



BARLEY

as a
**CASH
CROP**

University of California
College of Agriculture Extension Service
Merced County

COSTS TO PRODUCE IRRIGATED SMALL GRAINS IN MADERA AND MERCED COUNTY - 1961
 Based on man labor at \$1.25 per hour; 40 H.P. wheel tractor cash cost per hour \$1.25
 Depreciation \$.70; interest \$.25

Yield - 1½ Tons Per Acre

Operation	Hours Per Acre	Cash and Labor Cost Per Acre			Sample Costs	My Costs	
		Labor	Fuel and Repairs Equipment	Materials and Other Costs			
Cultural:							
Land Preparation	2.0	\$2.50	\$2.50		\$5.00		
Fertilize (broadcast)	.25	.31	.31	40# N @ 12¢ \$4.80	5.42		
Plant (broadcast or drill)	.25	.31	.31	80# Seed @ \$5.00 cwt. 4.00	4.62		
Irrigate: 1 crop, 1 Pre	2.0	2.50	1.00	1.5 Acre ft., tax or power \$3.50 5.25	8.75		
Taxes (1/2 of annual)	--				3.25		
Miscellaneous	.5	.65	.65	Miscellaneous materials and repairs .50 Office, car, oper. capital, etc. 1.50	1.80 1.50		
Total Cultural Costs		\$6.27	\$4.77		\$19.30	\$30.34	
Harvest:							
Combine			Contract		\$ 6.50		
Haul			Contract @ \$2.00 per Ton		3.00		
Total Harvest Costs						\$ 9.50	
Total Cash and Labor Costs						\$39.84	
Costs at Varying Yields							
<u>Tons Per Acre</u>	<u>Cost Per Ton</u>	<u>Investment Per Acre</u>	<u>½ of Depreciation</u>	<u>½ of Interest @6%</u>			
1.0	\$63.09	Land \$550	-	\$16.50			
1.5	42.73	Irrigation System 50	\$1.25 (20 yrs)	.75			
2.0	32.55	Buildings 40	1.00 (20 yrs)	.60			
2.5	26.43	Tractor - 3 hours	2.10	.75			
		Equipment 20	1.00 (10 yrs)	.30			
		\$660	\$5.35	\$18.90		\$24.25	
		TOTAL COST PER ACRE				\$64.09	
		COST PER TON @ 1½ TON YIELD				\$42.73	