

SAMPLE COSTS OF PRODUCING DRYLAND BARLEY
(Summer Fallow Plan)
San Benito County, 1973

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200 crop acres on a larger ranch
Yield -- 2500 pounds per acre after fallow

Operation	Hrs. Per Acre	Cash and Labor Costs Per Acre				Total
		Labor	Fuel & Repairs	Materials	Cost	
Cultural Costs						
Summer fallow and seedbed preparation	1.15	\$ 2.99	\$ 5.18			\$ 8.17
Fertilize, 1x	.26	.68	.72	200# 21-0-0	\$ 7.60	9.00
Drill and harrow	.26	.77	1.44	80# seed @ \$5.00/cwt	4.00	6.21
Weed spray (contract) 3/4x					2.44	2.44
TOTAL CULTURAL COST		\$ 4.44	\$ 7.34		\$14.04	\$25.82
Harvest Costs						
Combine	.40	\$ 1.40	\$ 1.86			\$ 3.26
Haul (contract) 10¢/cwt					\$ 2.50	2.50
TOTAL HARVEST COST		\$ 1.40	\$ 1.86		\$ 2.50	\$ 5.76
Cash Overhead						
Misc., office, pickup, insurance, interest on operating capital, 12% of cultural costs						\$ 3.10
Taxes on equipment						3.89
Rent, 2 years @ \$8.75/acre/year						17.50
TOTAL CASH OVERHEAD						\$24.49
TOTAL CASH COST						\$56.07
TOTAL CASH COST PER CWT.					\$ 2.24	
MANAGEMENT						
5% of 25 cwts. @ \$4.00/cwt.						\$ 5.00
Investment Costs						
		<u>Per Acre</u>	<u>Annual Cost Per Acre</u>			
			<u>Depreciation</u>	<u>Interest</u>		
TOTAL INVESTMENT COST		\$374.94	\$29.17	\$13.51		\$42.68
TOTAL COST PER ACRE						\$103.75
Less value of stubble						2.00
NET COST PER ACRE						\$101.75
TOTAL COST PER CWT.					\$ 4.07	

COST OF PRODUCING BARLEY AT VARYING YIELDS

POUNDS PER ACRE	1000	1500	2000	2500	3000	3500	4000
COST PER CWT.	\$9.43	\$6.28	\$4.96	\$4.07	\$3.48	\$3.05	\$2.73

BARLEY

San Benito County, 1973
APPENDIX --- COSTS, USED

DETAILS OF SUMMER FALLOW AND SEEDBED PREPARATION

Cash and Labor Costs Per Acre

	Size	Hrs/acre	Cash			Total	
			Labor	Fuel	Repairs	Each Time	All Times
Chisel, 1x						2.32	2.32
Tractor, diesel crawler	60 hp	.33	.86	1.23			
Chisel	10 ft	.33		.23			
Disc, 3x						1.54	4.63
Tractor, diesel crawler	60 hp	.60	1.56	2.23			
Disc, offset hydraulic	14 ft	.60		.84			
Springtooth, 1x						1.22	1.22
Tractor, diesel wheel	70 hp	.22	.57	.48			
Harrow, springtooth	16 ft	.22		.17			
TOTAL SUMMER FALLOW AND SEEDBED PREPARATION		1.15	2.99	5.18			8.17

(1) Horsepower at 75% of maximum

INVESTMENT COSTS INCLUDED

INVESTMENT	PER ACRE	ANNUAL COST PER ACRE		
		Depreciation	Interest	Total
Pickup trucks, two	15.00	3.00	.60	3.60
Tractor, diesel crawler, 60 hp	126.70	8.56	5.07	13.63
Tractor, diesel wheel, 70 hp	53.00	5.30	2.12	7.42
Chisel, 10 ft.	7.20	.72	.29	1.01
Disc, hydraulic offset, 14 ft.	12.40	1.24	.50	1.74
Harrow, springtooth, 16 ft.	6.88	.69	.28	.97
Harrows, two 12 ft. spike	3.36	.17	.13	.30
Fertilizer spreader, 12 ft.	2.40	.48	.10	.58
Grain drill, 12 ft.	10.00	1.00	.40	1.40
Harvester, self-propelled, 10 ft.	68.00	6.80	2.72	9.52
Grain storage bin	17.00	.43	.18	.61
Grain elevator	3.00	.15	.12	.27
Shop and equipment storage	50.00	.63	1.00	1.63
TOTAL INVESTMENT COST	374.94	29.17	13.51	42.68

HOURLY LABOR RATES USED

	Base Rate	Fringes & Other	Total		Base Rate	Fringes & Other	Total
Harvester Operator	\$2.90	\$.60	\$3.50	Tractor Driver	\$2.15	\$.45	\$2.60
Planting Operator	2.45	.50	2.95				