

Sacramento Co
1984

CROP..... SAFFLOWER
YIELD/ACRE IN TONS... 1.5
MARKET VALUE/TON..... \$175.00

GROSS INCOME PER ACRE..... \$262.50
TOTAL CASH COST/ACRE..... 282.32
NET LOSS/ACRE..... -19.82

<u>CULTURAL COSTS FUEL</u>	<u>COST/A</u>	<u>LABOR</u>	<u>YOUR COST/A</u>
Chop corn stubble	0.28	1.42	_____
Disc 2x	1.08	1.66	_____
Plow	1.00	1.25	_____
Disc 2x	1.08	1.66	_____
Preplant Nitrogen			_____
Aqua/Ringroller	0.70	1.00	_____
Float ringroller	0.54	0.53	_____
Herb. application	0.76	0.76	_____
Float ringroller	0.54	0.83	_____
Plant	0.80	2.00	_____
Pickup	3.40		_____
Reclamation	<u>15.00</u>		_____
TOTAL:	25.18	11.11*	_____

<u>CHEMICALS/SEED</u>			
Nitrogen 150#	28.50		_____
Treflan 1.0#/A	8.03		_____
Seed 40 #/A	<u>17.00</u>		_____
TOTAL:	53.53		_____

<u>HARVEST</u>			
Harvester (fuel)	1.25		_____

<u>LABOR</u>			
Cultural	11.11		_____
Harvest	1.25		_____
Shop Mechanic	<u>10.00</u>		_____
TOTAL:	22.36		_____

* Included in labor budget

1986 SAMPLE COST TO PRODUCE SAFFLOWER

AREAS OF ADAPTATION - Deep soils of Sacramento County yield 1-1.5 tons/A. On marginal soils, except where hardpans exist in the Elk Grove area should not be planted.

PLANTING DATES - February 15 to April 15.

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

SOIL REQUIREMENTS - Clays, clay 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. 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.

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