

WHEAT

IRRIGATED WHEAT 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 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 200 lbs. Single Super Phosphate (4.47) + 75 cents spread	6.00	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	
<b>TOTAL PRE-HARVEST CASH COSTS</b>	<b>\$ 63.41</b>	<b>\$ 1.58</b>

Harvesting Costs:

Custom Combine: \$5.00 per acre plus 10 cents cwt. over first 1000 lbs.	\$ 8.00	
Haul: \$2.00 ton	4.00	
<b>TOTAL HARVESTING COSTS</b>	<b>\$ 12.00</b>	<b>\$ .30</b>
<b>TOTAL CASH COSTS</b>	<b>\$ 75.41</b>	<b>\$ 1.88</b>

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	
<b>TOTAL DEPRECIATION</b>	<b>\$ 13.75</b>	<b>\$ .35</b>

(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%, $\frac{1}{2}$ 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			
<u>TOTAL INTEREST ON INVESTMENT</u>	<u>\$ 37.33</u>	<u>\$ .93</u>		
<u>TOTAL COST OF PRODUCTION</u>	<u>\$126.49</u>	<u>\$ 3.16</u>		

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
<u>TOTAL COST PER CWT.</u>	<u>\$6.12</u>	<u>\$4.15</u>	<u>\$3.16</u>	<u>\$2.57</u>	<u>\$2.17</u>