

IRRIGATED BARLEY DOUBLE CROPPED IN KINGS COUNTY
UNDER NORTH EAST COUNTY CONDITIONS - 1970

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. 80 HP Crawler tractor per hour cash costs \$3.20, depreciation \$1.80 and interest 72 cents. Medium wheel tractor \$1.40, 74¢ and 30¢.

Sidney W. Kite, Farm Advisor

Edward Yeary, Farm Advisor - Statewide

	SAMPLE COSTS		MY COSTS	
	Per Acre	Per Cwt.	Per Acre	Per Cwt.
Pre-Harvest Cash Costs:				
Land Preparation: Disc 2X, harrow, ditch and border work, landplans, etc. - 1½ hrs. man and track layer	\$	7.95		
Fertilize: 1/8 hr. man and wheel tractor plus 50 cents per acre for injector rig		.94		
Fertilizer: 100 lbs. "N" at 5 cents		5.00		
200 lbs. Single Super Phosphate (4.47) + 75 cents spreading		5.22		
Pre-Irrigation: 1 acre ft. water at \$2.50		2.50		
Labor: 1 Hour		1.90		
Seed bed Preparation: ½ Hr. Crawler tractor		2.65		
Plant: ¼ hr., 2 men and wheel tractor		1.80		
Seed: 80 lbs. at 4 cents		3.20		
Irrigate 2X: 1 ft. water at \$2.50		2.50		
Labor: 1 hour		1.90		
Fertilizer: 25 lbs. "N" at 5 cents (in water)		1.25		
Broadleaf Weed Control: \$2.00 + 60 cents material		2.60		
Miscellaneous, including labor, ½ hr. wheel tractor		2.45		
County and District Taxes: ½ of \$18.40		9.20		
Repairs, except tractors		1.75		
Office, Car, Insurance, Business Costs, etc.		3.17		
TOTAL PRE-HARVEST CASH COSTS	\$	55.98	\$	1.40
Harvesting Costs:				
Custom Combine: \$5.00 per acre plus 10 cents cwt. over first 1000 lbs.	\$	8.00		
Hauling: \$2.00 ton		4.00		
TOTAL HARVESTING COSTS	\$	12.00	\$.30
TOTAL CASH COSTS	\$	67.98	\$	1.70
Depreciation:				
Pump, panel, well, irrigation system \$320.00 cost 20 yrs., ½ of \$16.00	\$	8.00		
Equipment (except tractors) \$30.00 cost, 10 yrs. life; ½ of \$3.00		1.50		
Crawler Tractor: 2 hrs. at \$1.80		3.60		
Wheel Tractor: 7/8 hr. at 74 cents		.65		
TOTAL DEPRECIATION	\$	13.75	\$.35

(OVER)

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UNDER NORTH EAST COUNTY CONDITIONS

COST ANALYSIS WORK SHEET

	SAMPLE COSTS		MY COSTS	
	Per Acre	Per Cwt.	Per Acre	Per Cwt.
<u>Interest on Investment at 7%</u>				
Land: \$700.00 at 7% ($\frac{1}{2}$ Value)		\$ 29.50		
Pump, panel, well, irrigation system \$160.00 ($\frac{1}{2}$ value)		5.60		
Equipment (except tractors) \$15.00 at 7% ($\frac{1}{2}$ value)		.53		
Crawler Tractor: 2 hrs. at 72 cents		1.44		
Wheel Tractor: 7/8 hr. at 30 cents		.26		
<u>TOTAL INTEREST ON INVESTMENT</u>		\$ 37.33	\$.93	
<u>TOTAL COST OF PRODUCTION</u>		\$119.06	\$ 2.98	

SAMPLE COSTS PER CWT. AT VARYING YIELDS

YIELD: POUNDS PER ACRE	2000	3000	4000	5000	6000
CASH AND DEPRECIATION COSTS	\$3.89	\$2.66	\$2.04	\$1.63	\$1.43
<u>TOTAL COST PER CWT.</u>	<u>\$5.75</u>	<u>\$3.90</u>	<u>\$2.98</u>	<u>\$2.42</u>	<u>\$2.05</u>