SAMPLE COST TO PRODUCE
BLACK EYE BEANS - DOUBLE CROPPED
IN
MADERA COUNTY - 1990

By

RON VARGAS, Farm Advisor, Madera County

The first step in intelligent crop planning is an objective analysis of production cost and potential profits. The sample costs on the reverse side of this page are for producing blackeye beans in Madera County. The figures used are from the latest and most reliable sources available and are based on good management practices. Water cost was based on irrigation district cost.

A suggested way to use the sample cost sheet is to insert your actual costs in the blank column and use the sample costs only when actual costs are not known. Overhead fixed cost may be omitted when comparing alternate crops.

Sincerely,

RON VARGAS
Farm Advisor

RV/nj
BLACKEYE BEANS - DOUBLE CROPPED  
MADERA COUNTY - 1990

YIELD  CASH  DEPR.  INTERES
Yield: CWT/acre field run  22
        CWT/acre clean basis  20
Field labor per hour  5.60
Equipment operator per hour  6.00
Wheel tractor per hour - 80 hp  8.71  2.75  2.13
Wheel tractor per hour - 130 hp  12.16  5.00  3.87

SAMPLE COSTS

PRE-HARVEST CASH AND OVERHEAD COSTS:  Per Acre  Per CWT
Land preparation 3 hrs. labor & tractor 1-130hp,2-80hp  47.58
Preplant Herbicide:  
material - .94, application - 8.75  15.69
Plant 1/4 hr./acre - labor and tractor  3.68
Seed: 35 lbs. @ $.30 inoculated  10.50
Irrigate: 1 pre and 5 crop 6 hrs. labor  33.60
      water: 2 1/2 acre ft. @ $13.00  32.50
Cultivate 3X .5 hrs. labor and tractor  22.07
Pest Control: materials - 20.80
      application - 2 X 5.00  20.80
Taxes - (County and Irrigation District) - 1/2-$31.55  15.78
Misc. labor, materials, tractor .5 hr.  10.00
Repairs (except tractor)  19.10
Office and business costs  20.00
TOTAL PRE-HARVEST COSTS  261.29  13.06

HARVEST COSTS:
Cut and windrow: 38" rows, custom  25.00
Harvest: $2.50/cwt field run  55.00
Haul: $5.50/ton field run - up to 20 miles  6.05
Reclean, fumigate
Research & promotion
Storage @ $3.50 cwt clean basis  70.00
TOTAL HARVEST COSTS  156.05  7.80
TOTAL CASH AND OVERHEAD COSTS  417.34  20.37

DEPRECIATION
Irrigation system $280 20 years  7.00
Tractor 5.5 hrs. @ $2.75, 1 hr. @ $5.00  20.13
Equipment  9.50
TOTAL DEPRECIATION  36.63  1.83

INTEREST ON INVESTMENT @ 15%
Irrigation system: 1/2 cost $140  10.50
Tractor 4.5 hrs. @2.13, 1 hr. @ $3.37  9.59
Equipment  13.45
Land $2000 - 1/2 cost  150.00
TOTAL INTEREST ON INVESTMENT  183.54  9.18
TOTAL COST OF PRODUCTION  637.50  31.87

SAMPLE COSTS AT VARYING YIELDS

<table>
<thead>
<tr>
<th>Yield: 1bs./acre</th>
<th>1600</th>
<th>2000</th>
<th>2400</th>
<th>2800</th>
<th>3200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash Costs/CWT</td>
<td>26.08</td>
<td>20.36</td>
<td>17.38</td>
<td>14.90</td>
<td>13.04</td>
</tr>
<tr>
<td>Total Costs/CWT</td>
<td>39.84</td>
<td>31.87</td>
<td>26.56</td>
<td>22.76</td>
<td>19.92</td>
</tr>
</tbody>
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UC COOPERATIVE EXTENSION