# Irrigated Barley Single Cropped in Kings County

## Under West Side Farming Conditions

### Cost Analysis Worksheet

Based on a yield of 4,000 lbs. per acre. Man labor at $1.90 per hour total and equipment operator $2.10. Heavy Crawler tractor per hour cash costs $3.50, depreciation $1.90 and interest 90 cents.

<table>
<thead>
<tr>
<th>Sidney W. Kite, Farm Advisor</th>
<th>Edward Year, Farm Advisor - Statewide</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SAMPLE COSTS</strong></td>
<td><strong>MY COSTS</strong></td>
</tr>
<tr>
<td>Per Acre</td>
<td>Per Cwt.</td>
</tr>
<tr>
<td>Per Acre</td>
<td>Per Cwt.</td>
</tr>
</tbody>
</table>

#### Pre-Harvest Cash Costs:
- **Land Preparation:** Disc 2X and 1/3 cost of landplanning 2X: total 3/4 hr.
  - man and tractor $4.20
- **Fertilize:** 1/3 hr. man and tractor plus 50 cents acre rent for injector rig $1.20
- **Fertilizer:** 100 lbs. "N" at 1/2 cents $4.50
- **Gypsum:** Annual average cost $4.00
- **Pre-Irrigate:** Water, 1 1/2 acre ft. at $10.00 15.00
- **Labor:** 1 Hour $1.90
- **Disc 2X and seed bed preparation 1/6 hour man and tractor** $0.93
- **Plant:** 2 men and 1/8 hr. tractor $0.75
- **Seed:** 80 lbs. at 1/4 cents $3.20
- **Irrigate:** 6" water at $10.00 5.00
- **Labor:** 1/2 hour $0.95
- **Broadleaf Weed Control:** Air application $1.50
- **Material** $0.60
- **Miscellaneous, including labor and 1/3 hour man and tractor, and materials** $2.45
- **County Taxes (Estimate)** $9.00
- **Repairs, except tractor** $1.75
- **Office, Car., Insurance, Business Costs, etc.** $3.45

**TOTAL PRE-HARVEST CASH COSTS** $60.38 $1.51

#### Harvesting Costs:
- **Custom Combine:** $5.00 per acre plus 10 cents cwt. over first 1000 lbs/acre $8.00
- **Hauling:** $2.00 ton $4.00

**TOTAL HARVESTING COSTS** $12.00 $0.30

**TOTAL CASH COSTS** $72.38 $1.81

#### Depreciation:
- **Equipment and facilities except tractor:** Cost $40.00, 10 yr. life $4.00
- **Tractor:** 1 1/2 hrs. at $1.90 2.85

**TOTAL DEPRECIATION** $6.85 $0.17

#### Interest on Investment at 7 1/2%:
- **Equipment and Facilities, except tractor:** 1 1/2 cost $20.00 $1.40
- **Tractor:** 1 1/2 hrs. at 90 cents 1.35
- **Land:** $500.00 35.00

**TOTAL INTEREST ON INVESTMENT** $37.75 $0.94

**TOTAL COST OF PRODUCTION** $116.93 $2.92

[UC Cooperative Extension (OVER)]
IRRIGATED BARLEY SINGLE CROPPED IN KINGS COUNTY
UNDER WEST SIDE FARMING CONDITIONS

COST ANALYSIS WORK SHEET

SAMPLE COSTS PER CWT. AT VARYING YIELDS

<table>
<thead>
<tr>
<th>YIELD: POUNDS PER ACRE</th>
<th>2000</th>
<th>3000</th>
<th>4000</th>
<th>5000</th>
<th>6000</th>
</tr>
</thead>
<tbody>
<tr>
<td>CASH AND DEPRECIATION COSTS</td>
<td>$3.76</td>
<td>$2.57</td>
<td>$1.98</td>
<td>$1.62</td>
<td>$1.39</td>
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<tr>
<td>TOTAL COST PER CWT.</td>
<td>$5.65</td>
<td>$3.83</td>
<td>$2.92</td>
<td>$2.35</td>
<td>$2.02</td>
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</tbody>
</table>

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