

## SAMPLE COST TO PRODUCE SAFFLOWER

TYPE OF CROP.....= SAFFLOWER	NUMBER OF ACRES.....= 300
YIELD PER ACRE....= 1.5 TONS	MARKET VALUE PER TONS..= 275
GROSS INCOME.....= 123,750.00	GROSS INCOME/ACRE.....= 412.50

## EXPENSES

TYPE	PER ACRE	TOTAL	CHANGES
-----	-----	-----	-----
<b>CULTURAL FUEL COSTS</b>			
Stubble Chop	0.57	171.00	-----
Disc 2x	2.20	660.00	-----
Plow	2.75	825.00	-----
Disc 2x	2.20	660.00	-----
Level Plane 2x	2.72	816.00	-----
Pre-plant Nitrogen	0.75	225.00	-----
Herb. Application	2.20	660.00	-----
Harrow/Ringroll 2x	1.50	450.00	-----
Float/Ringroll	0.75	225.00	-----
Plant	1.00	300.00	-----
Seed (40 lbs./ac)	16.80	5,040.00	-----
Drain Maintenance	5.00	1,500.00	-----
	-----	-----	-----
TOTAL ***	38.44	11,532.00	-----
<b>CHEMICALS</b>			
Nitrogen-150 lbs/a	34.50	10,350.00	-----
Treflan 1.5 pts/ac	8.43	2,529.00	-----
	-----	-----	-----
TOTAL ***	42.93	12,879.00	-----
<b>HARVEST</b>			
Harvester	2.80	840.00	-----
Hauling	1.00	300.00	-----
Combine	2.80	840.00	-----
Haul (\$5.50/T)	8.25	2,475.00	-----
	-----	-----	-----
TOTAL ***	14.85	4,455.00	-----
<b>LABOR</b>			
Hauling	1.60	480.00	-----
Cultural (\$5/hr)	21.10	6,330.00	-----
Harvest	2.00	600.00	-----
	-----	-----	-----
TOTAL ***	24.70	7,410.00	-----

EXPENSES CONTINUED, SAFFLOWER

TYPE	PER ACRE	TOTAL	CHANGES
<b>DEBT SERVICE</b>			
Interest on Loan	19.65	5,895.00	
Interest on Equip.	9.00	2,700.00	
<b>TOTAL ***</b>	<b>28.65</b>	<b>8,595.00</b>	

TYPE	PER ACRE	TOTAL	CHANGES
<b>CASH OVERHEAD</b>			
Share Rent (25%)	103.00	30,900.00	
Office/Mgmt. Exp.	15.00	4,500.00	
Repairs/Maint/	30.00	9,000.00	
Taxes on Equip.	2.57	771.00	
Emp. Benifita (30%)	7.18	2,154.00	
Mgmt. Sal/Benifita	35.00	10,500.00	
<b>TOTAL ***</b>	<b>192.75</b>	<b>57,825.00</b>	

<b>TOTAL CASH EXPENSES #</b>	<b>342.32</b>	<b># 102,696.00</b>
<b>NET INCOME @ 1.5 TONS #</b>	<b>70.18</b>	<b># 21,054.00</b>

<b>NON-CASH COSTS</b>			
Interest on Bldgs.	10.67	3,201.00	
Bldg. Depreciation	4.44	1,332.00	
Equip. Deprec.	37.50	11,250.00	
<b>TOTAL NON-CASH COSTS #</b>	<b>52.61</b>	<b># 15,783.00</b>	

GRAPH OF CROP EXPENSES

TYPE	00%	10%	20%	30%	40%	50%	60%	70%+>
CULTURAL FUEL COSTS								
CHEMICALS								
HARVEST								
LABOR								
DEBT SERVICE								
CASH OVERHEAD								
NON-CASH COSTS								

## 1984 SAMPLE COST TO PRODUCE SAFFLOWER

**AREAS OF ADAPTATION** - Most areas of Sacramento and Solano Counties. Reasonable yields produced on marginal soils, except where soils have hardpans.

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

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

**SOIL REQUIRMENTS** -Clays, flay loams, muck, non-hardpan soils.

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

**SEEDING RATES** - 35 to 50 lbs/acre, row planted on 7-20 inch rows. Increase seeding 10 lbs/ac for drilled plantings on sub-irrigated land.

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

**IRRIGATION** - Usually none, except where rain machines are used. Planting should be to moisture.

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

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

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















