

AF-SI-79-7

IDENTIFICATION NUMBER 2 91300430 312 1
ALFALFA PRODUCTION - 1979
SOUTHERN DESERT REGION

HARVEST MONTH 12

BUDGET RECORD NUMBER 358

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	107.60	107.60	161.40	161.40	161.40	107.60	107.60	0.00	0.00	914.60
OPERATING EXPENSES														
PROSPHATE	\$/AC	0.00	0.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00
INSECTICIDE	\$/AC	0.00	0.00	0.00	8.50	8.50	8.50	8.50	8.50	8.50	0.00	0.00	0.00	51.00
IRRIG DIST WATER	\$/AC	0.00	2.50	5.00	5.00	5.00	5.00	5.00	5.00	2.50	0.00	0.00	0.00	35.00
CUSTOM SWATHING	\$/AC	0.00	0.00	0.00	6.50	6.50	6.50	6.50	6.50	6.50	0.00	0.00	0.00	45.50
CUSTOM WINROW	\$/AC	0.00	0.00	0.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	0.00	0.00	10.50
CUSTOM BALE	\$/AC	0.00	0.00	0.00	9.50	9.50	14.25	14.25	14.25	9.50	9.50	0.00	0.00	80.75
CUSTOM BANKOUT	\$/AC	0.00	0.00	0.00	3.50	3.50	5.25	5.25	5.25	3.50	3.50	0.00	0.00	29.75
MACHINE LABOR COST	\$/AC	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	3.17
INTEREST ON OPER. CAP.	\$/AC	0.05	0.77	3.53	3.51	3.06	3.24	2.50	1.99	1.09	0.43	0.00	0.00	20.18
EQUIPMENT COST	\$/AC	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	2.68
IRRIGATION COST	\$/AC	0.00	0.29	0.59	0.59	0.59	0.05	0.59	0.59	0.29	0.00	0.00	0.00	3.56
IRRIG LABOR COST	\$/AC	0.00	4.55	9.10	9.10	9.10	13.65	9.10	9.10	4.55	0.00	0.00	0.00	68.25
TOTAL EXPENSES	\$/AC	0.54	8.60	43.71	48.18	47.73	38.42	53.67	53.17	38.42	21.91	0.49	0.49	375.34

MONTHLY IRRIGATION AND LABOR REQUIREMENTS

	HR/AC	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
MACHINE LABOR	HR/AC	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.58
IRRIGATION LABOR	HR/AC	0.00	1.00	2.00	2.00	2.00	3.00	2.00	2.00	1.00	0.00	0.00	0.00	15.00
DISTRICT WATER APPLIED	ACIN	0.00	6.00	12.00	12.00	12.00	1.00	12.00	12.00	6.00	0.00	0.00	0.00	73.00

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
TRUCK 1-1/2 T	12	1.5	11000.	4.	1400.	0.33	0.17	0.02	0.52	1.04	0.16	0.54	1.73	0.267
PICKUP 1/2 T	14	0.5	7500.	3.	1350.	0.24	0.10	0.01	0.35	0.63	0.09	0.22	0.95	0.218
SURFACE IRR SYS*	128	2.0	5000.	10.	5000.	0.60	0.00	0.00	0.60	0.00	0.07	3.49	3.56	36.500

MACHINERY & EQUIPMENT INVESTMENT & COSTS PER ACRE

25.

0.57 0.27 0.03 0.87 1.67 0.32 4.25 6.24

TOTAL INVESTMENT

18500.

FLOOD IRRIGATED
USING DISTRICT WATER
3 YEAR STAND LIFE

TITLE: ALFALFA PRODUCTION - 1979
SOUTHERN DESERT REGION

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
ALFALFA HAY	TON	107.600	8.500	914.60	
TOTAL RECEIPTS:				\$	914.60
2. VARIABLE COSTS:					
PREHARVEST:					
PHOSPHATE	LBS.	0.250	100.000	25.00	
INSECTICIDE	APLC	8.500	6.000	51.00	
IRRIG DIST WATER	ACFT	5.000	7.000	35.00	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			2.68	
IRRIGATION (LUBE-REPAIRS)	ACRE			3.56	
IRRIGATION WATER APPLIED	ACIN	0.049	73.000		
MACHINERY LABOR	HOUR	5.450	0.582	3.17	
IRRIGATION LABOR	HOUR	4.550	15.000	68.25	
INTEREST ON OPERATING CAP.	DOL.	0.119	102.493	11.92	
TOTAL PREHARVEST COSTS:				\$	200.58
PREHARVEST COST PER TON				\$	23.5977
HARVEST:					
CUSTOM SWATHING	EACH	6.500	7.000	45.50	
CUSTOM WINROW	EACH	1.500	7.000	10.50	
CUSTOM BALE	TON	9.500	8.500	80.75	
CUSTOM BANKOUT	TON	3.500	8.500	29.75	
INTEREST ON OPERATING CAP.	DOL.	0.119	69.375	8.26	
TOTAL HARVEST COSTS:				\$	174.76
HARVEST COST PER TON				\$	20.5595
TOTAL VARIABLE COSTS:				\$	375.34
VARIABLE COST PER TON				\$	44.1572
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER TON				\$	539.26
INCOME PER TON				\$	63.4428
4. CASH OVERHEAD:					
CASH RENT:					125.00
MISC. OFFICE & BOOKKEEPING (2.50% OF TOTAL VARIABLE COSTS)					9.39
TOTAL CASH OVERHEAD:				\$	134.38
OVERHEAD COST PER TON					15.8098
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER TON				\$	404.88
INCOME PER TON				\$	47.6330
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			0.57	
TREES, VINES OR STAND	ACRE			28.17	
TOTAL DEPRECIATION:				\$	28.73
CAPITAL & INTEREST:					
MACHINERY/EQUIPMENT		0.119	2.290	0.27	
TREES, VINES OR STAND		0.119	169.000	10.06	
TOTAL INTEREST CHARGE:				\$	10.33
TOTAL FIXED COSTS:				\$	39.06
FIXED COST PER TON					4.5956
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER TON				\$	548.78
TOTAL COST PER TON					64.5626
8. NET RETURNS:					
NET RETURNS PER TON				\$	365.82
NET RETURNS PER TON					43.0374

FLOOD IRRIGATED
USING DISTRICT WATER
3 YEAR STAND LIFE

UC Cooperative Extension

BUDGET IDENTIFICATION NUMBER 2 91300430 312 1
DATE PRINTED: 11/09/79

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HARVEST MONTH: 12