

1989 SAMPLE COST TO PRODUCE SAFFLOWER

**AREAS OF ADAPTATION** - Deep soils of Sacramento County yield 1-1.5 tons/A.

**PLANTING DATES** - February 15 to April 15.

**HARVEST DATES** - August 1 to September 15, when moisture content of seed is about 8%.

**VARIETIES** - Check seed companies or local UC Farm Advisors office for current recommendations.

**SEEDING RATES** - 35 to 50 lb/a, planted on 7-20" rows. Increase seeding 10 lb/a for drilled plantings on sub-irrigated land.

**FERTILIZER REQUIREMENTS** - 120 lb/a nitrogen, depending on previous crops and soil moisture conditions. Starter fertilizer can be beneficial especially on cold soils.

**IRRIGATION** - Usually none, sometimes one time. Planting should be into moisture.

**ROTATION** - Not recommended to plant prior to growing tomatoes. Dodder problems seem to be worse after safflower. Soil tends to dry out and unlevel land often results.

**YIELDS** - 2000 to 3000 lb/acre.

**SPECIAL INSECT PROBLEMS** - Cutworms, aphids, lygus, and thrips. Early plantings preferred to decrease possibility of damage from latter two.

**WEED CONTROL** - Treflan, Prowl, Eptam and Dual preplant incorporated for control of grass and broadleaf weeds.

**SAMPLE COST TO PRODUCE SAFFLOWER**

CROP .....	SAFFLOWER	GROSS INCOME .....	\$ 399.00
YIELD/ACRE IN TONS .....	1.4	TOTAL CASH EXPENSE/ACRE .....	256.69
MARKET VALUE/TONS .....	\$ 285.00	NET INCOME/ACRE .....	\$ 142.31

CULTURAL COSTS: FUEL & SEED

	<u>COST/A</u>	<u>LABOR COST/A</u>	<u>YOUR COST/A</u>
Chop corn stubble	\$ 0.28	\$ 1.50	_____
Disc 2x	1.08	1.76	_____
Plow	1.00	1.32	_____
Disc 2x	1.08	1.76	_____
Pre nitrogen, aqua/ringroller	0.70	1.05	_____
Float/ringroll	0.54	0.88	_____
Herbicide application	0.83	0.88	_____
Float/ringroll	0.54	0.88	_____
Plant by Drill	0.15	1.05	_____
Seed (40#/a @ \$0.40/lb)	16.00		_____
Employee pickups	3.14		_____
	<u>3.14</u>		<u>_____</u>
TOTAL:	\$ 25.34	\$ 11.08*	_____

CHEMICALS

NH <sub>3</sub> or Aqua preplant (150#N/a)	\$ 25.50		_____
Treflan Pro 5 (1.5pt/a)	7.13		_____
	<u>7.13</u>		<u>_____</u>
TOTAL:	\$ 32.63		_____

HARVEST

Harvest	\$ 1.40	\$ 2.00	_____
TOTAL:	\$ 1.40	\$ 2.00*	_____

LABOR

Cultural (\$5.25/hr)	\$ 11.08		_____
Harvest (1 man)	2.00		_____
	<u>2.00</u>		<u>_____</u>
TOTAL:	\$ 13.08		_____

CASH OVERHEAD

Share rent (15% of gross income)	\$ 59.85		_____
Management salary/benefits	16.32		_____
Repairs, maintenance, supplies	54.25		_____
Employee benefits (36% of labor cost)	4.71		_____
Office management expense	10.86		_____
Insurance	5.00		_____
Taxes on equipment	2.57		_____
	<u>2.57</u>		<u>_____</u>
TOTAL:	\$153.56		_____

\* Included in labor budget

DEBT SERVICE

	<u>COST/A</u>	<u>YOUR COST/A</u>
Interest on operating loan	\$ 29.25	_____
Interest on equipment	<u>1.43</u>	_____
TOTAL:	\$ 30.68	

TOTAL GROSS INCOME .....	\$ 399.00
TOTAL CASH EXPENSE/ACRE ...	<u>256.69</u>
NET INCOME/ACRE .....	\$ 142.31

NON-CASH COSTS

Equipment Depreciation	\$ 20.00	_____
Interest on Buildings	0.24	_____
Building Depreciation	<u>3.33</u>	_____
TOTAL:	\$ 23.57	_____