

TITLE: ALFALFA SEED COST OF PRODUCTION
 IMPERIAL COUNTY - 1977
 TENNANT - LAND OWNER BASIS

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
ALFALFA SEED	LBS.	1.020	300.000	\$ 306.00	
TOTAL RECEIPTS:				\$ 306.00	
2. VARIABLE COSTS:					
PREHARVEST:					
CUSTOM AIR PEST	ACRE	3.500	5.000	17.50	
INSECTICIDE	ACRE	4.300	5.000	21.50	
APIARY COLONY	UNIT	12.000	3.000	36.00	
IRRIG DIST WATER	ACIN	0.330	24.000	7.92	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			0.20	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			0.67	
IRRIGATION (LUBE-REPAIRS)	ACRE			1.17	
IRRIGATION WATER APPLIED	ACIN	0.049	24.000		
MACHINERY LABOR	HOURL	3.100	0.065	0.33	
IRRIGATION LABOR	HOURL	4.250	6.000	25.50	
INTEREST ON OPERATING CAP.	DOL.	0.086	51.507	4.42	
TOTAL PREHARVEST COSTS:				\$ 115.21	
PREHARVEST COST PER LBS.				\$ 0.38	
HARVEST:					
DINITRO	ACRE	9.700	1.000	9.70	
AERIAL SPRAYING	ACRE	3.500	1.000	3.50	
CUSTOM COMBINE	ACRE	20.000	1.000	20.00	
CUSTOM HAULING	TON	6.000	0.188	1.13	
SEED CLEANING	CWT.	3.000	3.750	11.25	
BAGS, TAGS, ETC	CWT.	0.750	3.000	2.25	
INTEREST ON OPERATING CAP.	DOL.	0.086	39.857	3.44	
TOTAL HARVEST COSTS:				\$ 51.27	
HARVEST COST PER LBS.				\$ 0.17	
TOTAL VARIABLE COSTS:				\$ 166.48	
VARIABLE COST PER LBS.				\$ 0.55	
3. INCOME ABOVE VARIABLE COSTS:				\$ 139.52	
INCOME PER LBS.				\$ 0.47	
4. CASH OVERHEAD:					
REAL PROPERTY TAXES:				\$ 1.33	
CASH RENT:				110.00	
MISC. OFFICE & BOOKKEEPING (2.50% OF TOTAL VARIABLE COSTS)				4.16	
TOTAL CASH OVERHEAD:				\$ 115.49	
5. INCOME ABOVE ALL CASH COSTS:				\$ 24.03	
INCOME PER LBS.				\$ 0.08	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			0.07	
IRRIGATION SYSTEM	ACRE			6.45	
BUILDINGS	ACRE			3.40	
TOTAL DEPRECIATION:				\$ 9.92	
CAPITAL & INTEREST:					
MACHINERY&EQUIPMENT		0.086	0.356	0.03	
IRRIGATION SYSTEM		0.086	59.303	5.12	
BUILDINGS		0.086	66.844	5.77	
TOTAL INTEREST CHARGE:				\$ 10.92	
TOTAL FIXED COSTS:				\$ 20.84	
FIXED COST PER LBS.				0.07	
7. TOTAL OF ABOVE COSTS:				\$ 302.80	
TOTAL COST PER LBS.				1.01	
8. NET RETURNS:				\$ 3.20	
NET RETURNS PER LBS.				0.01	

BASED ON 200 ACRES OF FLOOD IRRIGATED ALFALFA. DISTRICT WATER @ \$4 PER ACRE FOOT
 YIELD OF 375 LBS FIELD RUN(300 LBS CLEAN) ON CLASS II SOILS (SCS)
 TYPICAL CULTURAL PRACTICES REPRESENTED DATE: 01/14/78

BUDGET IDENTIFICATION NUMBER 2101300620 212 1 BUDGET RECORD NUMBER 127
 DATE PRINTED: 03/01/79 HARVEST MONTH: 5

TITLE: ALFALFA SEED COST OF PRODUCTION
 IMPERIAL COUNTY - 1977
 TENNANT - LAND OWNER BASIS

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
ALFALFA SEED	LBS.	1.020	300.000	\$ 306.00	
TOTAL RECEIPTS:				\$ 306.00	
2. VARIABLE COSTS:					
PREHARVEST:					
		\$		\$	
CUSTOM AIR PEST	ACRE	3.500	5.000	17.50	
INSECTICIDE	ACRE	4.300	5.000	21.50	
APIARY COLONY	UNIT	12.000	3.000	36.00	
IRRIG DIST WATER	ACIN	0.330	24.000	7.92	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			0.20	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			0.67	
IRRIGATION (LUBE-REPAIRS)	ACRE			1.17	
IRRIGATION WATER APPLIED	ACIN	0.049	24.000		
MACHINERY LABOR	HOUR	5.100	0.065	0.33	
IRRIGATION LABOR	HOUR	4.250	6.000	25.50	
INTEREST ON OPERATING CAP.	DOL.	0.086	15.947	1.35	
TOTAL PREHARVEST COSTS:				\$ 112.14	
PREHARVEST COST PER LBS.				\$ 0.37	
HARVEST:					
		\$		\$	
DINITRO	ACRE	9.700	1.000	9.70	
AERIAL SPRAYING	ACRE	3.500	1.000	3.50	
CUSTOM COMBINE	ACRE	20.000	1.000	20.00	
CUSTOM HAULING	TON	6.000	0.188	1.13	
SEED CLEANING	CWT.	3.000	3.750	11.25	
BAGS, TAGS, ETC	CWT.	0.750	3.000	2.25	
INTEREST ON OPERATING CAP.	DOL.	0.086	43.842	3.78	
TOTAL HARVEST COSTS:				\$ 51.61	
HARVEST COST PER LBS.				\$ 0.17	
TOTAL VARIABLE COSTS:				\$ 163.75	
VARIABLE COST PER LBS.				\$ 0.55	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER LBS.				\$ 142.25	
				\$ 0.47	
4. CASH OVERHEAD:					
				\$	
REAL PROPERTY TAXES:				1.33	
CASH RENT:				110.00	
MISC. OFFICE & BOOKKEEPING (2.50% OF TOTAL VARIABLE COSTS)				4.09	
TOTAL CASH OVERHEAD:				\$ 115.42	
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER LBS.				\$ 26.82	
				\$ 0.09	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
				\$	
MACHINERY & EQUIPMENT	ACRE			0.07	
IRRIGATION SYSTEM	ACRE			6.45	
BUILDINGS	ACRE			3.40	
TOTAL DEPRECIATION:				\$ 9.92	
CAPITAL & INTEREST:					
				\$	
MACHINERY&EQUIPMENT		0.086	0.356	0.03	
IRRIGATION SYSTEM		0.086	59.303	5.12	
BUILDINGS		0.086	66.844	5.77	
TOTAL INTEREST CHARGE:				\$ 10.92	
TOTAL FIXED COSTS:				\$ 20.84	
FIXED COST PER LBS.				0.07	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER LBS.				\$ 300.01	
				1.00	
8. NET RETURNS:					
NET RETURNS PER LBS.				\$ 5.99	
				0.02	

BASED ON 200 ACRES OF FLOOD IRRIGATED ALFALFA. DISTRICT WATER @4 PER ACRE FOOT
 YIELD OF 375 LBS FIELD RUN(300 LBS CLEAN) ON CLASS II SOILS (SCS)
 TYPICAL CULTURAL PRACTICES REPRESENTED DATE: 01/14/78

BUDGET IDENTIFICATION NUMBER 2101300620 212 1
 DATE PRINTED: 03/20/79

BUDGET RECORD NUMBER 127
 HARVEST MONTH: 6

BUDGET IDENTIFICATION NUMBER 2101300620 212 1
 HARVEST OR SALE MONTH 5

BUDGET RECORD NUMBER 127

ALFALFA SEED COST OF PRODUCTION
 IMPERIAL COUNTY - 1977
 TENNANT - LAND OWNER BASIS

COSTS AND RETURNS WILL BE
 DIVIDED BY 300.0 LBS.
 TO OBTAIN PER LBS. 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 ALFALFA SEED	0.00	0.00	0.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	1.020	0.000	12.	10.	2.	0.
OPERATING INPUTS																		
	RATE/UNIT												PRICE	SHARE	UNIT	ITEM	TYPE	HARV
6 CUSTOM AIR PEST	0.00	0.00	0.00	2.00	2.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	3.500	0.000	7.	372.	3.	0.
7 INSECTICIDE	0.00	0.00	0.00	2.00	2.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	4.300	0.000	7.	240.	3.	0.
8 APIARY COLONY	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	12.000	0.000	22.	350.	3.	0.
9 DINITRO	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	9.700	0.000	7.	267.	3.	9.
10 AERIAL SPRAYING	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	3.500	0.000	7.	370.	3.	9.
11 IRRIG DIST WATER	0.00	0.00	6.00	6.00	6.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.330	0.000	11.	323.	3.	0.
14 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	20.000	0.000	7.	305.	3.	9.
15 CUSTOM HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.00	6.000	0.000	3.	306.	3.	9.
16 SEED CLEANING	0.00	0.00	0.00	0.00	0.00	0.00	3.75	0.00	0.00	0.00	0.00	0.00	3.000	0.000	16.	396.	3.	9.
17 BAGS, TAGS, ETC	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.750	0.000	16.	381.	3.	9.
MACHINERY REQUIREMENTS																		
	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												M CREW	POWER	MACH	TYPE	HARV	
26 PICKUP 1/2 T	0.00	0.50	0.50	0.50	0.50	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.	14.	4.	0.
													LABOR	UNIT	CODE			
49 ACIN IRRIG WATER	0.00	0.00	6.00	6.00	6.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.128.		0.
50 NO. TIMES IRRIG	0.00	0.00	1.50	1.50	1.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
EQUIPMENT REQUIREMENTS																		
													NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX
51 FARM SHOP													UNITS	OF COST		CODE		
52 SHOP TOOLS&EQUIP													1.000	0.340	0.	2.	5.	0.
53 STORAGE SHED													1.000	0.340	0.	4.	5.	0.
54 FUELTANK 550 GAL													1.000	0.340	0.	8.	5.	0.
													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	2.	200.00			110.00	0.00	0.0	0.00										
BASED ON 200 ACRES OF FLOOD IRRIGATED ALFALFA. DISTRICT WATER @ \$4 PER ACRE FOOT													MACHINERY COMPLEMENT		2			
YIELD OF 375 LBS FIELD RUN(300 LBS CLEAN) ON CLASSII SOILS (SCS)													EQUIPMENT COMPLEMENT		1			
TYPICAL CULTURAL PRACTICES REPRESENTED													DATE:		01/14/78			

NO NAME CHANGES HAVE BEEN STORED WITH THIS BUDGET

NO COMPLEMENT CHANGES HAVE BEEN STORED WITH THIS BUDGET

IDENTIFICATION NUMBER 2101300620 212 1
 ALFALFA SEED COST OF PRODUCTION
 IMPERIAL COUNTY - 1977
 TENNANT - LAND OWNER BASIS

HARVEST MONTH - 6

BUDGET RECORD NUMBER 127

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	306.00	0.00	0.00	0.00	0.00	0.00	306.00
OPERATING EXPENSES														
CUSTOM AIR PEST	\$/AC	0.00	0.00	0.00	7.00	7.00	0.00	3.50	0.00	0.00	0.00	0.00	0.00	17.50
INSECTICIDE	\$/AC	0.00	0.00	0.00	8.60	8.60	0.00	4.30	0.00	0.00	0.00	0.00	0.00	21.50
APIARY COLONY	\$/AC	0.00	0.00	0.00	0.00	0.00	36.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00
DINITRO	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	9.70	0.00	0.00	0.00	0.00	0.00	9.70
AERIAL SPRAYING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	3.50	0.00	0.00	0.00	0.00	0.00	3.50
IRRIG DIST WATER	\$/AC	0.00	0.00	1.98	1.98	1.98	1.98	0.00	0.00	0.00	0.00	0.00	0.00	7.92
CUSTOM COMBINE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	20.00
CUSTOM HAULING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	1.13	0.00	0.00	0.00	0.00	0.00	1.13
SEED CLEANING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	11.25	0.00	0.00	0.00	0.00	0.00	11.25
BAGS, TAGS, ETC	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	2.25	0.00	0.00	0.00	0.00	0.00	2.25
MACHINE LABOR COST	\$/AC	0.00	0.06	0.06	0.06	0.06	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.33
INTEREST ON OPER. CAP.	\$/AC	0.00	0.01	0.19	0.34	0.17	0.00	4.41	0.00	0.00	0.00	0.00	0.00	5.13
EQUIPMENT COST	\$/AC	0.00	0.03	0.03	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.20
BLDG OPER. COST	\$/AC	0.00	0.11	0.11	0.11	0.11	0.11	0.11	0.00	0.00	0.00	0.00	0.00	0.67
IRRIGATION COST	\$/AC	0.00	0.00	0.29	0.29	0.29	0.29	0.00	0.00	0.00	0.00	0.00	0.00	1.17
IRRIG LABOR COST	\$/AC	0.00	0.00	6.38	6.38	6.38	6.38	0.00	0.00	0.00	0.00	0.00	0.00	25.50
TOTAL EXPENSES	\$/AC	0.00	0.21	9.04	24.79	24.62	44.85	60.24	0.00	0.00	0.00	0.00	0.00	163.75

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.07
IRRIGATION LABOR	HR/AC	0.00	0.00	1.50	1.50	1.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00	6.00
IRRIG. WATER APPLIED	ACIN	0.00	0.00	6.00	6.00	6.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	24.00

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	
PICKUP 1/2 T	14	0.5	7500.	6.	750.	0.07	0.03	0.01	0.11	0.13	0.02	0.06	0.20	0.055
SURFACE IRR SYS*	128	2.0	38150.	10.	5000.	6.45	5.12	1.03	12.60	0.00	0.02	1.15	1.17	12.000
FARM SHOP	2		12240.	35.		1.57	2.90	0.69	5.17	0.61		0.03	0.64	
SHOP TOOLS&EQUIP	4		3570.	15.		0.83	1.00	0.20	2.04	0.00		0.02	0.02	
STORAGE SHED	8		7650.	35.		0.98	1.82	0.43	3.23	0.00		0.01	0.01	
FUELTANK 550 GAL	18		136.	30.		0.01	0.05	0.01	0.06	0.00		0.00	0.00	

TOTAL INVESTMENT OR COST 69246.
 MACHINERY & EQUIPMENT 346.
 INVESTMENT PER ACRE 9.92 10.92 2.36 23.20 0.74 0.04 1.26 2.04

BASED ON 200 ACRES OF FLOOD IRRIGATED ALFALFA. DISTRICT WATER @ \$4 PER ACRE FOOT
 YIELD OF 375 LBS FIELD RUN[300 LBS CLEAN] ON CLASS II SOILS (SCS)
 TYPICAL CULTURAL PRACTICES REPRESENTED DATE: 01/14/78