST PER CWT	\$6.97	\$4.72	\$3.59	\$2.98	\$2.57	\$2.28	\$2.06

SAMPLE COSTS OF PRODUCING BARLEY HAY*
(land ownership basis)
San Benito County, 1967

H. Bill Collins, Farm Advisor

Philip S. Parsons, Extension Economist

50 acres of hay on a grain farm
Yield -- 2½ tons per acre after summer fallow

Operation	Hours Per Acre	Cash and labor cost per acre				Cost Per Acre	Cost Per Ton
		Labor	Fuel and Repairs	Materials	and Service		
Cultural Costs							
Summer fallow & seedbed	1.25	\$2.63	\$5.27			\$ 7.90	
Drill & harrow	.25	.53	.53	seed	\$2.55	3.61	
Weed spray (contract)				½ acreage	1.25	1.25	
TOTAL CULTURAL COSTS		\$3.16	\$5.80		\$3.80	\$12.76	\$ 5.10
Harvest Costs							
Mow and rake	.6	\$1.26	\$.74			\$ 2.00	
Bale	.5	1.05	1.16	wire	\$2.50		
Haul and stack, 2 men	.75	3.15	2.13			5.28	
TOTAL HARVEST COSTS		\$5.46	\$4.03		\$2.50	\$11.99	\$ 4.80
Cash Overhead							
Misc. operating costs						\$ 1.24	
Taxes, land 2 years, equipment annually						3.93	
TOTAL CASH OVERHEAD						\$ 5.17	\$ 2.07
TOTAL CASH COST						\$29.92	\$11.97
MANAGEMENT, 5% of 2½ tons @ \$21						\$ 2.63	\$ 1.05
Investment Overhead							
	<u>INVESTMENT</u>	<u>PER ACRE</u>	<u>Annual Cost Per Acre</u>				
			<u>Depreciation</u>	<u>Interest</u>			
	75 HP crawler tractor	\$100.40	\$ 5.02	\$ 3.51			
	30 HP wheel tractor	20.00	1.00	.70			
	Cultivating equipment	14.60	1.98	.52			
	Grain drill	4.65	.31	.16			
	Harvesting equipment	105.00	5.25	3.68			
	2 ton truck, ½ ton pickup	23.00	2.80	.81			
	Storage, misc. tools	5.60	.14	.20			
	Land, 2 years	400.00		28.00			
TOTAL INVESTMENT OVERHEAD		\$673.25	\$16.50	\$37.58		\$54.08	\$21.63
TOTAL COST						\$86.63	\$34.65

*Sample costs shown here reflect costs in a salvage situation where barley is planted for grain, but for some reason, is cut for hay.

Hourly cash costs used: 75 HP crawler tractor \$2.60, 30 HP wheel tractor \$.82, 15' disc \$1.55, 2 ton truck \$2.50, grain drill \$.90, mower \$.60, baler \$1.50, bale loader \$.25, rake \$.20, harrow \$.16. Labor -- \$2.10 per hour including fringe benefits.

COSTS OF PRODUCING BARLEY HAY AT VARYING YIELDS

TONS PER ACRE	1	1½	2	2½	3	3½	4
COST PER TON	\$78.75	\$54.26	\$42.00	\$34.66	\$29.75	\$26.25	\$23.62