

## FIELD CORN - SINGLE CROPPED

## Cost Analysis Work Sheet - 1970

Sample costs to produce field corn on the west side of Fresno County. Based on a yield of 7000 lbs. per acre. Man labor at \$1.90 per hour total, and equipment operator \$2.20. Heavy wheel tractor per hour cash costs \$2.15, depreciation \$1.38 & interest 62¢. Medium wheel tractor costs \$1.40, 80¢ and 40¢.

	<u>Sample Costs</u>		<u>My Costs</u>	
	<u>Per Acre</u>	<u>Per Cwt.</u>	<u>Per Acre</u>	<u>Per Cwt.</u>
<b>PRE-HARVEST CASH COSTS:</b>				
Land preparation: 3 hrs. heavy tractor	\$13.05			
Plant: 1/3 hr. medium tractor	1.20			
Seed: 24 lbs. @ 40¢	9.60			
Cultivate 3X: 1 1/2 hrs. medium tractor	5.40			
Fertilizer: 200 lbs. N @ 5¢	10.00			
Application: 1 custom 2X in water	2.75			
Irrigate: 1 pre and 7 crop - labor 8 hrs.	15.20			
Water: 3 1/2 ac. ft. @ \$8.50 for power	29.75			
Misc. labor, power and materials, including 2/3 hr. medium tractor	3.00			
County taxes	10.50			
Repairs, except tractors	9.00			
Office, car, business costs	6.57			
<b>TOTAL PRE-HARVEST CASH COSTS</b>	<b>116.02</b>	<b>1.66</b>		
<b>HARVESTING COSTS:</b>				
Combine: \$10 per acre plus 10¢ cwt above 1000 lbs.	16.00			
Hauling: \$2.50 per ton	8.75			
<b>TOTAL HARVESTING COSTS</b>	<b>24.75</b>	<b>.35</b>		
<b>TOTAL CASH COSTS</b>	<b>140.77</b>	<b>2.01</b>		
<b>DEPRECIATION:</b>				
Irrigation system & well: \$210 cost, 10 yrs.	21.00			
Tractors	6.14			
Other equipment: \$46, 10 yrs.	4.60			
<b>TOTAL DEPRECIATION</b>	<b>31.74</b>	<b>.45</b>		
<b>INTEREST ON INVESTMENT AT 7%:</b>				
Irrigation system & well: 1/2 cost \$105	7.35			
Tractors	2.86			
Other equipment: 1/2 cost \$23	1.61			
Land: \$600	42.00			
<b>TOTAL INTEREST ON INVESTMENT</b>	<b>53.82</b>	<b>.77</b>		
<b>TOTAL COST OF PRODUCTION</b>	<b>226.33</b>	<b>3.23</b>		

## Sample Costs at Varying Yields

Yield: Lbs. per acre	4000	5000	6000	7000	8000	9000
Cash costs per cwt	\$3.35	\$2.73	\$2.31	\$2.01	\$1.79	\$1.61
Total costs per cwt	5.49	4.44	3.73	3.23	2.86	2.56

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January 1, 1971

UC Cooperative Extension

Cooperative Extension Work in Agriculture and Home Economics, U. S. Department of Agriculture, University of California and County of Fresno Cooperating.