

## COST ANALYSIS WORK SHEET - KINGS COUNTY - 1970

SAMPLE COSTS PER ACRE TO PRODUCE FIELD CORN - SINGLE CROPPED

(Based on a yield of 7000 pounds per acre)

Man labor @ \$1.90 and \$2.20 per hour, including Social Security and Compensation Insurance; Heavy wheel tractor per hour cash costs \$2.15, depreciation \$1.38 and interest \$.62.

O.D. McCutcheon, Kings County Farm Advisor

Edward A. Yeary, Farm Advisor-Statewide

	SAMPLE COSTS		MY COSTS	
	PER ACRE	PER CWT	PER ACRE	PER CWT
<b>PRE-HARVEST CASH COSTS:</b>				
Land preparation: 3.0 Hrs.	\$ 13.05			
Plant: 1 man and tractor .3 hr.	1.31			
Seed: 24 lbs. @ 40 cents	9.60			
Cultivate 3 times, man & tractor 1½ hrs.	6.15			
Fertilizer Application: Contract 1 X -- Water 2 X	2.75			
Fertilizer: 180# of nitrogen @ 5 cents	9.00			
Irrigate: 1 Pre. & 6 crop, 6 man hrs.	11.40			
Water: Power to pump 3½ acre feet @ \$5.50	19.25			
Miscellaneous: 1 man hr.; ½ hr. tractor, material \$1.00	3.18			
County Taxes	16.00			
Office: Car, operating capital, etc.	7.01			
Repairs (Except Tractor): Irrigation System; Equipment	8.50			
<b>TOTAL PRE-HARVEST CASH AND LABOR COSTS</b>	<b>\$107.20</b>	<b>\$1.53</b>		
<b>HARVESTING CASH COSTS:</b>				
Combine contract @ \$10.00/A. + 10 cents per cwt. above 1000#	\$ 16.00	\$ .23		
Hauling from field @ \$2.15 per ton	7.53	.11		
<b>TOTAL HARVESTING CASH COSTS</b>	<b>\$ 23.53</b>	<b>\$ .34</b>		
<b>TOTAL CASH AND LABOR COSTS</b>	<b>\$130.73</b>	<b>\$1.87</b>		
<b>DEPRECIATION:</b>				
Irrigation system: (original cost \$210) 15 yrs.	\$ 14.00			
Tractor: 5½ hrs. @ \$1.38	7.59			
Other equipment: (original cost \$40) 10 yrs.	4.00			
<b>TOTAL DEPRECIATION</b>	<b>\$ 25.59</b>	<b>\$ .36</b>		
<b>TOTAL CASH AND DEPRECIATION COST</b>	<b>\$156.32</b>	<b>\$2.23</b>		
<b>INTEREST ON INVESTMENT @ 7%:</b>				
Land @ \$800	\$ 56.00			
Irrigation system: on ½ cost (\$105)	7.35			
Tractor: 5½ hrs. @ \$.62	3.41			
Other equipment on ½ cost (\$20.00)	1.40			
<b>TOTAL INTEREST ON INVESTMENT</b>	<b>\$ 68.16</b>	<b>\$ .74</b>		
<b>TOTAL COST OF PRODUCTION</b>	<b>\$224.48</b>	<b>\$3.21</b>		

## Cost per CWT at Varying Yields

Yield - Pds. Per Acre	3000	4000	5000	6000	7000	8000	9000
Cash and Depreciation Costs	\$4.93	\$3.75	\$3.04	\$2.57	\$2.23	\$1.98	\$1.78
Total Cost Per CWT	\$7.21	\$5.46	\$4.41	\$3.71	\$3.21	\$2.83	\$2.54