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

<table>
<thead>
<tr>
<th></th>
<th>SAMPLE COSTS</th>
<th>MY COSTS</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>PER ACRE</td>
<td>PER CWT</td>
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<td></td>
<td>PER ACRE</td>
<td>PER CWT</td>
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</tbody>
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**PRE-HARVEST CASH COSTS:**

- 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: 150# 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

**TOTAL PRE-HARVEST CASH AND LABOR COSTS:** $107.20 $1.53

**HARVESTING CASH COSTS:**

- Combine contract @ $10.00/A. + 10 cents per cwt. above 1000#/cwt.
  - $16.00 $2.23
- Hauling from field @ $2.15 per ton
  - 7.53 .11

**TOTAL HARVESTING CASH COSTS:** $23.53 $3.34

**TOTAL CASH AND LABOR COSTS:** $130.73 $1.87

**DEPRECIATION:**

- 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

**TOTAL DEPRECIATION:** $25.59 $3.36

**TOTAL CASH AND DEPRECIATION COST:** $156.32 $2.23

**INTEREST ON INVESTMENT @ 7%:**

- Land @ $500
  - $56.00
- Irrigation system: on ½ cost ($105)
  - 7.35
- Tractor: 5½ hrs. @ $0.62
  - 3.41
- Other equipment on ½ cost ($20.00)
  - 1.40

**TOTAL INTEREST ON INVESTMENT:** $88.15 $7.41

**TOTAL COST OF PRODUCTION:** $224.48 $3.21

Cost per CWT at Varying Yields

<table>
<thead>
<tr>
<th>Yield - Pds. Per Acre</th>
<th>3000</th>
<th>4000</th>
<th>5000</th>
<th>6000</th>
<th>7000</th>
<th>8000</th>
<th>9000</th>
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<tbody>
<tr>
<td>Cash and Depreciation Costs</td>
<td>$3.73</td>
<td>$3.75</td>
<td>$3.04</td>
<td>$2.57</td>
<td>$2.23</td>
<td>$1.98</td>
<td>$1.78</td>
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<td>Total Cost Per CWT</td>
<td>$7.21</td>
<td>$5.16</td>
<td>$4.11</td>
<td>$3.71</td>
<td>$3.21</td>
<td>$2.83</td>
<td>$2.51</td>
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UC Cooperative Extension