

SAFFLOWER

PRODUCTION COSTS



ON RICELAND
IN GLENN COUNTY

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600 ac. (100 rice, 150 safflower,
75 grain and 75 fallow)

SAMPLE COSTS TO PRODUCE SAFFLOWER ON RICELAND
GLF COUNTY

Yield 2,000 s. per ac:

Labor \$1.60 per hour
(includes insurance, etc.)

| Operation | Hours per acre | Cash and Labor Costs per Acre | | | | | | Total | Your Cost Per Acre |
|---|----------------------|--|------------------|-----------------|-----------------|------|-----------------|-----------------|--------------------|
| | | Labor | Fuel and Repairs | Contract | Materials Kind | Amt. | Value | | |
| Cultural Costs: | | | | | | | | | |
| Plow 10-14" 75 H.P. Trac. man | .5 | \$.80 | \$ 1.70 | | | | | \$ 2.50 | |
| Disc 2 times: man, tr. 18' disk | .6 | .96 | 2.10 | | | | | 3.06 | |
| Harrow: man, tr. 40' harrow | .05 | .08 | .16 | | | | | .24 | |
| Fertilize: contract | | | | \$ 1.25 | Nitrogen | 50# | \$6.50 | 7.75 | |
| Seeding: drilling | .2 | .32 | .76 | | | 25# | 2.50 | 3.58 | |
| Taxes | | | | | Land Property | | \$3.00 | 3.00 | |
| Miscellaneous | | .80 | .40 | | | | .30 | 1.50 | |
| TOTAL CULTURAL COSTS | | \$ 2.96 | \$ 5.12 | \$ 1.25 | | | \$ 12.30 | \$ 21.63 | |
| Harvest Costs: | | | | | | | | | |
| Combine 1 man 14' machine | .6 | .96 | 3.60 | | | | | 4.56 | |
| *Haul from field, man, 1 1/2 ton truck | .6 | .96 | 1.05 | | | | | 2.01 | |
| Contract hauling to mill | | | | \$ 4.00 | | | | 4.00 | |
| TOTAL HARVEST | | \$ 1.92 | \$ 4.65 | \$ 4.00 | | | | \$ 10.57 | |
| TOTAL CULTURAL AND HARVEST COSTS | | \$ 4.88 | \$ 9.77 | \$ 5.25 | | | \$ 12.30 | \$ 32.20 | |
| Cost per Cwt. at Various Yields | | | | | | | | | |
| <u>Yield</u> | <u>Cost per Cwt.</u> | INVESTMENT Annual Cost | | | | | | | |
| 1,200 | \$4.70 | Land | Per Acre | Depreciation | Interest 6% | | | | |
| 1,400 | 4.03 | Tractor trucks & other equip. | 93.00 | \$ 9.30 | 2.80 | | | | |
| 1,600 | 3.52 | Building | 10.00 | .50 | .30 | | | | |
| 1,800 | 3.13 | Shop equip. | 4.00 | .40 | .12 | | | | |
| 2,000 | 2.82 | Total | \$307.00 | \$ 10.20 | \$ 15.22 | | | \$ 25.42 | |
| 2,200 | 2.56 | Total Cost Per Acre | | | | | | \$ 57.62 | |
| 2,400 | 2.35 | Minus Allowance for Sheep Pasture | | | | | | 1.25 | |
| | | Net Cost per Acre | | | | | | 56.37 | |
| | | Cost per Cwt. at 2000 lbs. yield | | | | | | 2.82 | |

* Movement of safflower from field may be done by several different methods.

Basis of Cost Production

Costs: All machinery and equipment costs are based on present day costs for new equipment.

Interest: Based on 6% of one-half the original cost. Interest figured on full value of land.

Depreciation: Based on 10 years^{of life} for machinery and shop equipment and 20 years on buildings.

| Yield Pounds Per Acre | Net Profit or Loss Per Acre At \$3.75 cwt. |
|--------------------------------|---|
| 1,200 | - \$7.13 |
| 1,400 | - 0.69 |
| 1,600 | + 5.75 |
| 1,800 | + 12.19 |
| 2,000 | + 18.63 |
| 2,200 | + 25.07 |
| 2,400 | + 31.51 |
| 2,600 | + 37.95 |
| 2,800 | + 44.39 |
| 3,000 | + 50.83 |

Appreciation is expressed to Glenn County safflower growers who assisted by reviewing information regarding safflower production.

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