

WHAT WILL IT COST TO GROW IRRIGATED BARLEY IN MADERA COUNTY
(Double Cropped With Corn For Silage, Beans, Or Milo)

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Costs of growing any crops will vary considerably on different ranches. The table below contains approximate costs of growing irrigated barley in Madera County. These costs are not based on conditions for any one ranch. This table is designed as a guide in helping you to determine the cost of growing irrigated barley on your ranch and in aiding you in appraising and planning your crop program.

This cost analysis is based on irrigated barley grown on well-developed land in rotation with cotton, irrigated pasture, alfalfa, and other field crops. It is assumed that most barley will be followed with a double crop of beans, milo or silage corn, for best land utilization. Some land following barley may be summer fallowed for weed or nematode control. The analysis is also based on a moderate sized acreage, the use of both well and ditch water, contract harvesting, and bulk handling. Where conditions and costs vary from those given, you can make adjustments accordingly in appraising your irrigated barley enterprise.

	<u>Sample Costs</u>		<u>My Costs</u>	
	Per	Per	Per	Per
	Acre	Cwt. (1)	Acre	Cwt.
<u>LABOR COSTS: (2)</u>				
Prepare land: Plow, disk, harrow, etc. 3½ man and tractor hrs.		\$8.75		
Drill: Man and tractor 1/3 hr.		.83		
Irrigate: 1 pre and 2 crop--4 man hrs.		4.00		
Fertilize: No additional labor cost				
Combine: Contract		7.00		
Haul (bulk) to storage at \$2.00 per ton		3.00		
Total Labor and Field Power Cost		\$23.58		\$.78
<u>MATERIAL COSTS:</u>				
Irrigation water: 1½ acre feet		3.75		
Seed: 75 lbs. @ \$4.40		3.30		
Fertilizer: 40 lbs. nitrogen @ \$.16		6.40		
Total Material Cost		\$13.45		\$.45
<u>CASH OVERHEAD COSTS:</u>				
General Expense: Office, phone, car, etc.		1.85		
County Taxes: ½ annual cost		2.50		
Repairs (except tractors & trucks), insurance, etc.		2.00		
Total Cash Overhead Cost		\$6.35		\$.21
TOTAL CASH, LABOR AND FIELD POWER COST		\$43.38		\$1.44
<u>DEPRECIATION COSTS:</u>				
Irrigation Facilities: \$80 cost--20 yrs. life ½ of annual cost of \$4.00		2.00		
Tillage & Other Equip.--\$15 cost--ten yrs. life		1.50		
Total Depreciation Cost		\$3.50		\$.12
<u>INTEREST ON INVESTMENT AT 5%:</u>				
Irrigation facilities, tillage, & other equip: Barley share on ½ original cost--\$27.50		1.38		
Land at \$400: ½ annual cost to barley		10.00		
Total Interest On Investment		\$11.38		\$.38
TOTAL COST OF PRODUCTION		\$58.26		\$1.94

(1) Based on a yield of 3,000 lbs. per acre.

(2) Man labor at \$1.00 per hour and medium wheel tractor at \$1.50 per hour.