

AF-IR-79-3

TITLE: ALFALFA PRODUCTION - 1979
MOUNTAIN COUNTIES REGION

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
ALFALFA HAY	TON	107.600	6.000	\$ 645.60	
TOTAL RECEIPTS:				\$ 645.60	
2. VARIABLE COSTS:					
PREHARVEST:					
PHOSPHATE	LBS.	0.220	50.000	11.00	
HERBICIDE	LBS.	3.500	1.500	5.25	
AERIAL SPRAYING	ACRE	3.500	1.000	3.50	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			0.90	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			0.93	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			0.65	
IRRIGATION POWER COST	ACRE			77.22	
IRRIGATION (LUBE-REPAIRS)	ACRE			25.13	
IRRIGATION WATER APPLIED	ACIN	2.843	36.000		
MACHINERY LABOR	HOURL	5.450	0.424	2.31	
IRRIGATION LABOR	HOURL	4.550	4.500	20.48	
INTEREST ON OPERATING CAP.	DOL.	0.119	38.499	4.43	
TOTAL PREHARVEST COSTS:				\$ 151.80	
PREHARVEST COST PER TON				\$ 25.3005	
HARVEST:					
WIRE	TON	3.000	6.000	18.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			7.46	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			12.71	
MACHINERY LABOR	HOURL	5.450	3.317	18.08	
INTEREST ON OPERATING CAP.	DOL.	0.119	7.811	0.93	
TOTAL HARVEST COSTS:				\$ 57.17	
HARVEST COST PER TON				\$ 9.5285	
TOTAL VARIABLE COSTS:				\$ 208.97	
VARIABLE COST PER TON				\$ 34.8289	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER TON				\$ 436.63	
				\$ 72.7711	
4. CASH OVERHEAD:					
REAL PROPERTY TAXES:				15.00	
MISC. OFFICE & BOOKKEEPING (2.50% OF TOTAL VARIABLE COSTS)				5.22	
TOTAL CASH OVERHEAD:				\$ 20.22	
OVERHEAD COST PER TON				3.3707	
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER TON				\$ 416.40	
				\$ 69.4003	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			22.87	
IRRIGATION SYSTEM	ACRE			24.30	
BUILDINGS	ACRE			5.10	
TREES, VINES OR STAND	ACRE			12.50	
TOTAL DEPRECIATION:				\$ 64.77	
CAPITAL & INTEREST:					
MACHINERY&EQUIPMENT		0.119	201.382	23.96	
IRRIGATION SYSTEM		0.119	249.738	29.72	
BUILDINGS		0.119	78.797	9.38	
TREES, VINES OR STAND		0.119	150.000	8.93	
LAND		0.100	1500.000	150.00	
TOTAL INTEREST CHARGE:				\$ 221.99	
TOTAL FIXED COSTS:				\$ 286.76	
FIXED COST PER TON				47.7927	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER TON				\$ 515.95	
				85.9924	
8. NET RETURNS:					
NET RETURNS PER TON				\$ 129.65	
				21.6076	

WHEEL LINE SPRINKLERS
USING GROUND WATER
6 YEAR STAND LIFE

BUDGET IDENTIFICATION NUMBER 2 9450000 222 1
DATE PRINTED: 10/20/79

BUDGET RECORD NUMBER 363
HARVEST MONTH: 9

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	215.20	215.20	0.00	215.20	0.00	0.00	0.00	645.60
OPERATING EXPENSES														
PHOSPHATE	\$/AC	11.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.00
HERBICIDE	\$/AC	5.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.25
AERIAL SPRAYING	\$/AC	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.50
WIRE	\$/AC	0.00	0.00	0.00	0.00	0.00	6.00	6.00	0.00	6.00	0.00	0.00	0.00	18.00
MACHINE LABOR COST	\$/AC	1.72	0.00	0.00	0.00	0.12	6.14	6.14	0.12	6.14	0.00	0.00	0.00	20.39
INTEREST ON OPER. CAP.	\$/AC	1.79	0.00	0.00	0.00	1.06	1.35	0.90	0.26	0.00	0.00	0.00	0.00	5.36
TRACTOR COST	\$/AC	0.90	0.00	0.00	0.00	0.00	2.49	2.49	0.00	2.49	0.00	0.00	0.00	8.35
EQUIPMENT COST	\$/AC	0.53	0.00	0.00	0.00	0.08	4.32	4.32	0.08	4.32	0.00	0.00	0.00	13.64
BLDG OPER. COST	\$/AC	0.11	0.00	0.00	0.00	0.11	0.11	0.11	0.11	0.11	0.00	0.00	0.00	0.65
IRRIGATION COST	\$/AC	0.00	0.00	0.00	0.00	22.74	22.74	22.74	22.74	11.37	0.00	0.00	0.00	102.35
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	0.00	4.55	4.55	4.55	4.55	2.28	0.00	0.00	0.00	20.48
TOTAL EXPENSES	\$/AC	24.79	0.00	0.00	0.00	28.66	47.70	47.25	27.87	32.71	0.00	0.00	0.00	208.97

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	0.32	0.00	0.00	0.00	0.02	1.13	1.13	0.02	1.13	0.00	0.00	0.00	3.74
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	0.50	0.00	0.00	0.00	4.50
IRRIG. WATER APPLIED	ACIN	0.00	0.00	0.00	0.00	8.00	8.00	8.00	8.00	4.00	0.00	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	TOTAL	FUEL	LUBE	REPAIRS	TOTAL	
TRACTOR 40 HP	1	40.0	9500.	20.	600.	0.20	0.30	0.05	0.55	0.49	0.07	0.33	0.90	0.286
TRACTOR 40 HP	2	40.0	9500.	20.	600.	1.16	1.79	0.27	3.21	2.90	0.44	1.92	5.26	1.681
TRACTOR 90 HP	5	90.0	23000.	20.	600.	0.66	1.02	0.15	1.84	0.96	0.14	1.10	2.20	0.398
PICKUP 3/4 T	15	0.8	8500.	6.	750.	0.13	0.08	0.01	0.22	0.26	0.04	0.11	0.41	0.091
SP BALE PICKUP*	19	12.5	32000.	10.	100.	6.41	5.32	0.77	12.50	0.43	0.06	1.98	2.48	0.240
IRR PUMP 75 HP*	22	2.0	11388.	25.	3200.	4.69	8.27	1.28	14.24	77.22	1.16	2.63	81.01	36.000
SWATHER	35	14.0	22300.	15.	90.	9.23	10.01	1.53	20.78	1.11	0.17	4.33	5.60	0.619
FERT. SPREADER	69	12.0	3770.	15.	60.	0.99	1.06	0.16	2.22	0.00	0.01	0.52	0.53	0.260
SIDE DELIV RAKE	124	8.0	2000.	15.	150.	1.23	1.33	0.20	2.76	0.00	0.08	4.24	4.32	1.528
SIDEARROW TOW*	129	1.0	38655.	10.	5000.	19.61	21.45	2.78	43.85	0.00	0.42	20.92	21.34	36.000
BALER 3 WIRE*	140	8.3	6500.	15.	50.	2.85	3.05	0.47	6.37	0.00	0.01	0.30	0.30	0.361
FARM SHOP	1		9000.	35.		1.45	3.68	0.56	5.69	0.56		0.02	0.59	
SHOP TOOLS & EQUIP	4		5250.	15.		1.53	2.54	0.33	4.40	0.00		0.04	0.04	
FUEL TANK 200 GAL	16		150.	30.		0.01	0.09	0.01	0.11	0.00		0.00	0.00	
HAY STORAGE	42		7500.	20.		2.11	3.07	0.47	5.65	0.00		0.02	0.02	
MACHINERY & EQUIPMENT INVESTMENT & COSTS PER ACRE			1181.			52.27	63.06	9.05	124.38	83.94	2.60	38.45	125.00	

TOTAL INVESTMENT 189013.

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