

SAMPLE COSTS OF PRODUCING BARLEY HAY*

(share rent 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		
<u>Cultural Costs</u>						
Summer fallow & seedbed	1.25	\$2.63	\$5.27		\$ 7.90	
Drill and 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
<u>Harvest Costs</u>						
Mow and rake	.6	\$1.26	\$.74		\$ 2.00	
Bale	.5	1.05	1.16	wire \$2.50	4.71	
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
<u>Cash Overhead</u>						
Misc. operating costs					\$ 1.24	
Taxes on equipment					1.70	
2 ton truck rental					1.00	
Share rent 5/8 ton @ \$21					13.13	
TOTAL CASH OVERHEAD					\$17.07	\$ 6.83
TOTAL CASH COST					\$41.82	\$16.73
MANAGEMENT, 5% of 2½ tons @ \$21					\$ 2.63	\$ 1.05
<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		\$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		
½ ton pickup truck		5.00	1.00	.18		
Storage, misc. equipment		5.60	.14	.20		
TOTAL INVESTMENT OVERHEAD		\$255.25	\$14.70	\$8.95	\$23.65	\$ 9.46
TOTAL COST					\$68.10	\$27.24

*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 all fringe benefits.

COSTS OF PRODUCING BARLEY HAY AT VARYING YIELDS

TONS PER ACRE	1	1½	2	2½	3	3½	4
COST PER TON	\$52.34	\$38.41	\$31.42	\$27.24	\$24.44	\$22.45	\$20.96

SAMPLE COSTS OF PRODUCING BARLEY

(share rent 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 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)				¼ 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 COSTS				\$8.00	\$ 8.00	\$.40
<u>Cash Overhead</u>						
Misc. operating costs					\$ 1.07	
Taxes on equipment					.93	
2 ton truck rental					1.00	
Rent -- ¼ share					11.50	
TOTAL CASH OVERHEAD					\$14.50	\$.73
TOTAL CASH COST					\$35.91	\$1.80
MANAGEMENT, 5% of 2000 pounds @ \$2.30 cwt					\$ 2.30	\$.11
<u>Investment Overhead</u>						
				<u>Annual Cost Per Acre</u>		
				<u>Depreciation</u>	<u>Interest</u>	
<u>INVESTMENT</u>		<u>PER ACRE</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	
Pickup truck		5.00		1.00	.17	
Storage, misc. tools		7.40		.26	.26	
TOTAL INVESTMENT OVERHEAD		\$139.45		\$8.22	\$4.88	\$13.10
TOTAL COST						\$51.31
						\$2.57

Hourly cash costs used: 75 HP 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	\$4.34	\$3.16	\$2.57	\$2.27	\$2.08	\$1.94	\$1.84