SAMPLE COSTS TO PRODUCE BLACK-EYE BEANS IN TULARE COUNTY - 1970

Based on yield of 2,400 lbs. per acre (single cropping). Man labor @ $2.20 per hour, including Social Security and Compensation Insurance; medium tractor per hour cash cost $1.50, depreciation 75¢, interest 40¢.

William R. Sallee, Farm Advisor Burt B. Burlingame, Extension Economist

<table>
<thead>
<tr>
<th>Sample Costs</th>
<th>Your Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acre</td>
<td>CWT</td>
</tr>
</tbody>
</table>

Pre-Harvest Cash Costs:

- Land Preparation - man and tractor 2½ hrs. $9.25
- Planting - man and tractor ½ hr. 1.85
- Seed - 25 lbs. @ 12¢ 3.00
- Irrigate - 1 pre and 4 crop 7½ man hrs. 16.50
- Water - power 2½ A. ft. @ $4.00; district tax $6.00 16.00
- Cultivation - 2 times, man and tractor 1 hr. 3.70
- Herbicides - contract 6.75
- Insect control 1: 1 air application 6.25
- Misc. labor 2 hrs.; tractor ½ hr.; material $1.00 6.15
- County taxes 18.00
- Office, car, operating capital, etc. 8.00
- Repairs - irrig. system and equip. except tractor 4.40

TOTAL PRE-HARVEST CASH COSTS $99.85 $4.16

Harvesting Costs:

- Cut and windrow - contract @ $3.00 per A. each 6.00 .25
- Combine - contract @ $5.00/A + 50¢/cwt 17.00 .71
- Haul @ $3.50 per ton 4.20 .17
- Reclean, fumigate, storage and sacks @ $25.60/ton 30.72 1.28

TOTAL HARVESTING COSTS $57.92 $2.41

TOTAL CASH COSTS $157.77 $6.57

Depreciation:

- Irrigation system (original cost $160) $12.00
- Tractor 4½ hrs. @ 75¢ 3.38
- Equipment - cost $40 - 10 years life 4.00

TOTAL DEPRECIATION $19.38 .81

TOTAL CASH AND DEPRECIATION COSTS $177.15 $7.38

Interest on Investment @ 7%

- Land @ $700 $49.00
- Irrigation system on ½ cost ($80) 5.60
- Tractor 4½ hrs. @ 40¢ 1.80
- Equipment on ½ cost ($20) 1.40

TOTAL INTEREST $57.80 $2.41

TOTAL COST OF PRODUCTION $234.95 $9.79

Cost Per CWT At Varying Yields

<table>
<thead>
<tr>
<th>Yield - pounds per acre</th>
<th>1600</th>
<th>2000</th>
<th>2400</th>
<th>2800</th>
<th>3200</th>
<th>3600</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash and depreciation costs</td>
<td>$10.10</td>
<td>$8.47</td>
<td>$7.38</td>
<td>$6.61</td>
<td>$6.03</td>
<td>$5.58</td>
</tr>
<tr>
<td>Total cost per cwt</td>
<td>13.71</td>
<td>11.36</td>
<td>9.79</td>
<td>8.68</td>
<td>7.84</td>
<td>7.18</td>
</tr>
</tbody>
</table>

1/ More than one application is sometimes required for insect control. When fertilizer is used, the cost should be added in the Pre-Harvest Cash Costs.

Renter costs on other side.

UC COOPERATIVE EXTENSION
Costs on rented or leased land for Blackeyes:

<table>
<thead>
<tr>
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<tr>
<td></td>
<td>Per Acre</td>
<td>Per CWT Acre</td>
</tr>
<tr>
<td>Cash costs for 2400 lb. yield, except rent - approx.</td>
<td>$132.00</td>
<td>$5.50</td>
</tr>
<tr>
<td>Depreciation and interest on equipment</td>
<td>10.60</td>
<td>.44</td>
</tr>
<tr>
<td>TOTAL COST EXCEPT RENT</td>
<td>$142.60</td>
<td>$5.94</td>
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</tbody>
</table>

Rent

TOTAL COST

William R. Sallee
Farm Advisor
Tulare County

gjb
12/22/70
400 c

UC Cooperative Extension
Co-operative Extension Work in Agriculture and Home Economics, U. S. Department of Agriculture, University of California, Tulare County Co-operating