

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
<b>1. GROSS RECEIPTS FROM PRODUCTION:</b>					
ALFALFA HAY	TON	66.000	7.000	462.00	
<b>TOTAL RECEIPTS:</b>				\$	462.00
<b>2. VARIABLE COSTS:</b>					
<b>PREHARVEST:</b>					
INSECTICIDE	ACRE	9.850	2.500	24.63	
CUSTOM AIR PEST	ACRE	2.500	4.000	10.00	
DINITRO	ACRE	21.700	1.000	21.70	
CUSTOM GND APP	ACRE	3.750	1.000	3.75	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			0.27	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			0.55	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			0.15	
IRRIGATION POWER COST	ACRE			31.83	
IRRIGATION (LUBE-REPAIRS)	ACRE			4.79	
IRRIGATION WATER APPLIED	ACIN	0.746	48.000		
MACHINERY LABOR	HOUR	5.100	0.214	1.10	
IRRIGATION LABOR	HOUR	4.250	13.000	55.25	
INTEREST ON OPERATING CAP.	DOL.	0.086	56.488	4.79	
<b>TOTAL PREHARVEST COSTS:</b>				\$	158.01
<b>PREHARVEST COST PER TON</b>				\$	22.57
<b>HARVEST:</b>					
WIRE	ACRE	19.600	1.000	19.60	
MISCL EXPENSE	ACRE	5.130	1.000	5.13	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			4.76	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			35.76	
MACHINERY LABOR	HOUR	5.100	5.359	27.33	
INTEREST ON OPERATING CAP.	DOL.	0.086	19.288	1.66	
<b>TOTAL HARVEST COSTS:</b>				\$	94.25
<b>HARVEST COST PER TON</b>				\$	13.46
<b>TOTAL VARIABLE COSTS:</b>				\$	252.26
<b>VARIABLE COST PER TON</b>				\$	36.04
<b>3. INCOME ABOVE VARIABLE COSTS:</b>					
<b>INCOME PER TON</b>				\$	209.74
<b>4. CASH OVERHEAD:</b>					
<b>REAL PROPERTY TAXES:</b>					22.00
<b>MISC. OFFICE &amp; BOOKKEEPING ( 2.50% OF TOTAL VARIABLE COSTS)</b>					6.31
<b>TOTAL CASH OVERHEAD:</b>				\$	28.31
<b>5. INCOME ABOVE ALL CASH COSTS:</b>					
<b>INCOME PER TON</b>				\$	181.43
<b>6. OWNERSHIP COSTS:</b>					
<b>DEPRECIATION:</b>					
MACHINERY & EQUIPMENT	ACRE			20.39	
IRRIGATION SYSTEM	ACRE			16.03	
BUILDINGS	ACRE			0.53	
TREES, VINES OR STAND	ACRE			21.37	
<b>TOTAL DEPRECIATION:</b>				\$	58.31
<b>CAPITAL &amp; INTEREST:</b>					
MACHINERY&EQUIPMENT		0.086	83.820	7.23	
IRRIGATION SYSTEM		0.086	164.922	14.23	
BUILDINGS		0.086	9.984	0.86	
TREES, VINES OR STAND		0.086	85.460	7.38	
LAND		0.083	1200.000	99.00	
<b>TOTAL INTEREST CHARGE:</b>				\$	128.70
<b>TOTAL FIXED COSTS:</b>				\$	187.02
<b>FIXED COST PER TON</b>				\$	26.72
<b>7. TOTAL OF ABOVE COSTS:</b>					
<b>TOTAL COST PER TON</b>				\$	467.58
<b>8. NET RETURNS:</b>					
<b>NET RETURNS PER TON</b>				\$	-5.58
					-0.80

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	76.56	77.22	77.22	77.22	77.22	76.56	0.00	0.00	0.00	462.00
OPERATING EXPENSES														
INSECTICIDE	\$/AC	0.00	0.00	9.85	0.00	9.85	0.00	0.00	4.92	0.00	0.00	0.00	0.00	24.63
CUSTOM AIR PEST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	5.00	5.00	0.00	0.00	0.00	0.00	10.00
DINITRO	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.70	21.70
CUSTOM GND APP	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.75	3.75
WIRE	\$/AC	0.00	0.00	0.00	3.14	3.33	3.33	3.33	3.33	3.14	0.00	0.00	0.00	19.60
MISCL EXPENSE	\$/AC	0.00	0.00	0.00	0.00	0.00	2.57	2.57	0.00	0.00	0.00	0.00	0.00	5.13
MACHINE LABOR COST	\$/AC	0.00	0.00	0.00	4.92	4.68	4.68	4.68	4.68	4.67	0.12	0.00	0.00	28.43
INTEREST ON OPER. CAP.	\$/AC	0.00	0.00	0.79	0.85	1.07	0.65	0.50	0.27	0.00	0.70	0.00	1.63	6.45
TRACTOR COST	\$/AC	0.00	0.00	0.00	1.06	0.79	0.79	0.79	0.79	0.79	0.00	0.00	0.00	5.03
EQUIPMENT COST	\$/AC	0.00	0.00	0.00	6.05	6.04	6.04	6.04	6.04	6.02	0.08	0.00	0.00	36.32
BLDG OPER. COST	\$/AC	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.15
IRRIGATION COST	\$/AC	0.00	0.00	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48	0.00	0.00	35.83
IRRIG LABOR COST	\$/AC	0.00	0.00	4.25	4.25	8.50	8.50	8.50	8.50	8.50	4.25	0.00	0.00	55.25
TOTAL EXPENSES	\$/AC	0.00	0.00	19.38	24.76	38.76	31.06	35.91	38.04	27.61	9.65	0.00	27.10	252.26

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	0.00	0.00	0.00	0.96	0.92	0.92	0.92	0.92	0.92	0.02	0.00	0.00	5.58
IRRIGATION LABOR	HR/AC	0.00	0.00	1.00	1.00	2.00	2.00	2.00	2.00	2.00	1.00	0.00	0.00	13.00
IRRIG. WATER APPLIED	ACIN	0.00	0.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	0.00	0.00	48.00

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 40 HP	1	40.0	9500.	5.	2800.	0.63	0.36	0.06	1.05	2.34	0.35	2.07	4.76	1.681
CRAWLER 85 HP	10	85.0	55000.	7.	2500.	0.09	0.06	0.01	0.15	0.10	0.01	0.16	0.27	0.044
PICKUP 1/2 TON	14	0.5	7500.	2.	2400.	0.12	0.03	0.00	0.15	0.32	0.05	0.13	0.53	0.140
SP BALER-WIRE*	16	7.6	18800.	3.	750.	4.71	1.38	0.26	6.35	1.92	0.29	7.62	9.83	0.921
SP BALE PICKUP*	19	12.3	32000.	3.	750.	4.87	1.43	0.27	6.57	0.82	0.12	6.40	7.35	0.560
IRR PUMP 75 HP*	22	2.0	11380.	25.	3200.	3.13	4.00	0.96	8.09	31.03	0.47	1.99	33.49	24.000
SP SWATHER	34	12.0	21300.	4.	300.	9.29	3.71	0.69	13.69	2.13	0.32	11.29	13.74	1.444
SIDE DELIV RAKE	124	8.0	2000.	4.	750.	0.64	0.24	0.05	0.93	0.00	0.10	4.76	4.85	1.528
SURFACE IRR SYS*	128	2.0	38150.	10.	5000.	12.90	10.24	2.06	25.20	0.00	0.03	2.29	2.34	24.000
DITCHER	138	25.0	2400.	18.	140.	0.04	0.03	0.01	0.07	0.00	0.00	0.03	0.03	0.040
FARM SHOP	2		9720.	35.		0.35	0.64	0.15	1.14	0.14		0.01	0.14	
SHOP TOOLS&EQUIP	4		2835.	15.		0.18	0.22	0.04	0.45	0.00		0.01	0.01	

TOTAL INVESTMENT OR COST 210593.  
 MACHINERY & EQUIPMENT 292.  
 INVESTMENT PER ACRE

36.95 22.33 4.57 63.85 38.80 1.75 36.77 77.32

UC Cooperative Extension

720 ACRES OF ALFALFA  
 BORDER CHECK IRRIGATION  
 4 YEAR STAND LIFE

06/30/78

3/22/79

IDENTIFICATION NUMBER 2 93900820 512 1  
 COSTS FOR PRODUCING ALFALFA HAY  
 IN SAN JOAQUIN COUNTY  
 YIELD 7 TON/ACRE

HARVEST MONTH 9

BUDGET RECORD NUMBER 373

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	76.56	77.22	77.22	77.22	77.22	76.56	0.00	0.00	0.00	462.00
OPERATING EXPENSES														
INSECTICIDE	\$/AC	0.00	0.00	9.85	0.00	9.85	0.00	0.00	4.92	0.00	0.00	0.00	0.00	24.63
CUSTOM AIR PEST	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	5.00	5.00	0.00	0.00	0.00	0.00	10.00
DINITRO	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.70	21.70
CUSTOM GND APP	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.75	3.75
WIRE	\$/AC	0.00	0.00	0.00	3.14	3.33	3.33	3.33	3.33	3.14	0.00	0.00	0.00	19.60
MISCL EXPENSE	\$/AC	0.00	0.00	0.00	0.00	0.00	2.57	2.57	0.00	0.00	0.00	0.00	0.00	5.13
MACHINE LABOR COST	\$/AC	0.00	0.00	0.00	4.92	4.68	4.68	4.68	4.68	4.67	0.12	0.00	0.00	28.43
INTEREST ON OPER. CAP.	\$/AC	0.00	0.00	0.79	0.85	1.07	0.65	0.50	0.27	0.00	0.70	0.00	1.63	6.45
TRACTOR COST	\$/AC	0.00	0.00	0.00	1.06	0.79	0.79	0.79	0.79	0.79	0.00	0.00	0.00	5.03
EQUIPMENT COST	\$/AC	0.00	0.00	0.00	6.05	6.04	6.04	6.04	6.04	6.02	0.08	0.00	0.00	36.32
BLDG OPER. COST	\$/AC	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.00	0.02	0.15
IRRIGATION COST	\$/AC	0.00	0.00	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48	0.00	0.00	35.83
IRRIG LABOR COST	\$/AC	0.00	0.00	4.25	4.25	8.50	8.50	8.50	8.50	8.50	4.25	0.00	0.00	55.25
TOTAL EXPENSES	\$/AC	0.00	0.00	19.38	24.76	38.76	31.06	35.91	38.04	27.61	9.65	0.00	27.10	252.26

MACHINE LABOR	HR/AC	MONTHLY IRRIGATION AND LABOR REQUIREMENTS												TOTAL
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
IRRIGATION LABOR	HR/AC	0.00	0.00	1.00	1.00	2.00	2.00	2.00	2.00	2.00	1.00	0.00	0.00	13.00
IRRIG. WATER APPLIED	ACIN	0.00	0.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	0.00	0.00	48.00

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 40 HP	1	40.0	9500.	5.	2800.	0.63	0.36	0.06	1.05	2.34	0.35	2.07	4.76	1.681
CRAWLER 85 HP	10	85.0	55000.	7.	2500.	0.09	0.06	0.01	0.15	0.10	0.01	0.16	0.27	0.044
PICKUP 1/2 TON	14	0.5	7500.	2.	2400.	0.12	0.03	0.00	0.15	0.32	0.05	0.15	0.53	0.140
SP BALER-WIRE*	16	7.6	18800.	3.	750.	4.71	1.38	0.26	6.35	1.92	0.29	7.62	9.63	0.921
SP BALE PICKUP*	19	12.5	32000.	3.	750.	4.87	1.43	0.27	6.57	0.82	0.12	6.40	7.35	0.560
IRR PUMP 75 HP*	22	2.0	11388.	25.	3200.	3.13	4.00	0.96	8.09	31.03	0.47	1.99	33.49	24.000
SP SWATHER	34	12.0	21300.	4.	500.	9.29	3.71	0.69	13.69	2.13	0.32	11.29	13.74	1.444
SIDE DELIV RAKE	124	8.0	2000.	4.	750.	0.64	0.24	0.05	0.93	0.00	0.10	4.76	4.85	1.528
SURFACE IRR SYS*	128	2.0	38150.	10.	5000.	12.90	10.24	2.06	25.20	0.00	0.05	2.29	2.34	24.000
DITCHER	138	25.0	2400.	18.	140.	0.04	0.03	0.01	0.07	0.00	0.00	0.03	0.03	0.040
FARM SHOP	2		9720.	35.		0.35	0.64	0.15	1.14	0.14		0.01	0.14	
SHOP TOOLS&EQUIP	4		2835.	15.		0.18	0.22	0.04	0.45	0.00		0.01	0.01	

TOTAL INVESTMENT OR COST 210593.  
 MACHINERY & EQUIPMENT 292.  
 INVESTMENT PER ACRE 36.95 22.33 4.57 63.85 38.80 1.75 36.77 77.32

720 ACRES OF ALFALFA  
 BORDER-CHECK-IRRIGATION  
 4 YEAR STAND LIFE

06/30/78

BUDGET IDENTIFICATION NUMBER 2 93900820 512 1

BUDGET RECORD NUMBER 373

HARVEST OR SALE MONTH 9

COSTS FOR PRODUCING ALFALFA HAY  
IN SAN JOAQUIN COUNTY  
YIELD 7 TON/ACRE

COSTS AND RETURNS WILL BE  
DIVIDED BY 7.0 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
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PRICE	SHARE	UNIT	ITEM	TYPE	XXXX
PRODUCTION																		
1 ALFALFA HAY	0.00	0.00	0.00	1.16	1.17	1.17	1.17	1.17	1.16	0.00	0.00	0.00	66.000	0.000	3.	9.	2.	0.
OPERATING INPUTS																		
6 INSECTICIDE	0.00	0.00	1.00	0.00	1.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	9.850	0.000	7.	240.	3.	0.
7 CUSTOM AIR PEST	0.00	0.00	0.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00	0.00	0.00	2.500	0.000	7.	372.	3.	0.
8 DINITRO	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	21.700	0.000	7.	267.	3.	0.
9 CUSTOM GND APP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	3.750	0.000	7.	355.	3.	0.
10 WIRE	0.00	0.00	0.00	0.16	0.17	0.17	0.17	0.17	0.16	0.00	0.00	0.00	19.600	0.000	7.	383.	3.	9.
11 MISCL EXPENSE	0.00	0.00	0.00	0.00	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	5.130	0.000	7.	400.	3.	9.
MACHINERY REQUIREMENTS																		
26 DITCHER	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	10.	138.	4.	0.
27 PICKUP 1/2 TON	0.00	0.00	0.00	1.10	1.10	1.10	1.10	1.10	1.10	1.10	0.00	0.00	0.000	0.000	0.	14.	4.	0.
28 SP SWATHER	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.000	0.000	0.	34.	4.	9.
29 SIDE DELIV RAKE	0.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.000	0.000	1.	124.	4.	9.
30 SP BALER-WIRE*	0.00	0.00	0.00	1.16	1.17	1.17	1.17	1.17	1.16	0.00	0.00	0.00	0.000	0.000	0.	16.	4.	9.
31 SP BALE PICKUP*	0.00	0.00	0.00	1.16	1.17	1.17	1.17	1.17	1.16	0.00	0.00	0.00	0.000	0.000	0.	19.	4.	9.
49 ACIN IRRIG WATER	0.00	0.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	0.00	0.00	0.00	0.00	0.00	22.	128.	150.
50 NO. TIMES IRRIG	0.00	0.00	1.00	1.00	2.00	2.00	2.00	2.00	2.00	1.00	0.00	0.00	0.00	0.00	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	0.270	0.	2.	5.	0.
CHOP TOOLS&EQUIP	1.000	0.270	0.	4.	5.	0.

LAND REQUIREMENTS	CHARGE	NUMBER	VALUE OR	TAXES	PERENNIAL CROPS
	METHOD	OF ACRES	COST/ACRE	PER ACRE	YRS LIFE COST/ACRE
71	1.	720.00	1200.00	22.00	4.0 170.92

720 ACRES OF ALFALFA  
BORDER CHECK IRRIGATION  
4 YEAR STAND LIFE

MACHINERY COMPLEMENT 5  
EQUIPMENT COMPLEMENT 1

06/30/78

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

UC Cooperative Extension