

1970

BL-VS-70-2

IRRIGATED BARLEY SINGLE CROPPED IN KINGS COUNTY  
UNDER WEST SIDE FARMING CONDITIONS

## COST ANALYSIS WORK SHEET

Based on a yield of 4000 lbs. per acre. Man labor at \$1.90 per hour total and equipment operator \$2.10. Heavy Crawler tractor per hour cash costs \$3.50, depreciation \$1.90 and interest 90 cents.

Sidney W. Kite, Farm Advisor

Edward Yeary, Farm Advisor - Statewide

	SAMPLE COSTS		MY COSTS	
	Per Acre	Per Cwt.	Per Acre	Per Cwt.
<b>Pre-Harvest Cash Costs:</b>				
Land Preparation: Disc 2X and 1/3 cost of landplanning 2X: total 3/4 hr. man and tractor		\$ 4.20		
Fertilize: 1/8 hr. man and tractor plus 50 cents acre rent for injector rig		1.20		
Fertilizer: 100 lbs. "N" at 4½ cents		4.50		
Gypsum: Annual average cost		4.00		
Pre-Irrigate: Water, 1½ acre ft. at \$10.00		15.00 ✓		
Labor: 1 Hour		1.90		
Disc 2X and seed bed preparation 1/6 hour man and tractor		.93		
Plant: 2 men and 1/8 hr. tractor		.75		
Seed: 80 lbs. at 4 cents		3.20		
Irrigate: 6" water at \$10.00		5.00 ✓		
Labor: ½ Hour		.95		
Broadleaf Weed Control: Air application		1.50		
Material		.60		
Miscellaneous, including labor and 1/3 hour man and tractor, and materials		2.45		
County Taxes (Estimate)		9.00 ✓		
Repairs, except tractor		1.75		
Office, Car, Insurance, Business Costs, etc.		3.45		
<b>TOTAL PRE-HARVEST CASH COSTS</b>		<b>\$ 60.38</b>		<b>\$ 1.51</b>
<b>Harvesting Costs:</b>				
Custom Combine: \$5.00 per acre plus 10 cents cwt. over first 1000 lbs/acre		\$ 8.00		
Hauling: \$2.00 ton		4.00		
<b>TOTAL HARVESTING COSTS</b>		<b>\$ 12.00</b>		<b>\$ .30</b>
<b>TOTAL CASH COSTS</b>		<b>\$ 72.38</b>		<b>\$ 1.81</b>
<b>Depreciation:</b>				
Equipment and facilities except tractor: Cost \$40.00, 10 yr. life		\$ 4.00		
Tractor: 1½ hrs. at \$1.90		2.85		
<b>TOTAL DEPRECIATION</b>		<b>\$ 6.85</b>		<b>\$ .17</b>
<b>Interest on Investment at 7%</b>				
Equipment and facilities, except tractor: ½ cost \$20.00		\$ 1.40		
Tractor: 1½ hrs. at 90 cents		1.35		
Land: \$500.00		35.00		
<b>TOTAL INTEREST ON INVESTMENT</b>		<b>\$ 37.75</b>		<b>\$ .94</b>
<b>TOTAL COST OF PRODUCTION</b>		<b>\$116.98</b>		<b>\$ 2.92</b>

UC Cooperative Extension  
(OVER)

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COST ANALYSIS WORK SHEET

SAMPLE COSTS PER CWT. AT VARYING YIELDS

YIELD: POUNDS PER ACRE	2000	3000	4000	5000	6000
CASH AND DEPRECIATION COSTS	\$3.76	\$2.57	\$1.98	\$1.62	\$1.39
TOTAL COST PER CWT.	\$5.65	\$3.83	\$2.92	\$2.38	\$2.02