

TITLE: COST TO PRODUCE SAFFLOWER
 IMPERIAL COUNTY - 1977
 TENNANT - LAND OWNER BASIS

Safflower # 121

11

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
SAFFLOWER	TON	300.000	1.500	\$ 450.00	
TOTAL RECEIPTS:				\$ 450.00	
2. VARIABLE COSTS:					
PREHARVEST:					
ANKY AMMONIA	LBS.	0.150	200,000	\$ 30.00	
SAFFLOWER SEED	LBS.	0.490	15,000	7.35	
INSECTICIDE	ACRE	6.800	1,000	6.80	
CUSTOM AIR PEST	ACRE	3.500	1,000	3.50	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			10.62	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			3.15	
IRRIGATION POWER COST	ACRE			73.33	
IRRIGATION (LUBE-REPAIRS)	ACRE			14.64	
IRRIGATION WATER APPLIED	ACIN	1.222	72,000		
MACHINERY LABOR	HOURL	3.750	2,602	9.76	
IRRIGATION LABOR	HOURL	3.750	0,570	2.14	
INTEREST ON OPERATING CAP.	DOL.	0.080	95,995	7.68	
TOTAL PREHARVEST COSTS:				\$ 168.97	
PREHARVEST COST PER TON				\$ 112.64	
HARVEST:					
CUSTOM COMBINE	ACRE	21.000	1,000	21.00	
CUSTOM HAULING	TON	5.250	1,500	7.88	
INTEREST ON OPERATING CAP.	DOL.	0.080	4,813	0.39	
TOTAL HARVEST COSTS:				\$ 29.26	
HARVEST COST PER TON				\$ 19.51	
TOTAL VARIABLE COSTS:				\$ 198.23	
VARIABLE COST PER TON				\$ 132.15	
3. INCOME ABOVE VARIABLE COSTS:				\$ 251.77	
INCOME PER TON				\$ 167.85	
4. CASH OVERHEAD: (PROPERTY TAX & INSURANCE + 5.0% OF TOTAL VARIABLE COSTS)					
TOTAL CASH OVERHEAD:				\$ 22.60	
5. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			\$ 12.72	
TOTAL DEPRECIATION:				\$ 12.72	
CAPITAL & INTEREST:					
MACHINERY & EQUIPMENT		0.080	105,100	\$ 8.41	
TOTAL INTEREST CHARGE:				\$ 8.41	
TOTAL FIXED COSTS:				\$ 43.73	
FIXED COST PER TON				\$ 29.15	
NET INCOME ABOVE FIXED & VARIABLE COSTS:				\$ 208.04	
NET INCOME PER TON				\$ 138.70	
6. MANAGEMENT CHARGE (10.0% OF GROSS RECEIPTS)				\$ 45.00	
7. LAND CHARGE (CASH RENT):				\$ 80.00	
8. TOTAL OF ABOVE COSTS:				\$ 366.96	
TOTAL COST PER TON				\$ 244.64	
9. NET RETURNS:				\$ 83.04	
NET RETURNS PER TON				\$ 55.36	

FOOTNOTE: BASED ON 100 ACRES OF SAFFLOWER FURROW IRRIGATED
 YIELD OF 1.5 TONS PER ACRE ON CLASS II SOILS (SCS)
 TYPICAL CULTURAL PRACTICES ARE REPRESENTED
 BUDGET IDENTIFICATION: ENTERPRISE 225 COUNTY 13 MISCL 00 IRRIGATION LEVEL 9 LAND CLASS 2
 INDIV. # 0 MACH. COMP. 4 IRIG. SYSTEM 6 PRICE VECTOR 2 EQUIP COMP
 DATE PRINTED: 05/19/78
 DATE: 01/14/77
 ANNUAL CAPITAL MONTH: 9

COST TO PRODUCE SAFFLOWER
 IMPERIAL COUNTY - 1977
 TENNANT - LAND OWNER BASIS

MONTHLY SUMMARY OF RECEIPTS AND EXPENSES

CATEGORY	UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
TOTAL RECEIPTS	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	450.00	0.00	0.00	0.00	0.00	0.00	450.00
OPERATING EXPENSES														
ANHY AMMONIA	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00	30.00
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	7.35
INSECTICIDE	\$/AC	0.00	0.00	0.00	6.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.80
CUSTOM AIR PEST	\$/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	3.50
CUSTOM COMBINE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	21.00	0.00	0.00	0.00	0.00	0.00	21.00
CUSTOM HULLING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	7.88	0.00	0.00	0.00	0.00	0.00	7.88
MACHINE LABOR COST	\$/AC	0.11	0.11	0.11	0.11	0.11	0.11	0.34	0.00	0.00	0.00	4.13	4.61	9.76
INTEREST ON OPER. CAP.	\$/AC	0.68	0.59	0.51	0.77	0.34	0.25	0.39	0.00	0.00	0.00	0.79	3.75	8.06
TRACTOR COST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.18	4.44	10.62
EQUIPMENT COST	\$/AC	0.07	0.07	0.07	0.07	0.07	0.07	0.22	0.00	0.00	0.00	1.56	0.94	3.15
IRRIGATION COST	\$/AC	12.22	12.22	12.22	12.22	12.22	12.22	0.00	0.00	0.00	0.00	0.00	14.66	87.97
IRRIG LABOR COST	\$/AC	0.29	0.29	0.29	0.29	0.29	0.29	0.00	0.00	0.00	0.00	0.00	0.43	2.14
TOTAL EXPENSES	\$/AC	13.36	13.28	13.20	23.75	13.03	12.94	29.82	0.00	0.00	0.00	12.66	66.18	198.23

MONTHLY IRRIGATION AND LABOR REQUIREMENTS

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
MACHINE LABOR	HR/AC	0.03	0.03	0.03	0.03	0.03	0.03	0.09	0.00	0.00	0.00	1.10	1.23	2.60
IRRIGATION LABOR	HR/AC	0.08	0.08	0.08	0.08	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.11	0.57
IRRIG. WATER APPLIED	ACIN	10.00	10.00	10.00	10.00	10.00	10.00	0.00	0.00	0.00	0.00	0.00	12.00	72.00

MACHINERY FIXED AND VARIABLE COSTS PER ACRE

MACHINE	CODE	SIZE	PURCHASE PRICE	YEARS OWNED	HOURS USED	ANNUAL FIXED COST PER ACRE			VARIABLE COST PER ACRE				HRS PER ACRE	
						DEPR.	INTER.	TAX & INS	TOTAL	FUEL	LUBE	REPAIRS		TOTAL
TRACTOR 40 HP	1	40.0	8800.	10.	750.	0.278	0.204	0.089	0.571	0.444	0.067	0.223	0.733	0.336
TRACTOR 90 HP	4	90.0	18000.	10.	750.	1.033	0.760	0.330	2.122	1.188	0.178	0.829	2.195	0.611
TRAC 4WD 175 HP	8	175.0	39700.	10.	750.	2.260	1.662	0.721	4.643	2.673	0.401	1.815	4.888	0.606
CRAWLER 120 HP	11	120.0	69500.	10.	700.	3.206	2.358	1.023	6.587	1.386	0.208	1.212	2.806	0.458
PICKUP 1/2 TON	14	0.5	6175.	5.	750.	0.361	0.142	0.061	0.563	0.715	0.107	0.117	0.939	0.325
IRR PUMP 75 HP*	22	2.0	11388.	25.	3200.	4.691	5.558	2.745	12.994	73.326	1.100	2.983	77.409	36.000
SUBSOILER	46	12.0	6050.	10.	172.	1.206	0.690	0.321	2.217	0.000	0.017	0.829	0.846	0.417
DISC HYD OFFSET	62	18.0	5980.	10.	127.	1.346	0.770	0.358	2.473	0.000	0.012	0.579	0.591	0.347
FERT SPREADER	69	10.0	713.	5.	290.	0.107	0.040	0.017	0.164	0.000	0.002	0.103	0.105	0.313
LISTER 8 ROW	83	20.0	3300.	10.	60.	0.586	0.335	0.156	1.078	0.000	0.002	0.087	0.089	0.130
FLOAT	89	20.0	1265.	15.	28.	0.555	0.403	0.198	1.156	0.000	0.001	0.027	0.028	0.204
GRAIN DRILL	107	14.0	3965.	10.	62.	0.597	0.341	0.159	1.096	0.000	0.004	0.212	0.216	0.113
WELL+ FURROW*	132	2.0	38250.	10.	5000.	19.405	14.270	6.190	39.865	0.000	0.207	10.353	10.560	36.000
IMPLMT CARRIER	150	5.0	2933.	10.	120.	0.590	0.361	0.165	1.116	0.000	0.002	0.117	0.119	0.306
TOTAL			216019.			36.22	27.89	12.53	76.65	79.73	2.31	19.49	101.52	

(H)

BUDGET IDENTIFICATION NUMBER 2251300920 462 1
HARVEST OR SALE MONTH 6

BUDGET RECORD NUMBER 121

COST TO PRODUCE SAFFLOWER
IMPERIAL COUNTY - 1977
TENANT - LAND OWNER BASIS

COSTS AND RETURNS WILL BE
DIVIDED BY 1.5 TON
TO OBTAIN PER TON COSTS

LINE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18					
PRODUCTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PRICE	SHARE	UNIT	ITEM	TYPE	XXXX					
1 SAFFLOWER	0.00	0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.00	0.00	0.00	0.00	300.000	0.000	3.	25.	2.	0.					
OPERATING INPUTS																							
	RATE/UNIT												PRICE	SHARE	UNIT	ITEM	TYPE	HARV					
													RENT	CODE	CODE		CODE						
6 ANHY AMMONIA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00	0.150	0.000	12.	210.	3.	0.					
7 SAFFLOWER, SEED	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00	0.490	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	6.800	0.000	7.	240.	3.	0.					
9 CUSTOM AIR PEST	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.	372.	3.	0.					
10 CUSTOM COMBINE	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	21.000	0.000	7.	305.	3.	9.					
11 CUSTOM HAULING	0.00	0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.00	0.00	0.00	0.00	5.250	0.000	3.	306.	3.	9.					
MACHINERY REQUIREMENTS																							
	IMPLEMENTS = TIMES OVER												TRUCKS = # MILES/ACRE			TRACTORS = HRS/ACRE			M CREW	POWER	MACH	TYPE	HARV
																LABOR	UNIT	CODE		CODE			
26 SUBSOILER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.000	0.000	11.	46.	4.	0.					
27 DISC OFFSET HDY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.000	0.000	8.	62.	4.	0.					
28 FLOAT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.000	0.000	8.	89.	4.	0.					
29 FERT SPREADER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.000	0.000	4.	69.	4.	0.					
30 WATER 8 ROW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.000	0.000	4.	83.	4.	0.					
31 PLAIN DRILL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.000	0.000	4.	107.	4.	0.					
32 GRAIN DRILL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.000	0.000	0.	107.	4.	0.					
34 IMPLAT CARRIER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.50	0.000	0.000	1.	150.	4.	0.					
35 PICKUP 1/2 TON	0.50	0.50	0.50	0.50	0.50	0.50	1.50	0.00	0.00	0.00	0.50	1.50	0.000	0.000	0.	14.	4.	0.					
SHARE SHARE POWER SYSN																							
													FIXED %	VAR %	UNIT	CODE	LIFT						
49 ACIN IRRIG WATER	10.00	10.00	10.00	10.00	10.00	10.00	0.00	0.00	0.00	0.00	0.00	12.00	1.00	0.00	22.	132.	200.						
50 NO. TIMES IRRIG	2.00	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	3.00											

EQUIPMENT REQUIREMENTS

NUMBER UNITS PROPORT OF COST XXX EQUIP TYPE XXXX
CODE

LAND REQUIREMENTS

CHARGE METHOD NUMBER OF ACRES VALUE OR COST/ACRE TAXES PER ACRE PERENNIAL CROPS YRS LIFE COST/ACRE

71

2.

100.00

80.00

0.00

0.0

0.00

BASED ON 100 ACRES OF SAFFLOWER FURROW IRRIGATED
YIELD OF 1.5 TONS PER ACRE ON CLASSII SOILS (SCS)
TYPICAL CULTURAL PRACTICES ARE REPRESENTED

MACHINERY COMPLEMENT 4
EQUIPMENT COMPLEMENT 1

DATE: 01/14/78

NO NAME CHANGES HAVE BEEN STORED WITH THIS BUDGET

NO COMPLEMENT CHANGES HAVE BEEN STORED WITH THIS BUDGET