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. Male 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¢.

<table>
<thead>
<tr>
<th>Sample Costs</th>
<th>My Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Per</td>
</tr>
<tr>
<td>Acre</td>
<td>Cwt.</td>
</tr>
</tbody>
</table>

**PRE-HARVEST CASH COSTS:**

- 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

**TOTAL PRE-HARVEST CASH COSTS** 116.02 1.66

**HARVESTING COSTS:**

- Combine: $10 per acre plus 10¢ cwt above 1000 lbs. 16.00
- Hauling: $2.50 per ton 8.75

**TOTAL HARVESTING COSTS** 24.75 .35

**TOTAL CASH COSTS** 140.77 2.01

**DEPRECIATION:**

- Irrigation system & well: $210 cost, 10 yrs. 21.00
- Tractors 6.14
- Other equipment: $46, 10 yrs. 4.60

**TOTAL DEPRECIATION** 31.74 .45

**INTEREST ON INVESTMENT AT 7%:**

- Irrigation system & well: 1/2 cost $105 7.35
- Tractors 2.86
- Other equipment: 1/2 cost $23 1.61
- Land: $600 42.00

**TOTAL INTEREST ON INVESTMENT** 53.82 .77

**TOTAL COST OF PRODUCTION** 226.33 3.23

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Sample Costs at Varying Yields

<table>
<thead>
<tr>
<th>Yield: lbs. per acre</th>
<th>4000</th>
<th>5000</th>
<th>6000</th>
<th>7000</th>
<th>8000</th>
<th>9000</th>
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</thead>
<tbody>
<tr>
<td>Cash costs per cwt</td>
<td>$3.55</td>
<td>$2.73</td>
<td>$2.31</td>
<td>$2.01</td>
<td>$1.79</td>
<td>$1.61</td>
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<tr>
<td>Total costs per cwt</td>
<td>5.49</td>
<td>4.44</td>
<td>3.73</td>
<td>3.23</td>
<td>2.86</td>
<td>2.56</td>
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</tbody>
</table>

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