

FIELD CORN SINGLE CROPPED
in
KINGS COUNTY

The sample costs shown on the reverse side are based on a single crop of corn grown during the year.

Since cost of production vary from year to year and from farm to farm, the actual cost for your farm will vary from those shown.

The sample figures does not include drying costs. If corn is planted early in the summer, drying is normally not necessary. If it is grown as a second crop following a spring crop of barley or potatoes, drying might be necessary.

Water costs vary considerable as you go from one part of Kings County to another. Taxes, land values and hauling charges also vary. Perhaps you will find it helpful as well as interesting if you will use the column on the right side of the sheet and insert your own figures for your operation.

The sheet can aid you greatly in your own corn enterprise as a guide to follow in keeping an accurate record. It is also useful in estimating possible costs between crops.

In preparing this cost analysis work sheet: good management practices were assumed and a yield of three tons per acre is anticipated.

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C O S T A N A L Y S I S W O R K S H E E T

FIELD CORN, SINGLE CROPPED, IN KINGS COUNTY, 1959

Based on a yield of 6,000 lbs. per acre. Man labor @\$1.05 and \$1.30 per hour. Medium tractor per hour cash cost \$1.00, depreciation \$.41, interest \$.19. Farm size at 200 acres with 100 acres of corn.

	Sample Costs per acre	per cwt	My Costs per acre	per cwt
PRE-HARVEST CASH COSTS:				
Land preparation: man & tractor 2.0 hr.	\$ 4.60			
Fertilize: contract	1.50			
Fertilizer: side-dr. 150# N @.08¢	12.00			
Plant: 2 men and tractor .3 hr.	1.01			
Seed: 16 lbs @25¢	4.00			
Cultivate & Irrig. Prep. Man & tractor 2.0 hr	4.60			
Irrigate: (1 pre & 5-7 crop) 6 man hrs.	6.30			
Water: pumping power 3 acre ft. @\$2.60	7.80			
Misc.: 1 man hr. ½ hr. tractor, material .50	2.30			
County Taxes	7.00			
Office, car, operating capital, etc.	3.00			
Repairs: irrigation system \$1.00; equip. \$1.00	2.00			
Total Pre-Harvest Cash and Labor Costs	\$ 56.11	\$.94		
HARVESTING CASH COSTS:				
Combine contract @\$7.50/A. + 10¢/cwt	\$ 13.50	\$.22		
Hauling from field @\$1.50 per ton	4.50	.08		
Total Harvesting Cash Costs	18.00	\$.30		
TOTAL CASH AND LABOR COSTS	\$ 74.11	\$ 1.24		
DEPRECIATION:				
Irrigation system: (original cost \$80) 17 yrs.	4.70			
Buildings: (original cost \$10) 20 years	.50			
Tractor: 4.8 hrs. @41¢	1.97			
Other equipment: (original cost \$15) 10 yrs.	1.50			
Total Depreciation	\$ 8.67	\$.14		
TOTAL CASH AND DEPRECIATION COST	\$ 82.78	\$ 1.38		
INTEREST ON INVESTMENT @6%				
Land @\$500	\$ 30.00			
Irrigation system: on ½ cost (\$40)	2.40			
Buildings: on ½ cost (\$5)	.30			
Tractor: 4.8 hrs. @19¢	.91			
Other equipment on ½ cost (\$7.50)	.45			
Total Interest on Investment	\$ 34.06	\$.57		
TOTAL COST OF PRODUCTION	\$ 116.84	\$ 1.95		

Costs per CWT at Varying Yields

Yield - pounds per acre	3000	4000	5000	6000	7000	8000
Cash and depreciation costs	\$2.58	\$1.98	\$1.62	\$1.38	\$1.21	\$1.08
Total cost per cwt	\$3.72	\$2.83	\$2.30	\$1.95	\$1.69	\$1.50

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HOW MUCH PROFIT PER ACRE

Yield in tons/Acre	Cost Per Acre	Selling Cost of Field Corn Per Ton				
		<u>\$45.00</u>	<u>\$48.00</u>	<u>\$50.00</u>	<u>\$52.00</u>	<u>\$54.00</u>
2 tons	\$113.34					
2½ tons	\$115.09	-\$23.34	-\$17.34	-\$13.34	-\$ 9.34	-\$ 5.34
3 tns	\$116.84	-\$ 2.59	+\$ 4.91	\$ 9.91	\$14.91	\$19.91
3½ tons	\$118.59	+\$18.16	\$27.16	\$33.16	\$39.16	\$45.16
4 tns	\$120.34	\$38.91	\$49.41	\$56.41	\$63.41	\$70.41
		\$59.66	\$71.66	\$79.66	\$87.66	\$95.66

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