

Alfalfa hay #386

TITLE: ALFALFA HAY PRODUCTION
KERN COUNTY
1979-1980

BY DOUG MUNIER
FARM ADVISOR

AF-VS-79-4

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
ALFALFA HAY RANGE	TON ACRE	95.000 15.000	8.500 1.000	807.50 15.00	
TOTAL RECEIPTS:				\$ 822.50	
2. VARIABLE COSTS:					
PREHARVEST:					
PHOSPHATE	LBS.	0.300	80.000	24.00	
CHEMICAL APPLIC	APLC	2.500	3.000	7.50	
HERBICIDE	ACRE	12.000	3.000	36.00	
IRRIG DIST WATER	ACIN	2.083	72.000	149.98	
IRRIGATION (SYSTEM MAINT.)	ACIN	0.049	72.000	3.51	
IRRIGATION LABOR	HOUR	4.000	7.380	29.52	
INTEREST ON OPERATING CAP.	DGL.	0.119	102.378	11.94	
TOTAL PREHARVEST COSTS:				\$ 262.45	
PREHARVEST COST PER TON				\$ 30.8762	
HARVEST:					
CUSTOM SWATHING	ACRE	8.000	7.000	56.00	
CUSTOM BANKOUT	TON	12.000	8.500	102.00	
CUSTOM BANKOUT	TON	3.000	8.500	25.50	
INTEREST ON OPERATING CAP.	DGL.	0.119	76.500	9.10	
TOTAL HARVEST COSTS:				\$ 192.60	
HARVEST COST PER TON				\$ 22.6592	
TOTAL VARIABLE COSTS:				\$ 455.05	
VARIABLE COST PER TON				\$ 53.5355	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME ABOVE VARIABLE COSTS:				\$ 367.45	
INCOME PER TON				\$ 43.2292	
4. CASH OVERHEAD:					
REAL PROPERTY TAXES:				16.25	
MISC. OFFICE & BOOKKEEPING (4.00% OF TOTAL VARIABLE COSTS)				18.20	
TOTAL CASH OVERHEAD:				\$ 34.45	
OVERHEAD COST PER TON				4.0532	
5. INCOME ABOVE ALL CASH COSTS:					
INCOME ABOVE ALL CASH COSTS:				\$ 333.00	
INCOME PER TON				\$ 39.1761	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			0.00	
IRRIGATION SYSTEM	ACRE			19.35	
TREES, VINES OR STAND	ACRE			58.53	
TOTAL DEPRECIATION:				\$ 77.88	
CAPITAL & INTEREST:					
MACHINERY & EQUIPMENT		0.119	0.000	0.00	
IRRIGATION SYSTEM		0.119	177.968	21.17	
TREES, VINES OR STAND		0.100	175.580	8.78	
LAND		0.100	2500.000	250.00	
TOTAL INTEREST CHARGE:				\$ 279.95	
TOTAL FIXED COSTS:				\$ 357.83	
FIXED COST PER TON				42.0978	
7. TOTAL OF ABOVE COSTS:					
TOTAL OF ABOVE COSTS:				\$ 847.33	
TOTAL COST PER TON				99.6864	
8. RETURNS:					
NET RETURNS:				\$ -24.83	
NET RETURNS PER TON				-2.9217	

BASED ON A 2000 ACRE FARM
FLOOD IRRIGATION
DISTRICT WATER \$25 PER ACRE-FOOT

UPDATED 03/11/80

BUDGET IDENTIFICATION NUMBER 2 91500000 510 1
DATE PRINTED: 03/11/80
1979 default data

BUDGET RECORD NUMBER 386
HARVEST MONTH: 7

IDENTIFICATION NUMBER 2 91500000 510 1
 ALFALFA HAY PRODUCTION
 KERN COUNTY
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HARVEST MONTH 7
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 FARM ADVISOR

BUDGET RECORD NUMBER 386

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	95.00	95.00	142.50	142.50	142.50	95.00	95.00	7.50	7.50	822.50
OPERATING EXPENSES														
PROSPHATE	\$/AC	24.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.00
CHEMICAL APPLIC	\$/AC	2.50	0.00	2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50	0.00	7.50
HERBICIDE	\$/AC	12.00	0.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00	0.00	36.00
IRRIG DIST WATER	\$/AC	0.00	0.00	12.50	12.50	25.00	25.00	25.00	25.00	12.50	12.50	0.00	0.00	149.98
CUSTOM SWATHING	\$/AC	0.00	0.00	0.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00	0.00	0.00	56.00
CUSTOM BANKOUT	\$/AC	0.00	0.00	0.00	12.00	12.00	18.00	18.00	18.00	12.00	12.00	0.00	0.00	102.00
CUSTOM BANKOUT	\$/AC	0.00	0.00	0.00	3.00	3.00	4.50	4.50	4.50	3.00	3.00	0.00	0.00	25.50
INTEREST ON OPER. CAP.	\$/AC	2.23	0.00	1.14	1.12	1.03	0.59	0.00	6.64	3.78	3.39	1.13	0.00	21.04
IRRIGATION COST	\$/AC	0.00	0.00	0.29	0.29	0.59	0.59	0.59	0.59	0.29	0.29	0.00	0.00	3.51
IRRIG LABOR COST	\$/AC	0.00	0.00	2.46	2.46	4.92	4.92	4.92	4.92	2.46	2.46	0.00	0.00	29.52
TOTAL EXPENSES	\$/AC	40.73	0.00	30.89	39.37	54.53	61.59	61.00	67.64	42.03	41.65	15.63	0.00	455.05

MONTHLY IRRIGATION AND LABOR REQUIREMENTS

	HR/AC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
IRRIGATION LABOR	HR/AC	0.00	0.00	0.62	0.62	1.23	1.23	1.23	1.23	0.62	0.62	0.00	0.00	7.38
IRRIG. WATER APPLIED	ACIN	0.00	0.00	6.00	6.00	12.00	12.00	12.00	12.00	6.00	6.00	0.00	0.00	72.00

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	
SURFACE IRR SYS*	128	2.0	38150.	10.	5000.	19.35	21.17	2.75	43.27	0.00	0.07	3.44	3.51	36.000
MACHINERY & EQUIPMENT			382.			19.35	21.17	2.75	43.27	0.00	0.07	3.44	3.51	

INVESTMENT & COSTS PER ACRE

TOTAL INVESTMENT 38150.

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 HARVEST OR SALE MONTH 7

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ALFALFA HAY PRODUCTION
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BY DOUG MUIR
 FARM ADVISOR

COSTS AND RETURNS WILL BE
 DIVIDED BY 8.5 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 RENT	UNIT CODE	ITEM CODE	TYPE	XXXX
	NUMBER OF UNITS																	
1 ALFALFA HAY	0.00	0.00	0.00	1.00	1.00	1.50	1.50	1.50	1.00	1.00	0.00	0.00	75.000	0.000	3.	9.	2.	0.
2 RANGE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50	15.000	0.000	7.	23.	2.	0.

OPERATING INPUTS	RATE/UNIT												PRICE	SHARE RENT	UNIT CODE	ITEM CODE	TYPE	HARV CODE
6 PHOSPHATE	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.300	0.000	12.	214.	3.	0.
7 CHEMICAL APPLIC	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	2.500	0.000	34.	360.	3.	0.
8 HERBICIDE	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	12.000	0.000	7.	250.	3.	0.
11 IRRIG DIST WATER	0.00	0.00	6.00	6.00	12.00	12.00	12.00	12.00	6.00	6.00	0.00	0.00	2.083	0.000	11.	323.	3.	0.
12 CUSTOM SWATHING	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	8.000	0.000	7.	314.	3.	9.
13 CUSTOM BANKOUT	0.00	0.00	0.00	1.00	1.00	1.50	1.50	1.50	1.00	1.00	0.00	0.00	12.000	0.000	3.	309.	3.	9.
14 CUSTOM BANKOUT	0.00	0.00	0.00	1.00	1.00	1.50	1.50	1.50	1.00	1.00	0.00	0.00	3.000	0.000	3.	309.	3.	9.

MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												SHARE FIXED %	SHARE VAR %	POWER UNIT	MACH SYSM CODE	TYPE	HARV CODE
49 ACIN IRRIG WATER	0.00	0.00	6.00	6.00	12.00	12.00	12.00	12.00	6.00	6.00	0.00	0.00	0.00	0.00	0.128.		0.	
50 NO. TIMES IRRIG	0.00	0.00	1.00	1.00	2.00	2.00	2.00	2.00	1.00	1.00	0.00	0.00						

EQUIPMENT REQUIREMENTS	NUMBER UNITS	PROPCRT OF COST	XXX EQUIP CODE	TYPE	XXXX

LAND REQUIREMENTS	CHARGE METHOD	NUMBER OF ACRES	VALUE OR COST/ACRE	TAXES PER ACRE	PERENNIAL CRPS YRS LIFE	COST/ACRE
	1.	100.00	2500.00	16.25	3.0	175.58

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UPDATED 03/11/80

MACHINERY COMPLEMENT 3
 EQUIPMENT COMPLEMENT 1

NO NAME CHANGES HAVE BEEN STORED WITH THIS BUDGET

PARAMETER CHGS-->	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE
1.		0.900000	3.	0.700000	10.	4.350000	11.	4.000000	12.	4.000000	18.	0.615000
28.		0.040000										

1979 default data