

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
<b>1. GROSS RECEIPTS FROM PRODUCTION:</b>					
ALFALFA HAY	TON	65.000	8.300	532.50	
<b>TOTAL RECEIPTS:</b>				<b>\$ 532.50</b>	
<b>2. VARIABLE COSTS:</b>					
<b>PREHARVEST:</b>					
PHOSPHATE	LBS.	0.220	100.000	22.00	
CHEMICAL APPLIC	ACRE	2.000	1.000	2.00	
HERBICIDE	ACRE	15.000	1.000	15.00	
INSECTICIDE	ACRE	15.000	1.000	15.00	
MISCL EXPENSE	ACRE	13.250	0.990	13.12	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			1.33	
IRRIGATION POWER COST	ACRE			156.38	
IRRIGATION (LUBE-REPAIRS)	ACRE			8.90	
IRRIGATION WATER APPLIED	ACIN	2.296	72.000		
IRRIGATION LABOR	HOUR	4.250	13.000	55.25	
INTEREST ON OPERATING CAP.	DOL.	0.086	74.503	6.26	
<b>TOTAL PREHARVEST COSTS:</b>				<b>\$ 295.24</b>	
<b>PREHARVEST COST PER TON</b>				<b>\$ 34.73</b>	
<b>HARVEST:</b>					
CUSTOM SWATHING	ACRE	5.000	7.000	35.00	
CUSTOM WINROW	ACRE	1.000	7.000	7.00	
CUSTOM WINROW	TON	11.000	7.000	77.00	
CUSTOM BANKOUT	TON	3.000	7.000	21.00	
INTEREST ON OPERATING CAP.	DOL.	0.086	28.333	2.45	
<b>TOTAL HARVEST COSTS:</b>				<b>\$ 142.45</b>	
<b>HARVEST COST PER TON</b>				<b>\$ 16.76</b>	
<b>TOTAL VARIABLE COSTS:</b>				<b>\$ 437.68</b>	
<b>VARIABLE COST PER TON</b>				<b>\$ 51.49</b>	
<b>3. INCOME ABOVE VARIABLE COSTS:</b>					
<b>INCOME PER TON</b>				<b>\$ 114.82</b>	
				<b>\$ 13.51</b>	
<b>4. CASH OVERHEAD:</b>					
REAL PROPERTY TAXES:				20.00	
MISC. OFFICE & BOOKKEEPING ( 2.50% OF TOTAL VARIABLE COSTS)				10.94	
<b>TOTAL CASH OVERHEAD:</b>				<b>\$ 30.94</b>	
<b>5. INCOME ABOVE ALL CASH COSTS:</b>					
<b>INCOME PER TON</b>				<b>\$ 83.87</b>	
				<b>\$ 9.87</b>	
<b>6. OWNERSHIP COSTS:</b>					
<b>DEPRECIATION:</b>					
MACHINERY & EQUIPMENT	ACRE			0.00	
IRRIGATION SYSTEM	ACRE			34.79	
BUILDINGS	ACRE			6.80	
TREES, VINES OR STAND	ACRE			25.36	
<b>TOTAL DEPRECIATION:</b>				<b>\$ 66.94</b>	
<b>CAPITAL &amp; INTEREST:</b>					
MACHINERY&EQUIPMENT		0.086	0.000	0.00	
IRRIGATION SYSTEM		0.086	406.440	35.08	
BUILDINGS		0.086	133.688	11.54	
TREES, VINES OR STAND		0.086	101.435	8.75	
LAND		0.083	1100.000	90.75	
<b>TOTAL INTEREST CHARGE:</b>				<b>\$ 146.12</b>	
<b>TOTAL FIXED COSTS:</b>				<b>\$ 213.06</b>	
<b>FIXED COST PER TON</b>				<b>25.07</b>	
<b>7. TOTAL OF ABOVE COSTS:</b>					
<b>TOTAL COST PER TON</b>				<b>\$ 681.69</b>	
				<b>80.20</b>	
<b>8. NET RETURNS:</b>					
<b>NET RETURNS PER TON</b>				<b>\$ -129.19</b>	
				<b>-15.20</b>	

FLOOD IRRIGATION CUSTOM BASIS  
 100 ACRE CROP  
 4 YEAR STAND LIFE

06/30/78

IDENTIFICATION NUMBER 2 92400920 312 1  
 COSTS FOR PRODUCING ALFALFA HAY  
 IN MERCED COUNTY  
 YIELD OF 8.5 TON/ACRE

HARVEST MONTH 9

BUDGET RECORD NUMBER 372

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	78.65	78.65	79.30	157.30	79.30	79.30	0.00	0.00	0.00	552.50
OPERATING EXPENSES														
PHOSPHATE	\$/AC	0.00	0.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.00
CHEMICAL APPLIC	\$/AC	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00
HERBICIDE	\$/AC	0.00	0.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00
INSECTICIDE	\$/AC	0.00	0.00	0.00	0.00	3.00	0.00	6.00	6.00	0.00	0.00	0.00	0.00	15.00
MISCL EXPENSE	\$/AC	0.00	0.00	0.00	1.86	1.86	1.86	3.84	1.86	1.86	0.00	0.00	0.00	13.12
CUSTOM SWATHING	\$/AC	0.00	0.00	0.00	5.00	5.00	5.00	10.00	5.00	5.00	0.00	0.00	0.00	35.00
CUSTOM WINROW	\$/AC	0.00	0.00	0.00	1.00	1.00	1.00	2.00	1.00	1.00	0.00	0.00	0.00	7.00
CUSTOM WINROW	\$/AC	0.00	0.00	0.00	11.00	11.00	11.00	22.00	11.00	11.00	0.00	0.00	0.00	77.00
CUSTOM BANKOUT	\$/AC	0.00	0.00	0.00	3.00	3.00	3.00	6.00	3.00	3.00	0.00	0.00	0.00	21.00
INTEREST ON OPER. CAP.	\$/AC	0.00	0.00	1.67	2.51	1.41	1.23	1.41	0.45	0.00	0.00	0.00	0.00	8.70
BLDG OPER. COST	\$/AC	0.00	0.00	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.00	0.00	0.00	1.33
IRRIGATION COST	\$/AC	0.00	0.00	18.36	18.36	18.36	27.55	36.73	27.55	18.36	0.00	0.00	0.00	165.28
IRRIG LABOR COST	\$/AC	0.00	0.00	6.38	6.38	6.38	8.50	12.75	8.50	6.38	0.00	0.00	0.00	55.25
TOTAL EXPENSES	\$/AC	0.00	0.00	41.62	73.29	51.20	59.32	100.92	64.55	46.79	0.00	0.00	0.00	437.68

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
IRRIGATION LABOR	HR/AC	0.00	0.00	1.50	1.50	1.50	2.00	3.00	2.00	1.50	0.00	0.00	0.00	13.00
IRRIG. WATER APPLIED	ACIN	0.00	0.00	8.00	8.00	8.00	12.00	16.00	12.00	8.00	0.00	0.00	0.00	72.00

MACHINERY FIXED AND VARIABLE COSTS PER ACRE

MACHINE	CODE	SIZE	PURCHASE PRICE	YEARS OWNED	ANNUAL HOURS USED	FIXED COST PER ACRE			VARIABLE COST PER ACRE				HRS PER ACRE	
						DEPR.	INTER.	TAX & INS	TOTAL	FUEL	LUBE	REPAIRS		TOTAL
IRR PUMP 200 HP*	24	4.0	18730.	25.	1600.	15.43	19.72	4.74	39.89	156.38	2.35	3.04	161.77	36.000
SURFACE IRR SYS*	128	2.0	38150.	10.	5000.	19.35	15.35	3.09	37.80	0.00	0.07	3.44	3.51	36.000
FARM SHOP	2		12240.	35.		3.15	5.81	1.38	10.33	1.22		0.05	1.28	
SHOP TOOLS&EQUIP	4		3570.	15.		1.67	2.00	0.40	4.07	0.00		0.05	0.05	
STORAGE SHED	8		7650.	35.		1.97	3.63	0.86	6.46	0.00		0.01	0.01	
FUELTANK 550 GAL	18		136.	30.		0.02	0.09	0.02	0.13	0.00		0.00	0.00	

TOTAL INVESTMENT OR COST 80476.  
 MACHINERY & EQUIPMENT 805.  
 INVESTMENT PER ACRE 41.58 46.61 10.49 98.68 157.60 2.41 6.60 166.61

FLOOD IRRIGATION CUSTOM BASIS  
 100 ACRE CROP  
 4 YEAR STAND LIFE

06/30/78

IDENTIFICATION NUMBER 2 92400920 312 1  
 COSTS FOR PRODUCING ALFALFA HAY  
 IN MERCED COUNTY  
 YIELD OF 8.5 TON/ACRE

HARVEST MONTH 9

BUDGET RECORD NUMBER 372

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	78.65	78.65	79.30	157.30	79.30	79.30	0.00	0.00	0.00	552.50
OPERATING EXPENSES														
PHOSPHATE	\$/AC	0.00	0.00	0.00	22.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.00
CHEMICAL APPLIC	\$/AC	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00
HERBICIDE	\$/AC	0.00	0.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00
INSECTICIDE	\$/AC	0.00	0.00	0.00	0.00	3.00	0.00	6.00	6.00	0.00	0.00	0.00	0.00	15.00
MISCL EXPENSE	\$/AC	0.00	0.00	0.00	1.86	1.86	1.86	3.84	1.86	1.86	0.00	0.00	0.00	13.12
CUSTOM SWATHING	\$/AC	0.00	0.00	0.00	5.00	5.00	5.00	10.00	5.00	5.00	0.00	0.00	0.00	35.00
CUSTOM WINROW	\$/AC	0.00	0.00	0.00	1.00	1.00	1.00	2.00	1.00	1.00	0.00	0.00	0.00	7.00
CUSTOM WINROW	\$/AC	0.00	0.00	0.00	11.00	11.00	11.00	22.00	11.00	11.00	0.00	0.00	0.00	77.00
CUSTOM BANKOUT	\$/AC	0.00	0.00	0.00	3.00	3.00	3.00	6.00	3.00	3.00	0.00	0.00	0.00	21.00
INTEREST ON OPER. CAP.	\$/AC	0.00	0.00	1.69	2.51	1.41	1.23	1.41	0.45	0.00	0.00	0.00	0.00	8.70
BLDG OPER. COST	\$/AC	0.00	0.00	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.00	0.00	0.00	1.33
IRRIGATION COST	\$/AC	0.00	0.00	18.36	18.36	18.36	27.55	36.73	27.55	18.36	0.00	0.00	0.00	165.28
IRRIG LABOR COST	\$/AC	0.00	0.00	6.38	6.38	6.38	8.50	12.75	8.50	6.38	0.00	0.00	0.00	55.25
TOTAL EXPENSES	\$/AC	0.00	0.00	41.62	73.29	51.20	59.32	100.92	64.55	46.79	0.00	0.00	0.00	437.68

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
IRRIGATION LABOR	HR/AC	0.00	0.00	1.50	1.50	1.50	2.00	3.00	2.00	1.50	0.00	0.00	0.00	13.00
IRRIG. WATER APPLIED	ACIN	0.00	0.00	8.00	8.00	8.00	12.00	16.00	12.00	8.00	0.00	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	
IRR PUMP 200 HP*	24	4.0	18730.	25.	1600.	15.43	19.72	4.74	39.89	156.38	2.35	3.04	161.77	36.000
SURFACE IRR SYS*	128	2.0	38150.	10.	5000.	19.35	15.35	3.09	37.80	0.00	0.07	3.44	3.51	36.000
FARM SHOP	2		12240.	35.		3.15	5.81	1.38	10.33	1.22		0.05	1.28	
SHOP TOOLS&EQUIP	4		3570.	15.		1.67	2.00	0.40	4.07	0.00		0.05	0.05	
STORAGE SHED	8		7650.	35.		1.97	3.63	0.86	6.46	0.00		0.01	0.01	
FUELTANK 550 GAL	18		136.	30.		0.02	0.09	0.02	0.13	0.00		0.00	0.00	

TOTAL INVESTMENT OR COST 80476.  
 MACHINERY & EQUIPMENT 805.  
 INVESTMENT PER ACRE

41.58 46.61 10.49 98.68 157.60 2.41 6.60 166.61

FLOOD IRRIGATION CUSTOM BASIS  
 100 ACRE CROP  
 4 YEAR STAND LIFE

UC Cooperative Extension

06/30/78

BUDGET IDENTIFICATION NUMBER 2 92400920 312 1  
 HARVEST OR SALE MONTH 9

BUDGET RECORD NUMBER 372

COSTS FOR PRODUCING ALFALFA HAY  
 IN MERCED COUNTY  
 YIELD OF 8.5 TON/ACRE

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	UNIT	ITEM	TYPE	XXXX
	NUMBER OF UNITS																	
1 ALFALFA HAY	0.00	0.00	0.00	1.21	1.21	1.22	2.42	1.22	1.22	0.00	0.00	0.00	45.000	0.000	3.	9.	2.	0.
OPERATING INPUTS	RATE/UNIT												PRICE	SHARE	UNIT	ITEM	TYPE	HARV
														RENT	CODE	CODE	CODE	CODE
6 PHOSPHATE	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.220	0.000	12.	214.	3.	0.
7 CHEMICAL APPLIC	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.000	0.000	7.	360.	3.	0.
8 HERBICIDE	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.000	0.000	7.	250.	3.	0.
9 INSECTICIDE	0.00	0.00	0.00	0.00	0.20	0.00	0.40	0.40	0.00	0.00	0.00	0.00	15.000	0.000	7.	240.	3.	0.
10 MISCL EXPENSE	0.00	0.00	0.00	0.14	0.14	0.14	0.29	0.14	0.14	0.00	0.00	0.00	13.250	0.000	7.	400.	3.	0.
11 CUSTOM SWATHING	0.00	0.00	0.00	1.00	1.00	1.00	2.00	1.00	1.00	0.00	0.00	0.00	5.000	0.000	7.	314.	3.	9.
12 CUSTOM WINROW	0.00	0.00	0.00	1.00	1.00	1.00	2.00	1.00	1.00	0.00	0.00	0.00	1.000	0.000	7.	307.	3.	9.
13 CUSTOM WINROW	0.00	0.00	0.00	1.00	1.00	1.00	2.00	1.00	1.00	0.00	0.00	0.00	11.000	0.000	3.	307.	3.	9.
14 CUSTOM BANKOUT	0.00	0.00	0.00	1.00	1.00	1.00	2.00	1.00	1.00	0.00	0.00	0.00	3.000	0.000	3.	309.	3.	9.

MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												SHARE	SHARE	POWER	SYSH	TYPE	HARV
													FIXED %	VAR %	UNIT	CODE	LIFT	CODE
49 ACIN IRRIG WATER	0.00	0.00	8.00	8.00	8.00	12.00	16.00	12.00	8.00	0.00	0.00	0.00	0.00	0.00	24.	128.	175.	
50 NO. TIMES IRRIG	0.00	0.00	1.50	1.50	1.50	2.00	3.00	2.00	1.50	0.00	0.00	0.00	0.00	0.00				

EQUIPMENT REQUIREMENTS	NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX
	UNITS	OF COST	CODE	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
71	1.	100.00	1100.00	20.00	4.0 202.87

FLOOD IRRIGATION CUSTOM BASIS  
 100 ACRE CROP  
 4 YEAR STAND LIFE

MACHINERY COMPLEMENT 3  
 EQUIPMENT COMPLEMENT 1

06/30/78

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

UC Cooperative Extension

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