

COST & RETURNS SUMMARY FOR IRRIG PASTURE
 COSTS TO ESTABLISH IRRIGATED PASTURE
 MERCED COUNTY 1980
 LAND OWNER BASIS

PA-VN-80-3

Pasture # 396

BY JIM FARLEY &
 LYNN HOREL

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
TOTAL RECEIPTS:				0.00	
2. VARIABLE COSTS:					
PREHARVEST:					
CUSTOM SUBSOIL	ACRE	30.000	1.000	30.00	
CUSTOM DISC	EACH	5.000	2.000	10.00	
CUSTOM LEVELING	ACRE	5.000	1.000	5.00	
ESTABLISH BORDER	ACRE	6.000	1.000	6.00	
FERTILIZER	LBS.	0.250	100.000	25.00	
PAST. SEED MIX	LBS.	1.500	16.000	24.00	
BROADCAST SEED	ACRE	3.500	1.000	3.50	
COVERSEED	ACRE	1.500	1.000	1.50	
IRRIGATION WATER	ACIN	0.417	32.000	13.34	
IRRIGATION (SYSTEM MAINT.)	ACIN	0.059	32.000	1.87	
IRRIGATION LABOR	HR	5.000	2.000	10.00	
INTEREST ON OPERATING CAP.	DOL.	0.14000	73.590	10.06	
TOTAL PREHARVEST COSTS:				140.27	
PREHARVEST COST PER ACRE				140.2716	
HARVEST:					
TOTAL HARVEST COSTS:				0.00	
HARVEST COST PER ACRE				0.0000	
TOTAL VARIABLE COSTS:				140.27	
VARIABLE COST PER ACRE				140.2716	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER ACRE				-140.27	
4. OVERHEAD:					
REAL PROPERTY TAXES:				15.00	
TOTAL OVERHEAD:				15.00	
OVERHEAD COST PER ACRE				15.0000	
TOTAL CASH COSTS:				155.27	
TOTAL CASH COST PER ACRE				155.2716	
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER ACRE				-155.27	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			0.00	
IRRIGATION SYSTEM	ACRE			10.32	
TOTAL DEPRECIATION:				10.32	
CAPITAL & INTEREST:					
MACHINERY & EQUIPMENT		0.14000	0.000	0.00	
IRRIGATION SYSTEM		0.14000	94.884	13.28	
LAND		0.11000	2000.000	220.00	
TOTAL INTEREST CHARGE:				233.28	
TOTAL FIXED COSTS:				243.61	
FIXED COST PER ACRE				243.6061	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER ACRE				398.88	
8. NET RETURNS:					
NET RETURNS PER ACRE				-398.88	

BASED ON 80 ACRE PLANTING
 NO LAND LEVELING EXCEPT FINISH LEVELING IS INCLUDED
 DISTRICT WATER FLOOD IRRIGATION
 DATE PRINTED: 11/23/80 HARVEST MONTH: 6

UPDATED 12/22/79
 BUDGET RECORD NUMBER 396

CASH FLOW & INVESTMENT SUMMARY FOR IRRIG PASTURE
 COSTS TO ESTABLISH IRRIGATED PASTURE
 MERCED COUNTY 1980
 LAND OWNER BASIS

BY JIM FARLEY &
 LYNN HOREL

BUDGET RECORD NUMBER 396

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OPERATING EXPENSES															
CUSTOM SUBSOIL	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00	0.00	0.00	0.00	30.00
CUSTOM DISC	\$/AC	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	10.00
CUSTOM LEVELING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	5.00
ESTABLISH BORDER	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	6.00
FERTILIZER	\$/AC	0.00	6.25	0.00	0.00	6.25	0.00	0.00	0.00	0.00	6.25	0.00	0.00	6.25	25.00
PAST. SEED MIX	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.00	0.00	24.00
BROADCAST SEED	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.50	0.00	3.50
COVERSEED	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	0.00	1.50
IRRIGATION WATER	\$/AC	0.00	3.34	3.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.34	3.34	13.34
INTEREST ON OPER. CAP.	\$/AC	0.00	0.56	0.38	0.00	0.07	0.00	0.00	0.00	0.00	5.40	0.00	2.80	0.85	10.06
IRRIGATION COST	\$/AC	0.00	0.47	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47	0.47	1.87
IRRIG LABOR COST	\$/AC	0.00	2.50	2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50	2.50	10.00
TOTAL EXPENSES	\$/AC	0.00	13.11	11.68	0.00	6.32	0.00	0.00	0.00	0.00	57.65	0.00	38.11	13.40	140.27

		MONTHLY IRRIGATION AND LABOR REQUIREMENTS												
IRRIGATION LABOR	HR/AC	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50	2.00
IRRIG. WATER APPLIED	ACIN	0.00	8.00	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.00	8.00	32.00

		MACHINERY FIXED AND VARIABLE COSTS PER ACRE											
		ANN FIXED COST PER ACRE						VARIABLE COST PER ACRE					
MACHINE	CODE SIZE	PURCHASE PRICE	YEARS OWNED	ANN HOURS USED	DEPR.	INTER.	TAX & INS	TOTAL	FUEL	LUBE	REPAIRS	TOTAL	HRS PER ACRE
SURFACE IRR SYS*	128 2.0	45780.	10.	5000.	10.32	13.28	3.30	26.90	0.00	0.04	1.84	1.87	16.000
MACHINERY & EQUIPMENT INVESTMENT & COSTS PER ACRE		763.			10.32	13.28	3.30	26.90	0.00	0.04	1.84	1.87	
TOTAL INVESTMENT		45780.											

BASED ON 80 ACRE PLANTING
 NO LAND LEVELING EXCEPT FINISH LEVELING IS INCLUDED
 DISTRICT WATER FLOOD IRRIGATION

UPDATED 12/22/79

STORED DATA PAGE (NO CALCULATIONS) FOR IRRIG PASTURE

BUDGET RECORD NUMBER 396

COSTS TO ESTABLISH IRRIGATED PASTURE
 MERCED COUNTY 1980
 LAND OWNER BASIS

BY JIM FARLEY &
 LYNN HOREL

COSTS AND RETURNS WILL BE
 DIVIDED BY 1.0 ACRE
 TO OBTAIN PER ACRE 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
	NUMBER OF UNITS																	
NONE STORED WITH BUDGET																		
OPERATING INPUTS																		
	RATE/UNIT												PRICE	SHARE	UNIT	ITEM	TYPE	HARV
													RENT	CODE	CODE	CODE	CODE	
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	30.000	0.000	7.	285.	3.	0.
7	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	5.000	0.000	23.	281.	3.	0.
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	5.000	0.000	7.	282.	3.	0.
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	6.000	0.000	7.	284.	3.	0.
10	0.00	25.00	0.00	0.00	25.00	0.00	0.00	0.00	25.00	0.00	0.00	25.00	0.250	0.000	12.	201.	3.	0.
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00	0.00	1.500	0.000	12.	121.	3.	0.
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	3.300	0.000	7.	239.	3.	0.
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.500	0.000	7.	262.	3.	0.
14	0.00	8.00	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.00	8.00	0.417	0.000	11.	324.	3.	0.

MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												# CREW	POWER	MACH	TYPE	HARV
													LABOR	UNIT	CODE	CODE	CODE
NONE STORED WITH BUDGET																	
													SHARE	SHARE	POWER <td>SYSM <td></td> </td>	SYSM <td></td>	
													FIXED %	VAR %	UNIT <td>CODE <td>LIFT</td> </td>	CODE <td>LIFT</td>	LIFT
49	0.00	8.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.00	8.00	0.00	0.00	0.	128.	0.
50	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00					

COMPLEMENT REQUIREMENTS	NUMBER												PROPORT	XXX	EQUIP	TYPE	XXXX
	UNITS												OF COST	CODE	CODE	CODE	
NONE STORED WITH BUDGET																	
COLUMNS --->	2	3	4	5	6	7	8										
LAND REQUIREMENTS	CHARGE		NUMBER	VALUE OR	TAXES	PERENNIAL CROPS											
	METHOD		OF ACRES	COST/ACRE	PER ACRE	YRS LIFE	COST/ACRE										
71	1.		60.00	2000.00	15.00	0.0	0.00										
ENTERPRISE 2-22 REGION/COUNTY 24 UNASSIGNED 0000 MACH COMP 1 IRIG SYST 2 UNASSIGNED 0 EQUIP SET 1 HARVEST MONTH 6																	

BASED ON 80 ACRE PLANTING
 NO LAND LEVELING EXCEPT FINISH LEVELING IS INCLUDED
 DISTRICT WATER FLOOD IRRIGATION

UPDATED 12/22/79
 MACHINERY COMPLEMENT 1
 EQUIPMENT COMPLEMENT 1

LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE
GENERAL NAME CHANGE->284	ESTABLISH BORDER 259	BROADCAST SEED	262	COVERSEED
RW CL	VALUE	RW CL	VALUE	RW CL
PARAMETER CHGS-->10.	5.000000 11.	5.000000 12.	5.000000 16.	0.500000 26.
				0.110000

TITLE: COSTS TO PRODUCE IRRIGATED PASTURE
 MERCED COUNTY 1980
 LAND OWNER BASIS

BY JIM FARLEY &
 LYNN HOREL



	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
IRRIG PASTURE	AUMS	10.000	14.000	140.00	
TOTAL RECEIPTS:				\$ 140.00	
2. VARIABLE COSTS:					
PREHARVEST:					
FERTILIZER	LBS.	0.325	200.000	65.00	
IRRIGATION WATER	ACIN	0.417	60.000	25.02	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			1.98	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			1.27	
IRRIGATION (SYSTEM MAINT.)	ACIN	0.049	60.000	2.93	
MACHINERY LABOR	HOUR	5.000	0.615	3.07	
IRRIGATION LABOR	HOUR	5.000	8.000	40.00	
INTEREST ON OPERATING CAP.	DOL.	0.119	54.398	6.34	
TOTAL PREHARVEST COSTS:				\$ 145.62	
PREHARVEST COST PER AUMS				\$ 10.4014	
HARVEST:					
TOTAL HARVEST COSTS:				\$ 0.00	
HARVEST COST PER AUMS				\$ 0.0000	
TOTAL VARIABLE COSTS:				\$ 145.62	
VARIABLE COST PER AUMS				\$ 10.4014	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER AUMS				\$ -5.62	
				\$ -0.4014	
4. CASH OVERHEAD:					
REAL PROPERTY TAXES:				20.00	
MISC. OFFICE & BOOKKEEPING (8.00% OF TOTAL VARIABLE COSTS)				11.65	
TOTAL CASH OVERHEAD:				\$ 31.65	
OVERHEAD COST PER AUMS				2.2607	
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER AUMS				\$ -37.27	
				\$ -2.6621	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			1.72	
IRRIGATION SYSTEM	ACRE			16.13	
TREES, VINES OR STAND	ACRE			14.40	
TOTAL DEPRECIATION:				\$ 32.25	
CAPITAL & INTEREST:					
MACHINERY & EQUIPMENT		0.119	20.174	2.40	
IRRIGATION SYSTEM		0.119	148.257	17.64	
TREES, VINES OR STAND		0.110	288.000	15.84	
LAND		0.110	2000.000	220.00	
TOTAL INTEREST CHARGE:				\$ 255.88	
TOTAL FIXED COSTS:				\$ 288.13	
FIXED COST PER AUMS				20.5808	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER AUMS				\$ 465.40	
				33.2430	
8. NET RETURNS:					
NET RETURNS PER AUMS				\$ -325.40	
				-23.2430	

BASED ON 80 ACRE PLANTING
 WITH 14 AUM'S PRODUCED. NO LEVELING EXCEPT FINISH LEVELING IS INCLUDED
 DISTRICT WATER FLOOD IRRIGATION UPDATED 01/17/80

BUDGET IDENTIFICATION NUMBER 2222400000 120 1
 DATE PRINTED: 01/17/80

BUDGET RECORD NUMBER 397
 HARVEST MONTH: 8

1979 default data

UC Cooperative Extension

BUDGET IDENTIFICATION NUMBER 222240000 120 1
 HARVEST OR SALE MONTH 8

BUDGET RECORD NUMBER 397

COSTS TO PRODUCE IRRIGATED PASTURE
 MERCED COUNTY 1980
 LAND OWNER BASIS

BY JIM FARLEY &
 LYNN HOREL

COSTS AND RETURNS WILL BE
 DIVIDED BY 14.0 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
PRODUCTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PRICE	SHARE	UNIT	ITER	TYPE	XXXX
1 IRRIG PASTURE	0.00	0.00	0.00	0.00	2.33	2.33	2.34	2.34	2.33	2.33	0.00	0.00	10.000	0.000	10.	22.	2.	0.
OPERATING INPUTS																		
	RATE/UNIT												PRICE	SHARE	UNIT	ITER	TYPE	HARV
														RENT	CODE	CODE		CODE
6 FERTILIZER	0.00	50.00	0.00	0.00	50.00	0.00	0.00	0.00	50.00	0.00	0.00	50.00	0.325	0.000	12.	201.	3.	0.
7 IRRIGATION WATER	0.00	0.00	0.00	7.50	7.50	7.50	15.00	15.00	7.50	0.00	0.00	0.00	0.417	0.000	11.	324.	3.	0.
MACHINERY REQUIREMENTS																		
IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE													M CREW	POWER	MACH	TYPE	HARV	
													LABOR	UNIT	CODE		CODE	
26 MOWER SICKLE	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	125.	4.	0.
27 DRAG	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	88.	4.	0.
													SHARE	SHARE	POWER	SYSA		
													FIXED %	VAR %	UNIT	CODE	LIFT	
49 ACIN IRRIG WATER	0.00	0.00	0.00	7.50	7.50	7.50	15.00	15.00	7.50	0.00	0.00	0.00	0.00	0.00	0.	128.	0.	
50 NO. TIMES IRRIG	0.00	0.00	0.00	1.00	1.00	1.00	2.00	2.00	1.00	0.00	0.00	0.00						

EQUIPMENT REQUIREMENTS

NUMBER UNITS PROPOROT OF COST XXX EQUIP TTYPE XXXX
 CODE

LAND REQUIREMENTS

CHARGE METHOD
 1.

NUMBER OF ACRES
 80.00

VALUE OR COST/ACRE
 2000.00

TAXES PER ACRE
 20.00

PERENNIAL CROPS YRS LIFE COST/ACRE
 10.0 288.00

71

BASED ON 80 ACRE PLANTING
 WITH 14 AUM'S PRODUCED. NO LEVELING EXCEPT FINISH LEVELING IS INCLUDED
 DISTRICT WATER FLOOD IRRIGATION

MACHINERY COMPLEMENT 1
 EQUIPMENT COMPLEMENT 1

UPDATED 01/17/80

MACHINRY NAME CHANGE->	LINE CHANGE	VALUE	RW CL	LINE CHANGE	VALUE	RW CL	LINE CHANGE	VALUE	RW CL	LINE CHANGE	VALUE	RW CL	LINE CHANGE	VALUE	RW CL
88 DRAG		5.000000	11.		5.000000	12.		5.000000	18.		1.000000	26.		0.11000028.	
PARAMETER CHGS-->	10.														0.080000

1979 default data

IDENTIFICATION NUMBER 2222400000 120 1
 COSTS TO PRODUCE IRRIGATED PASTURE
 MERCED COUNTY 1980
 LAND OWNER BASIS

HARVEST MONTH 8
 BY JIM FARLEY &
 LYNN HOREL

BUDGET RECORD NUMBER 397

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	23.30	23.30	23.40	23.40	23.30	23.30	0.00	0.00	140.00
OPERATING EXPENSES														
FERTILIZER	\$/AC	0.00	16.25	0.00	0.00	16.25	0.00	0.00	0.00	16.25	0.00	0.00	16.25	65.00
IRRIGATION WATER	\$/AC	0.00	0.00	0.00	3.13	3.13	3.13	6.26	6.26	3.13	0.00	0.00	0.00	25.00
MACHINE LABOR COST	\$/AC	0.00	0.00	0.00	0.00	0.00	2.05	1.03	0.00	0.00	0.00	0.00	0.00	3.07
INTEREST ON OPER. CAP.	\$/AC	0.00	0.94	0.00	0.32	0.71	0.25	0.18	0.00	2.69	0.00	0.00	1.26	6.34
TRACTOR COST	\$/AC	0.00	0.00	0.00	0.00	0.00	1.32	0.66	0.00	0.00	0.00	0.00	0.00	1.98
EQUIP. COST	\$/AC	0.00	0.00	0.00	0.00	0.00	1.23	0.04	0.00	0.00	0.00	0.00	0.00	1.27
IRRIGATION COST	\$/AC	0.00	0.00	0.00	0.37	0.37	0.37	0.73	0.73	0.37	0.00	0.00	0.00	2.93
IRRIGATION COST	\$/AC	0.00	0.00	0.00	5.00	5.00	5.00	10.00	10.00	5.00	0.00	0.00	0.00	40.00
TOTAL EXPENSES	\$/AC	0.00	17.19	0.00	8.82	25.45	13.34	18.89	16.99	27.43	0.00	0.00	17.51	145.62

MACHINE LABOR	HR/AC	MONTHLY IRRIGATION AND LABOR REQUIREMENTS												TOTAL
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MACHINE LABOR	HR/AC	0.00	0.00	0.00	0.00	0.00	0.41	0.21	0.00	0.00	0.00	0.00	0.00	0.62
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	1.00	1.00	1.00	2.00	2.00	1.00	0.00	0.00	0.00	8.00
IRRIGATION WATER APPLIED	ACIN	0.00	0.00	0.00	7.50	7.50	7.50	15.00	15.00	7.50	0.00	0.00	0.00	60.00

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 75 HP	4	75.0	14500.	20.	300.	1.18	1.81	0.27	3.26	1.12	0.17	0.69	1.98	0.559
DRAG	88	12.0	1050.	15.	100.	0.11	0.12	0.02	0.24	0.00	0.00	0.04	0.04	0.170
POWER SICKLE	125	7.0	1600.	15.	75.	0.44	0.47	0.07	0.98	0.00	0.02	1.21	1.23	0.338
SURFACE IRR SYS*	128	2.0	38150.	10.	5000.	16.13	17.64	2.29	36.06	0.00	0.06	2.87	2.93	30.000

MACHINERY & EQUIPMENT INVESTMENT & COSTS PER ACRE 691. 17.85 20.04 2.65 40.54 1.12 0.25 4.81 6.18

TOTAL INVESTMENT 55300.

BASED ON 80 ACRE PLANTING WITH 14 ACR'S PRODUCED. NO LEVELING EXCEPT FINISH LEVELING IS INCLUDED
 DISTRICT WATER FLOOD IRRIGATION UPDATED 01/17/80

**COSTS TO PRODUCE IRRIGATED PASTURE
MERCED COUNTY 1980
LAND OWNER BASIS**

**BY JIM FARLEY &
LYNN HOREL**

OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., REP. PER ACRE	FIXED COSTS PER ACRE
MOWER SICKLE	4,125	JUNE	1.00	0.409	0.338	2.55	3.15
DRAG	4, 88	JULY	1.00	0.205	0.170	0.20	1.33
TOTALS				0.615	0.508	3.26	4.48

BASED ON 80 ACRE PLANTING
WITH 14 AUM'S PRODUCED. NO LEVELING EXCEPT FINISH LEVELING IS INCLUDED
DISTRICT WATER FLOOD IRRIGATION
UPDATED 01/17/80

BUDGET IDENTIFICATION NUMBER— 2222400000 120 1
ANNUAL CAPITAL MONTH 8 BUDGET RECORD NUMBER 397

FUEL USE SUMMARY FOR BUDGET NUMBER 2222400000 120 1

**COSTS TO PRODUCE IRRIGATED PASTURE
MERCED COUNTY 1980
LAND OWNER BASIS**

**BY JIM FARLEY &
LYNN HOREL**

FUEL USED IN GALLONS PER HOUR

TRACTOR 75 HP 3.600

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

MACHINE	GALLONS	POWER UNIT
MOWER SICKLE	1.340	TRACTOR 75 HP
DRAG	0.672	TRACTOR 75 HP

FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FUEL TYPE
MOWER SICKLE	0.000	0.000	0.000	0.000	0.000	1.340	0.000	0.000	0.000	0.000	0.000	0.000	1.340	3
DRAG	0.000	0.000	0.000	0.000	0.000	0.000	0.672	0.000	0.000	0.000	0.000	0.000	0.672	3
TOTALS	0.000	0.000	0.000	0.000	0.000	1.340	0.672	0.000	0.000	0.000	0.000	0.000	2.012	

GALLONS FUEL BY TYPE
0.00 GAS
0.00 LP
2.01 DIESEL

FUEL TYPES
1=GAS
2=L.P.
3=DIESEL

INCOME ABOVE VARIABLE COSTS

		RANGES FROM		9.00 TO	11.00	
		RANGES FROM		11.00 TO	17.00	
WHEN THE PRICE OF IRRIG PASTURE AND THE QUANTITY OF IRRIG PASTURE		PRICE OF IRRIG PASTURE				
		9.00	9.50	10.00	10.50	11.00
*****		*****				
QUANTITY OF IRRIG PASTU	11.00	-46.62	-41.12	-35.62	-30.12	-24.62
	12.50	-33.12	-26.87	-20.62	-14.37	-8.12
	14.00	-19.62	-12.62	-5.62	1.38	8.38
	15.50	-6.12	1.63	9.38	17.13	24.88
	17.00	7.38	15.88	24.38	32.88	41.38

INCOME ABOVE ALL CASH COSTS

		RANGES FROM		9.00 TO	11.00	
		RANGES FROM		11.00 TO	17.00	
WHEN THE PRICE OF IRRIG PASTURE AND THE QUANTITY OF IRRIG PASTURE		PRICE OF IRRIG PASTURE				
		9.00	9.50	10.00	10.50	11.00
*****		*****				
QUANTITY OF IRRIG PASTU	11.00	-78.27	-72.77	-67.27	-61.77	-56.27
	12.50	-64.77	-58.52	-52.27	-46.02	-39.77
	14.00	-51.27	-44.27	-37.27	-30.27	-23.27
	15.50	-37.77	-30.02	-22.27	-14.52	-6.77
	17.00	-24.27	-15.77	-7.27	1.23	9.73

INCOME ABOVE ALL COSTS

		RANGES FROM		9.00 TO	11.00	
		RANGES FROM		11.00 TO	17.00	
WHEN THE PRICE OF IRRIG PASTURE AND THE QUANTITY OF IRRIG PASTURE		PRICE OF IRRIG PASTURE				
		9.00	9.50	10.00	10.50	11.00
*****		*****				
QUANTITY OF IRRIG PASTU	11.00	-366.40	-360.90	-355.40	-349.90	-344.40
	12.50	-352.90	-346.65	-340.40	-334.15	-327.90
	14.00	-339.40	-332.40	-325.40	-318.40	-311.40
	15.50	-325.90	-318.15	-310.40	-302.65	-294.90
	17.00	-312.40	-303.90	-295.40	-286.90	-278.40

BASED ON 80 ACRE PLANTING

WITH 14 AUM'S PRODUCED. NO LEVELING EXCEPT FINISH LEVELING IS INCLUDED

DISTRICT WATER FLOOD IRRIGATION

UPDATED 01/17/80