

TITLE: COSTS TO PRODUCE SAFFLOWER
 KERN COUNTY 1977
 TENNANT - LANDOWNER BASIS

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
SAFFLOWER	CWT.	15.000	25.000	\$ 375.00	
TOTAL RECEIPTS:				\$ 375.00	
2. VARIABLE COSTS:					
PREHARVEST:					
NITROGEN	LBS.	0.270	125.000	\$ 33.75	
PHOSPHATE	LBS.	0.250	45.000	11.25	
SAFFLOWER, SEED	LBS.	0.490	15.000	7.35	
HERBICIDE	GAL.	7.000	1.000	7.00	
FERTILIZER APP	ACRE	2.000	1.000	2.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			5.68	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			3.90	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			1.33	
IRRIGATION POWER COST	ACRE			42.29	
IRRIGATION (LUBE-REPAIRS)	ACRE			3.71	
IRRIGATION WATER APPLIED	ACIN	1.278	36.000		
MACHINERY LABOR	HOUR	5.100	1.605	8.19	
IRRIGATION LABOR	HOUR	4.250	12.000	51.00	
INTEREST ON OPERATING CAP.	DOL.	0.086	76.130	6.46	
TOTAL PREHARVEST COSTS:				\$ 183.91	
PREHARVEST COST PER CWT.				\$ 7.36	
HARVEST:					
CUSTOM COMBINE	ACRE	10.000	1.000	10.00	
CUSTOM COMBINE	CWT.	0.400	25.000	10.00	
CUSTOM HAULING	TON	2.800	1.250	3.50	
INTEREST ON OPERATING CAP.	DOL.	0.086	19.383	1.69	
TOTAL HARVEST COSTS:				\$ 25.19	
HARVEST COST PER CWT.				\$ 1.01	
TOTAL VARIABLE COSTS:				\$ 209.10	
VARIABLE COST PER CWT.				\$ 8.36	
3. INCOME ABOVE VARIABLE COSTS:				\$ 165.90	
INCOME PER CWT.				\$ 6.64	
4. CASH OVERHEAD:					
REAL PROPERTY TAXES:				\$ 2.65	
SHARE RENT:				75.00	
MISC. OFFICE & BOOKKEEPING (2.50% OF TOTAL VARIABLE COSTS)				5.23	
TOTAL CASH OVERHEAD:				\$ 82.88	
5. INCOME ABOVE ALL CASH COSTS:				\$ 83.02	
INCOME PER CWT.				\$ 3.32	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			\$ 5.10	
BUILDINGS	ACRE			6.80	
TOTAL DEPRECIATION:				\$ 11.90	
CAPITAL & INTEREST:					
MACHINERY&EQUIPMENT		0.086	47.250	\$ 4.08	
BUILDINGS		0.086	133.688	11.54	
TOTAL INTEREST CHARGE:				\$ 15.61	
TOTAL FIXED COSTS:				\$ 27.52	
FIXED COST PER CWT.				1.10	
7. TOTAL OF ABOVE COSTS:				\$ 319.50	
TOTAL COST PER CWT.				12.78	
8. NET RETURNS:				\$ 55.50	
NET RETURNS PER CWT.				2.22	

BASED ON 100 ACRES OF SAFFLOWER FURROW IRRIGATED
 YIELD OF 1.25 TON PER ACRE ON CLASSII SOILS (SCS)
 TYPICAL CULTURAL PRACTICES REPRESENTED

DATE: 06/27/78

BUDGET IDENTIFICATION NUMBER 2251500620 362 1
 DATE PRINTED: 03/20/79

BUDGET RECORD NUMBER 164
 HARVEST MONTH: 6

IDENTIFICATION NUMBER 2251500620 362 1
 COSTS TO PRODUCE SAFFLOWER
 KERN COUNTY 1977
 TENNANT - LANDOWNER BASIS

HARVEST MONTH 10

BUDGET RECORD NUMBER 164

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.75	0.00	33.75
PHOSPHATE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.25	0.00	11.25
SAFFLOWER, SEED	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.35	0.00	7.35
HERBICIDE	\$/AC	0.00	0.00	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00
FERTILIZER APP	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
CUSTOM COMBINE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	10.00
CUSTOM CORBINE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	10.00
CUSTOM HAULING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.50	0.00	0.00	0.00	0.00	3.50
MACHINE LABOR COST	\$/AC	0.00	0.00	1.07	0.06	0.06	0.06	0.06	0.06	0.17	0.00	3.70	3.03	0.00	8.19
INTEREST ON OPER. CAP.	\$/AC	0.00	0.00	1.16	0.74	0.62	0.49	0.37	0.35	0.00	0.00	5.93	0.00	0.00	9.66
TRACTOR COST	\$/AC	0.00	0.00	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.20	2.56	0.00	5.68
EQUIPMENT COST	\$/AC	0.00	0.00	0.15	0.03	0.03	0.03	0.03	0.10	0.00	2.25	1.26	0.00	0.00	3.90
BLDG OPER. COST	\$/AC	0.00	0.00	0.17	0.17	0.17	0.17	0.17	0.17	0.00	0.17	0.17	0.00	0.00	1.33
IRRIGATION COST	\$/AC	0.00	0.00	7.67	7.67	7.67	7.67	7.67	7.67	0.00	0.00	0.00	7.67	0.00	46.00
IRRIG LABOR COST	\$/AC	0.00	0.00	6.38	9.56	9.56	9.56	9.56	9.56	0.00	0.00	0.00	6.38	0.00	51.00
TOTAL EXPENSES	\$/AC	0.00	0.00	24.50	18.23	18.10	17.98	17.85	24.28	0.00	8.32	81.34	0.00	210.60	

MONTHLY IRRIGATION AND LABOR REQUIREMENTS															
MACHINE LABOR	HR/AC	0.00	0.00	0.21	0.01	0.01	0.01	0.01	0.03	0.00	0.72	0.59	0.00	0.00	1.61
IRRIGATION LABOR	HR/AC	0.00	0.00	1.50	2.25	2.25	2.25	2.25	0.00	0.00	0.00	1.50	0.00	0.00	12.00
IRRIG. WATER APPLIED	ACIN	0.00	0.00	6.00	6.00	6.00	6.00	6.00	0.00	0.00	0.00	6.00	0.00	0.00	36.00

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 & INS	TOTAL	FUEL	LUBE	REPAIRS	TOTAL	
TRACTOR 30 HP	1	30.0	6900.	12.	1000.	0.03	0.03	0.01	0.06	0.07	0.01	0.06	0.14	0.067
TRACTOR 90 HP	5	90.0	23000.	12.	1000.	0.98	0.84	0.18	1.99	1.35	0.20	1.87	3.43	0.679
CRAWLER 65 HP	10	65.0	26700.	17.	900.	0.87	0.89	0.20	1.95	0.99	0.15	0.97	2.11	0.594
PICKUP 1/2 T	14	0.5	7500.	3.	1350.	0.12	0.04	0.01	0.16	0.25	0.04	0.11	0.40	0.109
IRR PUMP 75 HP*	22	2.0	0.	25.	3200.	0.00	0.00	0.00	0.00	42.29	0.63	1.31	44.24	18.000
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
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
LANDPLANE 12X45	85	12.0	7100.	7.	340.	0.54	0.27	0.06	0.87	0.00	0.00	0.25	0.25	0.243
SPRAYER PTO	93	35.0	1700.	14.	180.	0.10	0.07	0.02	0.19	0.00	0.00	0.11	0.12	0.165
PLANTER BROW	110	20.0	4600.	15.	100.	0.78	0.61	0.14	1.53	0.00	0.02	0.96	0.98	0.280
FURROW IRIG SYS*	132	2.0	0.	10.	5000.	0.00	0.00	0.00	0.00	0.00	0.03	1.73	1.76	18.000
IAPL CARRIER	150	5.0	3500.	15.	200.	0.06	0.05	0.01	0.13	0.00	0.00	0.02	0.03	0.061
FARA 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 115896.
 MACHINERY & EQUIPMENT 1159.
 INVESTMENT PER ACRE

11.90 15.61 3.58 31.09 46.19 1.14 9.58 56.91

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 YIELD OF 1.25 TON PER ACRE ON CLASS II SOILS (SCS)
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