

UNIVERSITY OF CALIFORNIA
COOPERATIVE EXTENSION

SAMPLE COSTS TO PRODUCE SPINACH FOR PROCESSING

On Rented Land

Stanislaus County, 1984

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and

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Production Data:

Based on a yield of 9 tons per acre; Labor: irrigator \$5.00/hr.; equipment operator \$6.50/hr.; common labor \$4.00/hr. including fringe benefits. 90 H.P. W.D. cash costs \$11.50/hr.; depr. \$3.00; interest \$2.25; 60 H.P. W.D. cash costs \$8.00; depr. \$1.90; interest \$1.40. Used crawler diesel 60 H.P. @ \$12.00; depr. \$3.75; interest \$2.80

| OPERATION | HOURS PER ACRE | CASH AND LABOR COST PER ACRE | | | TOTALS |
|--------------------------------------|----------------------|------------------------------|-------------------|---------------------------------|-----------------|
| | | LABOR | FUEL & REPAIRS | MATERIALS KIND QUANTITY COST | |
| <u>Cultural Costs:</u> | | | | | |
| Plow disc 3x & landplane 2x | 2.0 | \$13.00 | \$23.00 | | \$ 36.00 |
| List and fertilizer Fertilizer | .5 | 3.25 | 5.75 | 250# N(NH ₃) @ .22¢ | 55.00 |
| Ring roll and rotary hoe 2x | .75 | 4.88 | 6.00 | | 10.88 |
| Plant and fertilize Seed | .5 | 5.25 | 4.00 | 14# @ \$3.00 applied | 42.00 |
| Herbicide | | | | | 60.00 |
| Starter fertilizer | | | | | 25.00 |
| Ring roll | .2 | 1.30 | 1.60 | | 2.90 |
| Irrigate 3x Water | 2.0 | 10.00 | | 1.75 ac. ft. @ \$16.00 | 28.00 |
| Cultivate | 1.0 | 6.50 | 8.00 | | 14.50 |
| Fertilizer - side dress | | | | Materials Application | 25.00 5.00 |
| Hoeing | 6.0 | 24.00 | | | 24.00 |
| Spray 2x | | | | Materials Application | 40.00 10.00 |
| Close ditches, grade, disc refuse | .75 | 4.88 | 9.00 | | 13.88 |
| Repairs, except tractors | | | | | 20.00 |
| Interest on operating capital 15% | | | | | 33.03 |
| <u>Total Cultural Costs</u> | | <u>\$73.06</u> | <u>\$57.35</u> | | <u>\$343.03</u> |

Harvest Costs

Harvesting & hauling
done by processor

No Cost to Grower

Cash Overhead

Misc., office, etc.

3% of cash costs

\$ 14.19

Taxes

4.50

Rent

25% of gross income (9 tons @ \$75/ton)

168.75

Total Cash Overhead Costs

\$187.44

TOTAL CASH COSTS

TOTALS
\$660.88

| <u>Investment</u> | <u>Per Acre</u> | <u>Annual Costs</u> | |
|--|-----------------|---------------------|---------------------|
| | | <u>Depreciation</u> | <u>Interest 15%</u> |
| Equipment | \$400.00 | \$40.00 | \$30.00 |
| Tractors: 90 H.P. W.D. 3.0 hrs. | | 9.00 | 6.75 |
| 60 H.P. W.D. - 2.45 hrs. | | 4.66 | 3.43 |
| 60 H.P. C.D. - .75 hrs. | | 2.81 | 2.10 |
| Total | | \$56.47 | \$42.28 |
| Total Investment | | | \$ 98.75 |
| TOTAL COST PER ACRE | | | \$759.63 |
| Sample costs per ton @ varying yields | @ 7-ton yield | | \$100.49 |
| | 8-ton yield | | 92.61 |
| | 9-ton yield | | 84.40 |
| | 10-ton yield | | 77.84 |