

TITLE: COSTS AND RETURNS FOR PERMANENT IRRIGATED PASTURE.  
 MADERA COUNTY - 1977  
 LAND OWNER BASIS

Pasture #311

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
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1. GROSS RECEIPTS FROM PRODUCTION:					
IRRIG PASTURE	AUMS	10.000	10.000	100.00	
TOTAL RECEIPTS:				\$ 100.00	
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2. VARIABLE COSTS:					
PREHARVEST:					
ANHY AMMONIA	LBS.	0.200	100.000	20.00	
MISCL EXPENSE	ACRE	5.000	1.000	5.00	
SEASONAL LABOR	HR	3.500	1.000	3.50	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			1.34	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			2.74	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			2.67	
IRRIGATION POWER COST	ACRE			26.09	
IRRIGATION (LUBE-REPAIRS)	ACRE			2.46	
IRRIGATION WATER APPLIED	ACIN	1.189	24.000		
MACHINERY LABOR	HR	5.100	0.899	4.59	
IRRIGATION LABOR	HR	4.250	10.000	42.50	
INTEREST ON OPERATING CAP.	DOL.	0.086	52.521	4.45	
TOTAL PREHARVEST COSTS:				\$ 115.32	
PREHARVEST COST PER AUMS				\$ 11.53	
HARVEST:					
TOTAL HARVEST COSTS:				\$ 0.00	
HARVEST COST PER AUMS				\$ 0.00	
TOTAL VARIABLE COSTS:				\$ 115.32	
VARIABLE COST PER AUMS				\$ 11.53	
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3. INCOME ABOVE VARIABLE COSTS:				\$ -15.32	
INCOME PER AUMS				\$ -1.53	
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4. CASH OVERHEAD:					
REAL PROPERTY TAXES:				10.00	
MISC. OFFICE & BOOKKEEPING ( 2.50% OF TOTAL VARIABLE COSTS)				2.88	
TOTAL CASH OVERHEAD:				\$ 12.88	
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5. INCOME ABOVE ALL CASH COSTS:				\$ -28.21	
INCOME PER AUMS				\$ -2.62	
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6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			1.22	
IRRIGATION SYSTEM	ACRE			7.55	
BUILDINGS	ACRE			13.60	
TREES, VINES OR STAND	ACRE			7.25	
TOTAL DEPRECIATION:				\$ 29.61	
CAPITAL & INTEREST:					
MACHINERY & EQUIPMENT		0.086	9.964	0.86	
IRRIGATION SYSTEM		0.086	75.571	6.52	
BUILDINGS		0.086	267.376	23.07	
TREES, VINES OR STAND		0.086	72.500	6.26	
LAND		0.083	600.000	49.50	
TOTAL INTEREST CHARGE:				\$ 86.21	
TOTAL FIXED COSTS:				\$ 115.83	
FIXED COST PER AUMS				11.58	
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7. TOTAL OF ABOVE COSTS:				\$ 244.03	
TOTAL COST PER AUMS				24.40	
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8. NET RETURNS:				\$ -144.03	
NET RETURNS PER AUMS				-14.40	

BASED ON 50 ACRES OF BORDER CHECK IRRIGATED PASTURE  
 YIELD OF 10 AUM'S PER ACRE ON CLASS II (SCS) SOILS  
 TYPICAL MANAGEMENT PRACTICES REPRESENTED.

DATE: 02/16/78

BUDGET IDENTIFICATION NUMBER 2222000420 312 1  
 DATE PRINTED: 03/22/79

BUDGET RECORD NUMBER 311  
 HARVEST MONTH: 12

IDENTIFICATION NUMBER 222000420 312 1 HARVEST MONTH 12  
 COSTS AND RETURNS FOR PERMANENT IRRIGATED PASTURE.  
 MADERA COUNTY - 1977  
 LAND OWNER BASIS

BUDGET RECORD NUMBER 311

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	12.00	18.00	21.00	22.00	17.00	10.00	0.00	0.00	100.00
OPERATING EXPENSES														
AMHY AMMONIA	\$/AC	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00
MISCL EXPENSE	\$/AC	0.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	5.00
SEASONAL LABOR	\$/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
MACHINE LABOR COST	\$/AC	0.00	0.00	0.06	3.81	0.11	0.11	0.11	0.11	0.11	0.11	0.06	0.00	4.59
INTEREST ON OPER. CAP.	\$/AC	0.00	0.00	0.02	2.21	0.46	0.39	0.52	0.41	0.31	0.12	0.00	0.00	4.45
TRACTOR COST	\$/AC	0.00	0.00	0.00	1.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.34
EQUIPMENT COST	\$/AC	0.00	0.00	0.03	2.27	0.07	0.07	0.07	0.07	0.07	0.07	0.03	0.00	2.74
BLDG OPER. COST	\$/AC	0.00	0.00	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.00	2.67
IRRIGATION COST	\$/AC	0.00	0.00	0.00	3.57	3.57	3.57	4.76	4.76	4.76	3.57	0.00	0.00	28.55
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	4.25	4.25	4.25	8.50	8.50	8.50	4.25	0.00	0.00	42.50
TOTAL EXPENSES	\$/AC	0.00	0.00	0.41	41.24	9.75	9.69	15.25	15.15	15.04	8.41	0.39	0.00	115.32

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	0.00	0.00	0.01	0.75	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.00	0.90
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	1.00	1.00	1.00	2.00	2.00	2.00	1.00	0.00	0.00	10.00
IRRIG. WATER APPLIED	ACIN	0.00	0.00	0.00	3.00	3.00	3.00	4.00	4.00	4.00	3.00	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	
TRACTOR 30 HP	1	30.0	6900.	12.	1000.	0.28	0.25	0.05	0.58	0.69	0.10	0.55	1.34	0.659
PICKUP 1/2 T	14	0.5	7500.	3.	1350.	0.16	0.05	0.01	0.22	0.34	0.05	0.15	0.54	0.145
IRR PUMP 40 HP*	21	2.0	8000.	25.	3200.	1.10	1.40	0.34	2.84	26.09	0.39	0.89	27.38	12.000
FERT. SPREADER	69	12.0	3770.	15.	100.	0.60	0.46	0.11	1.17	0.00	0.01	0.63	0.65	0.260
MOWER SICKLE	125	7.0	1600.	9.	270.	0.18	0.10	0.02	0.30	0.00	0.03	1.52	1.55	0.338
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.		6.29	11.62	2.75	20.67	2.45		0.10	2.55	
SHOP TOOLS&EQUIP	4		3570.	15.		3.33	4.01	0.80	8.14	0.00		0.10	0.10	
STORAGE SHED	8		7650.	35.		3.93	7.26	1.72	12.92	0.00		0.02	0.02	
FUELTANK 550 GAL	18		136.	30.		0.04	0.19	0.03	0.25	0.00		0.00	0.00	

TOTAL INVESTMENT OR COST	89516.					22.36	30.46	6.87	59.69	29.56	0.61	5.11	35.29	
MACHINERY & EQUIPMENT	1790.													
INVESTMENT PER ACRE														

BASED ON 50 ACRES OF BORDER CHECK IRRIGATED PASTURE  
 YIELD OF 10 AUM'S PER ACRE ON CLASS II (SCS) SOILS  
 TYPICAL MANAGEMENT PRACTICES REPRESENTED.

DATE: 02/16/78

BUDGET IDENTIFICATION NUMBER 2222000420 312 1  
 HARVEST OR SALE MONTH 12

BUDGET RECORD NUMBER 311

COSTS AND RETURNS FOR PERMANENT IRRIGATED PASTURE.  
 MADERA COUNTY - 1977  
 LAND OWNER BASIS

COSTS AND RETURNS WILL BE  
 DIVIDED BY 10.0 AUMS  
 TO OBTAIN PER AUMS COSTS

LINE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PRICE	SHARE	UNIT	ITEM	TYPE	XXXX
PRODUCTION																		
1	0.00	0.00	0.00	0.00	1.20	1.80	2.10	2.20	1.70	1.00	0.00	0.00	10.000	0.000	10.	22.	2.	0.
OPERATING INPUTS																		
RATE/UNIT																		
6	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.200	0.000	12.	210.	3.	0.
8	0.00	0.00	0.00	0.00	0.20	0.20	0.20	0.20	0.20	0.00	0.00	0.00	5.000	0.000	7.	400.	3.	0.
9	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	8.	330.	3.	0.
MACHINERY REQUIREMENTS																		
IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE																		
M CREW POWER MACH TYPE HARV																		
LABOR UNIT CODE CODE																		
26	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	1.	125.	4.	0.
27	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	1.	69.	4.	0.
28	0.00	0.00	0.50	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.50	0.00	0.000	0.000	0.	14.	4.	0.
SHARE SHARE POWER SYSM																		
FIXED % VAR % UNIT CODE LIFT																		
49	0.00	0.00	0.00	3.00	3.00	3.00	4.00	4.00	4.00	3.00	0.00	0.00	0.00	0.00	21.	128.	150.	
50	0.00	0.00	0.00	1.00	1.00	1.00	2.00	2.00	2.00	1.00	0.00	0.00	0.00	0.00				

EQUIPMENT REQUIREMENTS

	NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX
	UNITS	OF COST		CODE		
51 FARM SHOP	1.000	0.340	0.	2.	5.	0.
52 SHOP TOOLS&EQUIP	1.000	0.340	0.	4.	5.	0.
53 STORAGE SHED	1.000	0.340	0.	8.	5.	0.
54 FUELTANK 550 GAL	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
1.	50.00	600.00	10.00	10.0 145.00

BASED ON 50 ACRES OF BORDER CHECK IRRIGATED PASTURE  
 YIELD OF 10 AUM'S PER ACRE ON CLASSII (SCS) SOILS  
 TYPICAL MANAGEMENT PRACTICES REPRESENTED.

MACHINERY COMPLEMENT 3  
 EQUIPMENT COMPLEMENT 1

DATE: 02/16/78

\*\*\*NO NAME CHANGES HAVE BEEN STORED WITH THIS BUDGET\*\*\*

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