

SAMPLE COSTS TO PRODUCE SILAGE CORN (DOUBLE CROP) IN MADERA AND MERCED COUNTIES - 1971

CO-VN-71-2

Based on man labor at \$1.90 per hour total; Equipment operator \$2.15 per hour total;
 Medium wheel tractor cash cost per hour \$1.55; Depreciation \$1.28; Interest \$.58 an hour.

Yield 20 Tons Per Acre

| Operation | Hours Per Acre | Cash and Labor Costs Per Acre | | | Sample Costs Per Acre | My Costs | |
|---|---------------------|----------------------------------|-----------------|--|-----------------------|----------|--|
| | | Labor | Fuel & Repairs | Materials Cost | | | |
| Cultural: | | | | | | | |
| Land Preparation | 2.5 | 5.38 | 3.87 | | 9.25 | | |
| Seed and Planting | .3 | .65 | .47 | Seed: 16 lbs @30¢ | 5.92 | | |
| Cultivate and Fertilize | 1.0 | 2.15 | 1.55 | 150 lbs N @8¢ | 15.70 | | |
| Irrigate: 1 pre, 6 crop | 7.0 | 13.30 | 2.00 | 3 Acre Ft. Water; tax or power @\$3.50 | 25.80 | | |
| Taxes (6 mos. basis) | | | | | 7.50 | | |
| Miscellaneous | .5 | 1.08 | .78 | Materials, Maintenance, etc. | 2.86 | | |
| Repairs to Equipment | | | 3.55 | | 3.55 | | |
| Pre-Harvest Cultural Costs | | 22.56 | 12.22 | | 70.58 | | |
| Harvest Costs: | | | | | | | |
| Cut, Chop, Haul - Contract Pack | 2.0 | 4.30 | 3.10 | \$2.50 Ton Up to 5 Mile Haul | 50.00 | 7.40 | |
| Total Harvest Costs | | 4.30 | 3.10 | | 50.00 | 57.40 | |
| Business and Office Costs | | 6% of Cultural and Harvest Costs | | | 7.68 | | |
| Total Cash Costs | | | | | 135.66 | | |
| Sample Costs At Varying Yields | | | | | | | |
| | | <u>Depreciation and Interest</u> | | | | | |
| <u>Tons Per Acre</u> | <u>Cost Per Ton</u> | <u>Investment</u> | <u>Per Acre</u> | <u>Depreciation</u> | <u>Interest 7%</u> | | |
| 15 | \$11.34 | Land (1/2 cost to silage) | 750.00 | (1/2) | 26.25 | | |
| 20 | 9.13 | Irrigation System | 140.00 | (1/2) \$3.50 (20 yrs) | 2.45 | | |
| 25 | 7.80 | Tractor - 6.3 hrs | | 8.06 | 3.65 | | |
| 30 | 6.92 | Equipment | 45.00 | (1/2) 2.25 (10 yrs) | .79 | | |
| | | | | \$13.81 | \$33.14 | 46.95 | |
| Total Cost Per Acre | | | | | | \$182.61 | |
| Total Cost Per Ton Into Pit @ 20 Ton Yield | | | | | | \$ 9.13 | |

Prepared by Farm Advisors Clarence Johnson, Chester Conley and Edward Yeary

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