

CROP CLIP SHEET

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SAMPLE COSTS TO PRODUCE IRRIGATED BARLEY

in

Merced and Madera Counties - 1979

By

Bill L. Weir, Farm Advisor, Merced County
Ronald N. Vargas, Farm Advisor, Madera County
Edward A. Yeary, Farm Advisor

The first step in intelligent crop planning is an objective analysis of production costs and potential profits. The sample costs on the reverse side of this page are for growing barley in Merced and Madera Counties. The figures used are from the latest and most reliable sources available and are based on good management practices. It is assumed that barley will be grown in rotation with other field crops.

Proprietary seed varieties may be more expensive than the \$9.00 per cwt indicated.

A suggested way to use the sample costs sheet is to insert your actual costs in the blank column and use the sample costs only when actual costs are not known. Overhead fixed costs may be omitted when comparing alternate crops.

The table below shows the effect of various yields on production costs using the sample costs shown on the reverse side of this page.

SAMPLE COSTS TO PRODUCE IRRIGATED BARLEY AT VARYING YIELDS

Yield: Tons per Acre	1.0	1.5	2.0	2.5	3.0
Costs per Ton	\$204.82	\$138.58	\$105.46	\$85.59	\$72.34

Bill Weir

Bill L. Weir, Ph.D.
Farm Advisor

240 West 17th Street, Merced, California 95340 726-7404C Cooperative Extension



IRRIGATED BARLEY - DOUBLE CROPPED

Cost Analysis Work Sheet

Sample Costs to Produce Irrigated Barley in Merced and Madera Counties, 1979

Equipment operator \$4.80 per hour total cost

Other labor \$3.90 per hour total cost

Wheel tractor per hour cash costs \$4.30

Depreciation \$2.00 and Interest \$1.20

Yield: 1 3/4 tons per acre double cropped

Operation	Hours per acre	Cash and Labor Costs Per Acre				Sample costs per acre	My Costs
		Labor	Fuel and repairs	Materials	Costs		
Land preparation	2.00	\$ 9.60	\$11.60			\$ 21.20	
Fertilizer, broadcast	.25	1.20	1.40	80 lbs. N @ 20¢	\$16.00	18.60	
Plant (broadcast or drill)	.25	1.20	1.40	100 lbs. seed @ \$9.00	9.00	11.60	
Irrigate, 1 pre 2 crop	2.00	7.80	2.50	1 1/2 ac. ft. water @ \$6.00	9.00	19.30	
Taxes: 1/2 of annual					5.50	5.50	
Misc. labor, material, power	.50	2.40	2.15	materials	2.00	6.55	
PRE-HARVEST COSTS		\$22.20	\$19.05		\$41.50	\$ 82.75	
Harvest Costs							
Combine				\$12.00/acre + \$3.00/ton	\$17.25	\$ 17.25	
Haul				\$3.10/ton (up to 10 miles)	5.42	5.42	
TOTAL HARVEST COSTS					\$22.67	\$ 22.67	
Business and office costs				6% of cultural and harvest		6.32	
TOTAL CASH COSTS						\$111.74	

Sample Costs at Varying Yields

Tons/Acre	Costs/Ton	Depreciation and Interest			
		Investment Per Acre	Depreciation	Interest 9%	
1.0	\$204.82	Land 1500		\$67.50	
1.5	138.58	Irrig. system 280 1/2	\$ 7.00	6.30	
2.0	105.46	Tractor 3 hrs.	6.00	3.60	
2.5	85.59	Equipment 100 1/2	5.00	2.25	
3.0	72.34		\$18.00	\$79.65	\$ 97.65
Total Cost Per Acre					\$209.39
Total Cost Per Ton at 1 3/4 Ton Yield					\$119.65

Ronald N. Vargas
Farm Advisor
Madera County

Bill L. Weir
Farm Advisor
Merced County

Edward A. Yeary
Farm Advisor-Statewide
Parlier