

TITLE: SAFFLOWER PRODUCTION COSTS AND RETURNS
 FRESNO COUNTY
 LANDOWNER BASIS

SA-VS-78

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
<hr/>					
1. GROSS RECEIPTS FROM PRODUCTION:					
SAFFLOWER	TON	300.000	1.250	\$ 375.00	
TOTAL RECEIPTS:				\$ 375.00	
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2. VARIABLE COSTS:					
PREHARVEST:				\$	\$
NITROGEN	LBS.	0.200	100.000	20.00	
SAFFLOWER, SEED	LBS.	0.270	30.000	8.10	
INSECTICIDE	ACRE	6.000	1.000	6.00	
AERIAL SPRAYING	ACRE	3.500	1.000	3.50	
IRRIG DIST WATER	ACIN	0.792	30.000	23.76	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			15.54	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			6.73	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			1.33	
IRRIGATION (LUBE-REPAIRS)	ACRE			1.47	
IRRIGATION WATER APPLIED	ACIN	0.049	30.000		
MACHINERY LABOR	HOUR	5.100	3.092	15.77	
IRRIGATION LABOR	HOUR	4.250	10.500	44.63	
INTEREST ON OPERATING CAP.	DOL.	0.086	62.104	5.24	
TOTAL PREHARVEST COSTS:				\$ 152.07	
PREHARVEST COST PER CWT.				\$ 6.08	
HARVEST:				\$	\$
HARVEST & HAUL	ACRE	27.500	1.000	27.50	
TOTAL HARVEST COSTS:				\$ 27.50	
HARVEST COST PER CWT.				\$ 1.10	
TOTAL VARIABLE COSTS:				\$ 179.57	
VARIABLE COST PER CWT.				\$ 7.18	
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3. INCOME ABOVE VARIABLE COSTS:				\$ 195.43	
INCOME PER CWT.				\$ 7.82	
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4. CASH OVERHEAD:				\$	
REAL PROPERTY TAXES:				9.00	
MISC. OFFICE & BOOKKEEPING (2.50% OF TOTAL VARIABLE COSTS)				4.49	
TOTAL CASH OVERHEAD:				\$ 13.49	
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5. INCOME ABOVE ALL CASH COSTS:				\$ 181.94	
INCOME PER CWT.				\$ 7.28	
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6. OWNERSHIP COSTS:					
DEPRECIATION:				\$	
MACHINERY & EQUIPMENT	ACRE			10.57	
IRRIGATION SYSTEM	ACRE			8.09	
BUILDINGS	ACRE			6.80	
TOTAL DEPRECIATION:				\$ 25.46	
CAPITAL & INTEREST:				\$	
MACHINERY&EQUIPMENT		0.086	99.548	8.59	
IRRIGATION SYSTEM		0.086	74.323	6.41	
BUILDINGS		0.086	133.688	11.54	
LAND		0.083	1500.000	123.75	
TOTAL INTEREST CHARGE:				\$ 150.29	
TOTAL FIXED COSTS:				\$ 175.75	
FIXED COST PER CWT.				7.03	
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7. TOTAL OF ABOVE COSTS:				\$ 368.81	
TOTAL COST PER CWT.				14.75	
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8. NET RETURNS:				\$ 6.19	
NET RETURNS PER CWT.				0.25	
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100 ACRES OF CROP --- FURROW IRRIGATED
 YIELD 2500 LBS PER ACRE
 TYPICAL PRACTICES REPRESENTED

01/28/78

BUDGET IDENTIFICATION NUMBER 2251000520 362 1
 DATE PRINTED: 03/01/79

BUDGET RECORD NUMBER 130
 HARVEST MONTH: 8

TITLE: SAFFLOWER PRODUCTION COSTS AND RETURNS
 FRESNO COUNTY
 LANDOWNER BASIS

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
SAFFLOWER	TON	300.000	1.250	\$ 375.00	
TOTAL RECEIPTS:				\$ 375.00	
2. VARIABLE COSTS:					
PREHARVEST:					
NITROGEN	LBS.	0.200	100.000	20.00	
SAFFLOWER, SEED	LBS.	0.270	30.000	8.10	
INSECTICIDE	ACRE	6.000	1.000	6.00	
AERIAL SPRAYING	ACRE	3.500	1.000	3.50	
IRRIG DIST WATER	ACIN	0.792	30.000	23.76	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			15.54	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			6.73	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			1.33	
IRRIGATION (LUBE-REPAIRS)	ACRE			1.47	
IRRIGATION WATER APPLIED	ACIN	0.049	30.000		
MACHINERY LABOR	HOUR	5.100	3.092	15.77	
IRRIGATION LABOR	HOUR	4.250	10.500	44.63	
INTEREST ON OPERATING CAP.	DOL.	0.086	38.123	3.20	
TOTAL PREHARVEST COSTS:				\$ 150.03	
PREHARVEST COST PER CWT.				\$ 6.00	
HARVEST:					
HARVEST & HAUL	ACRE	27.500	1.000	27.50	
INTEREST ON OPERATING CAP.	DOL.	0.086	22.917	1.98	
TOTAL HARVEST COSTS:				\$ 29.48	
HARVEST COST PER CWT.				\$ 1.18	
TOTAL VARIABLE COSTS:				\$ 179.50	
VARIABLE COST PER CWT.				\$ 7.18	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER CWT.				\$ 195.50	
				\$ 7.82	
4. CASH OVERHEAD:					
REAL PROPERTY TAXES:				9.00	
MISC. OFFICE & BOOKKEEPING (2.50% OF TOTAL VARIABLE COSTS)				4.49	
TOTAL CASH OVERHEAD:				\$ 13.49	
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER CWT.				\$ 182.01	
				\$ 7.28	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			10.57	
IRRIGATION SYSTEM	ACRE			8.09	
BUILDINGS	ACRE			6.80	
TOTAL DEPRECIATION:				\$ 25.46	
CAPITAL & INTEREST:					
MACHINERY & EQUIPMENT		0.086	99.548	8.59	
IRRIGATION SYSTEM		0.086	74.323	6.41	
BUILDINGS		0.086	133.688	11.54	
LAND		0.083	1500.000	123.75	
TOTAL INTEREST CHARGE:				\$ 150.29	
TOTAL FIXED COSTS:				\$ 175.75	
FIXED COST PER CWT.				7.03	
TOTAL OF ABOVE COSTS:				\$ 368.74	
TOTAL COST PER CWT.				14.75	
8. NET RETURNS:					
NET RETURNS PER CWT.				\$ 6.26	
				0.25	

100 ACRES OF CROP --- FURROW IRRIGATED
 YIELD 2500 LBS. PER ACRE
 TYPICAL PRACTICES REPRESENTED

01/28/78

BUDGET IDENTIFICATION NUMBER 2251000520 362 1
 DATE PRINTED: 03/20/79

BUDGET RECORD NUMBER 130
 HARVEST MONTH: 6

CATEGORY	UNIT	MONTHLY SUMMARY OF RECEIPTS AND EXPENSES												TOTAL	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
TOTAL RECEIPTS	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	375.00	0.00	0.00	0.00	0.00	375.00
OPERATING EXPENSES															
NITROGEN	\$/AC	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00
SAFFLOWER, SEED	\$/AC	0.00	8.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.10
INSECTICIDE	\$/AC	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00
AERIAL SPRAYING	\$/AC	0.00	0.00	0.00	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.50
IRRIG DIST WATER	\$/AC	0.00	3.96	6.34	6.34	3.96	3.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.76
HARVEST & HAUL	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.50	0.00	0.00	0.00	0.00	27.50
MACHINE LABOR COST	\$/AC	5.91	2.83	3.37	0.06	3.37	0.06	0.06	0.06	0.11	0.00	0.00	0.00	0.00	15.77
INTEREST ON OPER. CAP.	\$/AC	1.36	0.70	0.55	0.41	0.13	0.01	0.01	0.01	2.00	0.00	0.00	0.00	0.00	5.18
TRACTOR COST	\$/AC	8.52	2.07	2.47	0.00	2.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.54
EQUIPMENT COST	\$/AC	4.06	1.19	0.66	0.03	0.66	0.03	0.03	0.03	0.07	0.00	0.00	0.00	0.00	6.73
BLDG OPER. COST	\$/AC	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.00	0.00	0.00	0.00	1.33
IRRIGATION COST	\$/AC	0.00	0.24	0.39	0.39	0.24	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.47
IRRIG LABOR COST	\$/AC	0.00	6.38	12.75	12.75	6.38	6.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.63
TOTAL EXPENSES	\$/AC	40.02	25.64	26.71	29.65	17.38	10.00	0.27	29.84	0.00	0.00	0.00	0.00	0.00	179.50

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	1.16	0.56	0.66	0.01	0.66	0.01	0.01	0.02	0.00	0.00	0.00	0.00	3.09
IRRIGATION LABOR	HR/AC	0.00	1.50	3.00	3.00	1.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00	10.50
IRRIG. WATER APPLIED	ACIN	0.00	5.00	8.00	8.00	5.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00

MACHINERY FIXED AND VARIABLE COSTS PER ACRE

MACHINE	CODE	SIZE	PURCHASE PRICE	YEARS OWNED	ANN HOURS USED	FIXED COST PER ACRE				VARIABLE COST PER ACRE				HRS PER ACRE
						DEPR.	INTER.	TAX	TOTAL	FUEL	LUBE	REPAIRS	TOTAL	
TRACTOR 75 HP	4	75.0	14500.	12.	1000.	1.25	1.08	0.22	2.55	2.28	0.34	2.40	5.02	1.379
TRACTOR 90 HP	5	90.0	23000.	12.	1000.	0.92	0.80	0.17	1.89	1.28	0.19	1.78	3.24	0.643
TRACT 4WD 175HP	8	135.0	52000.	12.	1000.	2.27	1.96	0.41	4.65	3.16	0.47	3.64	7.27	0.700
PICKUP 1/2 T	14	0.5	7500.	3.	1350.	0.09	0.03	0.01	0.12	0.19	0.03	0.08	0.30	0.082
CULTIVATOR 6ROW	53	15.0	3300.	15.	140.	0.59	0.46	0.11	1.15	0.00	0.01	0.68	0.69	0.412
DISC OFFSET HDTY	63	21.0	9300.	15.	110.	1.52	1.19	0.28	2.99	0.00	0.04	1.88	1.92	0.298
FERTLZR INJECTOR	70	10.0	2360.	15.	140.	0.32	0.25	0.06	0.63	0.00	0.01	0.54	0.55	0.313
LISTER 6 ROW	83	15.0	2000.	13.	190.	0.12	0.09	0.02	0.23	0.00	0.00	0.20	0.20	0.173
FURROWER 6SHOVEL	92	9.8	1500.	15.	125.	0.48	0.38	0.09	0.95	0.00	0.01	0.55	0.56	0.664
PLOW MB HYD 6-16	101	8.0	10000.	15.	90.	2.27	1.78	0.42	4.47	0.00	0.03	1.52	1.56	0.339
GRAIN DRILL	106	12.0	4000.	15.	90.	0.74	0.58	0.14	1.46	0.00	0.02	0.93	0.95	0.277
FURROW IRRIG SYS*	132	2.0	38250.	10.	5000.	8.09	6.41	1.29	15.79	0.00	0.03	1.44	1.47	15.000
FARM SHOP	2		12240.	35.		3.15	5.81	1.38	10.33	1.22		0.05	1.28	
SHOP TOOLS&EQUIP	4		3570.	15.		1.67	2.00	0.40	4.07	0.00		0.05	0.05	
STORAGE SHED	8		7650.	35.		1.97	3.63	0.86	6.46	0.00		0.01	0.01	
FUELTANK 550 GAL	18		136.	30.		0.02	0.09	0.02	0.13	0.00		0.00	0.00	

TOTAL INVESTMENT OR COST 191306.
 MACHINERY & EQUIPMENT 1913.
 INVESTMENT PER ACRE 25.46 26.54 5.87 57.87 8.13 1.19 15.75 25.07

100 ACRES OF CROP --- FURROW IRRIGATED
 YIELD 2500 LBS PER ACRE
 TYPICAL PRACTICES REPRESENTED

01/28/78

UC Cooperative Extension

BUDGET IDENTIFICATION NUMBER 2251000520 362 1
 HARVEST OR SALE MONTH 8

BUDGET RECORD NUMBER 130

SAFFLOWER PRODUCTION COSTS AND RETURNS
 FRESNO COUNTY
 LANDOWNER BASIS

COSTS AND RETURNS WILL BE
 DIVIDED BY 25.0 CWT.
 TO OBTAIN PER CWT. COSTS

LINE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PRICE	SHARE	UNIT	ITEM	TYPE	XXXX
PRODUCTION																		
1 SAFFLOWER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.25	0.00	0.00	0.00	0.00	300.000	0.000	3.	25.	2.	0.
	NUMBER OF UNITS																	
OPERATING INPUTS													PRICE	SHARE	UNIT	ITEM	TYPE	HARV
														RENT	CODE	CODE		CODE
6 NITROGEN	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.200	0.000	12.	211.	3.	0.
7 SAFFLOWER, SEED	0.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.270	0.000	12.	125.	3.	0.
8 INSECTICIDE	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.000	0.000	7.	240.	3.	0.
9 AERIAL SPRAYING	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.500	0.000	7.	370.	3.	0.
10 IRRIG DIST WATER	0.00	5.00	8.00	8.00	5.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.792	0.000	11.	323.	3.	0.
11 HARVEST & HAUL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	27.500	0.000	7.	318.	3.	9.

MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												M CREW	POWER	MACH	TYPE	HARV	
													LABOR	UNIT	CODE		CODE	
26 PLOW MB HYD 6-16	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	8.	101.	4.	0.
27 DISC OFFSET HDTY	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	8.	63.	4.	0.
28 FERTILZR INJECTOR	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	70.	4.	0.
29 LISTER 6 ROW	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	5.	83.	4.	0.
30 GRAIN DRILL	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	106.	4.	0.
31 CULTIVATOR 6ROW	0.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	5.	53.	4.	0.
32 FURROWER 6SHOVEL	0.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	92.	4.	0.
34 PICKUP 1/2 T	0.50	0.50	0.50	0.50	0.50	0.50	0.50	1.00	0.00	0.00	0.00	0.00	0.000	0.000	0.	14.	4.	0.
													SHARE	SHARE	POWER <td>SYSM</td> <td></td> <td></td>	SYSM		
													FIXED %	VAR %	UNIT	CODE	LIFT	
49 ACIN IRRIG WATER	0.00	5.00	8.00	8.00	5.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.132.		0.	
50 NO. TIMES IRRIG	0.00	1.00	2.00	2.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00						

EQUIPMENT REQUIREMENTS	NUMBER	PROPERT	XXX	EQUIP	TYPE	XXXX
	UNITS	OF COST		CODE		
51 FARM SHOP	1.000	0.340	0.	2.	5.	0.
52 SHOP TOOLS&EQUIP	1.000	0.340	0.	4.	5.	0.
53 STORAGE SHED	1.000	0.340	0.	8.	5.	0.
54 FUELTANK 550 GAL	1.000	0.340	0.	18.	5.	0.

LAND REQUIREMENTS	CHARGE	NUMBER	VALUE OR	TAXES	PERENNIAL CROPS
	METHOD	OF ACRES	COST/ACRE	PER ACRE	YRS LIFE COST/ACRE
71	1.	100.00	1500.00	9.00	0.0 0.00

100 ACRES OF CROP --- FURROW IRRIGATED
 YIELD 2500 LBS PER ACRE
 TYPICAL PRACTICES REPRESENTED

MACHINERY COMPLEMENT 3
 EQUIPMENT COMPLEMENT 1

01/28/78

NO NAME CHANGES HAVE BEEN STORED WITH THIS BUDGET

NO COMPLEMENT CHANGES HAVE BEEN STORED WITH THIS BUDGET