

SAMPLE COSTS OF PRODUCING BARLEY  
(cash 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			
<b>Cultural Costs</b>							
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	
<b>TOTAL CULTURAL COSTS</b>		<b>\$3.16</b>	<b>\$5.80</b>		<b>\$4.45</b>	<b>\$13.41</b>	<b>\$ .67</b>
<b>Harvest Costs</b>							
Harvest (contract)					\$6.00	\$ 6.00	
Haul (contract)					2.00	2.00	
<b>TOTAL HARVEST COSTS</b>					<b>\$8.00</b>	<b>\$ 8.00</b>	<b>\$ .40</b>
<b>Cash Overhead</b>							
Misc. operating costs						\$ 1.07	
Taxes on equipment						.93	
2 ton truck rental						1.00	
Cash rent, 2 years						16.00	
<b>TOTAL CASH OVERHEAD</b>						<b>\$19.00</b>	<b>\$ .95</b>
<b>TOTAL CASH COST</b>						<b>\$40.41</b>	<b>\$2.02</b>
<b>MANAGEMENT, 5% of 2000 pounds @ \$2.30 cwt</b>						<b>\$ 2.30</b>	<b>\$ .11</b>
<b>Investment Overhead</b>							
				<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		
Pickup truck		5.00		1.00	.17		
Storage, misc. tools		7.40		.26	.26		
<b>TOTAL INVESTMENT OVERHEAD</b>		<b>\$139.45</b>		<b>\$8.22</b>	<b>\$4.88</b>	<b>\$13.10</b>	<b>\$ .66</b>
<b>TOTAL COST PER ACRE</b>						<b>\$55.81</b>	<b>\$2.79</b>
Less value of stubble						2.00	
<b>NET COST</b>						<b>\$53.81</b>	<b>\$2.69</b>

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	\$5.16	\$3.51	\$2.69	\$2.26	\$1.97	\$1.77	\$1.61

**SAMPLE COST OF PRODUCING BARLEY HAY\***

(cash 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		
<b>Cultural Costs</b>						
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	
<b>TOTAL CULTURAL COSTS</b>		<b>\$3.16</b>	<b>\$5.30</b>	<b>\$3.80</b>	<b>\$12.76</b>	<b>\$ 5.10</b>
<b>Harvest Costs</b>						
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	
<b>TOTAL HARVEST COSTS</b>		<b>\$5.46</b>	<b>\$4.03</b>	<b>\$2.50</b>	<b>\$11.99</b>	<b>\$ 4.80</b>
<b>Cash Overhead</b>						
Misc. operating costs					\$ 1.24	
Taxes on equipment					1.70	
2 ton truck rental					1.00	
Cash land rent, 2 yrs.					16.00	
<b>TOTAL CASH OVERHEAD</b>					<b>\$19.94</b>	<b>\$ 7.98</b>
<b>TOTAL CASH COST</b>					<b>\$44.69</b>	<b>\$17.88</b>
<b>MANAGEMENT, 5% of 2½ tons @ \$21</b>					<b>\$ 2.63</b>	<b>\$ 1.05</b>
<b>Investment Overhead</b>						
				<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		
<b>TOTAL INVESTMENT OVERHEAD</b>		<b>\$255.25</b>	<b>\$14.70</b>	<b>\$8.95</b>	<b>\$23.65</b>	<b>\$ 9.46</b>
<b>TOTAL COST</b>					<b>\$70.97</b>	<b>\$28.39</b>

\*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
<b>COST PER TON</b>	<b>\$63.09</b>	<b>\$43.82</b>	<b>\$34.17</b>	<b>\$28.39</b>	<b>\$24.53</b>	<b>\$21.77</b>	<b>\$19.71</b>