

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

COST ANALYSIS WORK SHEET

Based on a yield of 4,000 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 landplans, etc. 1½ hours man and track layer	\$ 7.95			
Fertilize: 1/8 hr. man and wheel tractor plus 50 cents acre for injector rig	.94			
Fertilizer: 120 lbs. "N" at 5 cents	6.00			
200 lbs. Single Super Phosphate (4.47) + 75 cents spread	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: 100 lbs. at 7 cents	7.00			
Irrigate 3X: 1½ acre ft. water at \$2.50	3.75			
Labor: 1½ hrs.	2.85			
Fertilizer: 25 lbs. "N" at 5 cents (in water)	1.25			
Broadleaf Weed Control: \$2.00 plus 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.	3.60			
TOTAL PRE-HARVEST CASH COSTS	\$ 63.41	\$ 1.58		
Harvesting Costs:				
Custom Combine: \$5.00 per acre plus 10 cents cwt. over first 1000 lbs.	\$ 8.00			
Haul: \$2.00 ton	4.00			
TOTAL HARVESTING COSTS	\$ 12.00	\$.30		
TOTAL CASH COSTS	\$ 75.41	\$ 1.88		
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		

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	SAMPLE COSTS		MY COSTS	
	Per Acre	Per Cwt.	Per Acre	Per Cwt.
Interest on Investment at 7%				
Land: \$700.00 at 7%, $\frac{1}{2}$ of \$49.00	\$ 29.50			
Pump, panel, well, irrigation system \$160.00 at 7%; $\frac{1}{2}$ value	5.60			
Equipment (except tractors) \$15.00 $\frac{1}{2}$ value	.53			
Crawler Tractor: 2 hrs. at 72 cents	1.44			
Wheel tractor: 7/8 hr. at 30 cents	.26			
TOTAL INTEREST ON INVESTMENT	\$ 37.33	\$.93		
TOTAL COST OF PRODUCTION	\$126.49	\$ 3.16		

SAMPLE COSTS PER CWT. AT VARYING YIELDS

YIELD: POUNDS PER ACRE	2000	3000	4000	5000	6000
CASH AND DEPRECIATION COSTS	\$4.26	\$2.91	\$2.23	\$1.82	\$1.55
TOTAL COST PER CWT.	\$6.12	\$4.15	\$3.16	\$2.57	\$2.17