

Field Crops

COST ANALYSIS WORK SHEET - KINGS COUNTY - 1965

SAMPLE COSTS PER ACRE TO PRODUCE FIELD (CORN- SINGLE CROPPED
(Based on a yield of 6000 pounds per acre.)

Man labor @ \$1.40 and \$1.65 per hour, including Social Security and Compensation Insurance; 60 HP track And 40 HP wheel-per hr. cash costs \$2.60 and \$1.30; depreciation \$2.00 and \$.75; interest \$.90 and \$.25.

O. D. McCutcheon, Kings County Farm Advisor

Burt B. Burlingame, Ext. Economist

| | Sample Costs | | My Costs | |
|-------------------------------------------------------|-----------------|----------------|----------|---------|
| | Per Acre | Per Cwt | Per Acre | Per Cwt |
| PRE-HARVEST CASH COSTS: | | | | |
| Land preparation--60 HP-1½ hr.; 40 HP-2.0 hrs. | \$ 12.28 | | | |
| Plant: 2 men and tractor .3 hr. | 1.31 | | | |
| Seed: 16 lbs. @ 27¢ | 4.32 | | | |
| Cultivate 3 times, man & tractor 1½ hrs. | 4.43 | | | |
| Fertilizer Application: Contract 1 X -- Water 2 X | 2.25 | | | |
| Fertilizer: 150# of nitrogen @ 7¢ | 10.50 | | | |
| Irrigate: 1 Pre. & 6 crop, 6 man hrs. | 8.40 | | | |
| Water: Power to pump 3 acre feet @ \$5.00 | 15.00 | | | |
| Misc.: 1 man hr.; ½ hr. tractor, material- \$.75 | 3.25 | | | |
| County Taxes | 7.50 | | | |
| Office: Car, operating capital, etc. | 4.60 | | | |
| Repairs (Except tractor): Irrig. System; Equip. | 3.50 | | | |
| TOTAL PRE HARVEST CASH AND LABOR COSTS | \$ 77.34 | \$ 1.29 | | |
| HARVESTING CASH COSTS: | | | | |
| Combine contract @ \$10.00/A.+10¢/cwt. above 1000# | \$ 15.00 | \$.25 | | |
| Hauling from field @ \$1.50 per ton | \$ 4.50 | \$.07 | | |
| TOTAL HARVESTING CASH COSTS | \$ 19.50 | \$.32 | | |
| TOTAL CASH AND LABOR COSTS | \$ 96.84 | \$ 1.61 | | |
| DEPRECIATION: | | | | |
| Irrigation system:(original cost \$140) 16 yrs. | \$ 8.75 | | | |
| Tractor: 1 ¾ hrs. @ \$2.00 & 4 hrs. @ \$.75 | 6.50 | | | |
| Other equipment:(original cost \$30) 10 yrs. | 3.00 | | | |
| TOTAL DEPRECIATION | \$ 18.25 | \$.31 | | |
| TOTAL CASH AND DEPRECIATION COST | \$115.09 | \$1.92 | | |
| INTEREST ON INVESTMENT @ 6%: | | | | |
| Land @ \$700 | \$ 42.00 | | | |
| Irrigation system: on ½ cost (\$70) | 4.20 | | | |
| Tractor: 1 ¾ hrs. @ \$.90 & 4 hrs. @ \$.25 | 2.58 | | | |
| Other equipment on ½ cost (\$15.00) | .90 | | | |
| TOTAL INTEREST ON INVESTMENT | \$ 49.68 | \$.83 | | |
| TOTAL COST OF PRODUCTION | \$164.77 | \$2.75 | | |

Cost per CWT at Varying Yields

| Yield - pounds per acre | 3000 | 4000 | 5000 | 6000 | 7000 | 8000 |
|-----------------------------|--------|--------|--------|--------|--------|--------|
| Cash and depreciation costs | \$3.66 | \$2.79 | \$2.27 | \$1.92 | \$1.67 | \$1.48 |
| Total Cost Per CWT | \$5.32 | \$4.03 | \$3.26 | \$2.75 | \$2.38 | \$2.10 |