

## IRRIGATED BARLEY DOUBLE CROPPED - 1980

Based on a yield of 4000 lbs. per acre. Field labor at \$4.50 per hour total and equipment operator \$5.50 per hour. Heavy wheel tractor per hour cash cost \$9.00, depreciation \$2.80, and interest \$1.90. Medium wheel tractor, diesel per hour costs \$4.00, depreciation \$1.80, and interest \$1.10. Water supply-well; output 1350 GPM.

Sidney W. Kite, Kings County Farm Advisor AND Edward A. Yeary, Farm Advisor - Statewide

	SAMPLE COSTS	
	PER ACRE	PER CWT.
<b>Pre-Harvest Cash Costs:</b>		
Land preparation: Disc, ditch, border, land plane, etc. Total 1-1/2 hours man and heavy tractor	21.75	
Fertilizer: 1/8 hour man and heavy tractor, plus \$1.25 acre cost for injector rig.	3.06	
Fertilizer: 80 lbs. "N" at 15¢. 40 lbs. P <sub>2</sub> O <sub>5</sub> at 50.5¢ lb.	32.20	
Pre-Irrigation: Water; 1 acre ft. at \$12.70	12.70	
Labor: 1 hour	4.50	
Seed bed preparation: 1/2 hour man and heavy tractor	7.25	
Plant: 2 men and 1/4 hour medium tractor	3.50	
Seed: 100 lbs. at 9¢	9.00	
Irrigate 2X: Total 1' water	12.70	
Labor: 1 hour	4.50	
Broadleaf Weed Control: Air application \$3.50 Material \$2.75	6.25	
Fertilizer: 80 lbs. "N" at 15¢/lb. (in water)	12.00	
Miscellaneous, including labor and 1/2 hour medium tractor, and materials	6.75	
County and District Taxes: 1/2 of \$25.00 (estimate)	12.50	
Repairs, except tractor	7.00	
Office, car, insurance, business costs, etc.	16.26	
<b>TOTAL PRE-HARVEST CASH COSTS</b>	<b>\$171.92</b>	<b>\$ 4.30</b>
<b>Harvesting Costs:</b>		
Custom Combine: \$12.00 per acre plus 15¢/cwt.	18.00	
Hauling: \$3.50 per ton	7.00	
<b>TOTAL HARVESTING COSTS</b>	<b>\$ 25.00</b>	<b>\$ .62</b>
<b>TOTAL CASH COSTS</b>	<b>\$196.92</b>	<b>\$ 4.92</b>
<b>Depreciation:</b>		
Pump, panel, irrigation system, and well: \$320.00 cost 12 years, 1/2 cost	13.34	
Equipment and facilities except tractor: Cost \$100.00 10 years life, 1/2 cost	5.00	
Heavy Tractor: 2-1/8 hours at \$2.80 plus medium tractor 3/4 hour at \$1.80	7.30	
<b>TOTAL DEPRECIATION</b>	<b>\$ 25.64</b>	<b>\$ .64</b>
<b>Interest on Investment at 13%:</b>		
Irrigation system and well cost \$160.00 (1/2 cost)	10.40	
Equipment and facilities except tractor: \$50.00 (1/2 cost)	3.25	
Heavy Crawler: 2-1/8 hrs. at \$1.90 and medium tractor 3/4 hours at \$1.10	4.87	
Land: \$3,000 (1/2 cost)	195.00	
<b>TOTAL INTEREST ON INVESTMENT</b>	<b>\$213.52</b>	<b>\$ 5.34</b>
<b>TOTAL COST OF PRODUCTION</b>	<b>\$436.08</b>	<b>\$10.90</b>

SAMPLE COSTS PER CWT. AT VARYING YIELDS

YIELD: POUNDS PER ACRE	2000	3000	4000	5000	6000
CASH AND DEPRECIATION COSTS	\$10.80	\$ 7.31	\$ 5.56	\$ 4.52	\$ 3.82
TOTAL COST PER CWT.	\$21.48	\$14.43	\$10.90	\$ 8.79	\$ 7.38

NOTE:

Phosphorus may or may not be needed. If added the resulting costs will be increased. Special problems such as Wild Oats and Fiddleneck, pest and/or disease control, etc. will also affect costs.

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