

AF-SV-79-2

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
ALFALFA HAY	TON	86.000	7.000	602.00	
TOTAL RECEIPTS:				\$ 602.00	
2. VARIABLE COSTS:					
PREHARVEST:					
INSECTICIDE	ACRE	9.850	2.500	24.63	
CUSTOM AIR PEST	ACRE	2.500	5.000	12.50	
DINITRO	ACRE	21.700	1.000	21.70	
CUSTOM GND APP	ACRE	3.750	1.000	3.75	
MISCL EXPENSE	ACRE	5.130	1.000	5.13	
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			20.51	
IRRIGATION (LUBE-REPAIRS)	ACRE			4.05	
IRRIGATION WATER APPLIED	ACIN	0.512	48.000		
MACHINERY LABOR	HOUR	4.000	0.216	0.87	
IRRIGATION LABOR	HOUR	3.100	13.000	40.30	
INTEREST ON OPERATING CAP.	DOL.	0.086	50.529	4.28	
TOTAL PREHARVEST COSTS:				\$ 138.68	
PREHARVEST COST PER TON				\$ 19.81	
HARVEST:					
WIRE	ACRE	19.600	1.000	19.60	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			4.76	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			35.76	
MACHINERY LABOR	HOUR	4.000	3.359	21.44	
INTEREST ON OPERATING CAP.	DOL.	0.086	16.991	1.47	
TOTAL HARVEST COSTS:				\$ 83.03	
HARVEST COST PER TON				\$ 11.86	
TOTAL VARIABLE COSTS:				\$ 221.71	
VARIABLE COST PER TON				\$ 31.67	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER TON				\$ 380.29	
INCOME PER TON				\$ 34.33	
4. CASH OVERHEAD:					
REAL PROPERTY TAXES:				\$ 22.00	
MISC. OFFICE & BOOKKEEPING (2.50% OF TOTAL VARIABLE COSTS)				\$ 5.54	
TOTAL CASH OVERHEAD:				\$ 27.54	
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER TON				\$ 352.75	
INCOME PER TON				\$ 50.39	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			20.39	
IRRIGATION SYSTEM	ACRE			15.10	
BUILDINGS	ACRE			0.53	
TREES, VINES OR STAND	ACRE			21.37	
TOTAL DEPRECIATION:				\$ 57.38	
CAPITAL & INTEREST:					
MACHINERY&EQUIPMENT		0.086	83.820	7.23	
IRRIGATION SYSTEM		0.086	151.142	13.04	
BUILDINGS		0.086	9.984	0.86	
TREES, VINES OR STAND		0.086	85.460	7.38	
LAND		0.083	2000.000	165.00	
TOTAL INTEREST CHARGE:				\$ 193.51	
TOTAL FIXED COSTS:				\$ 250.90	
FIXED COST PER TON				\$ 35.84	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER TON				\$ 500.14	
TOTAL COST PER TON				\$ 71.45	
8. NET RETURNS:					
NET RETURNS PER TON				\$ 101.86	
NET RETURNS PER TON				\$ 14.55	

720 ACRES OF ALFALFA ON A 2640 ACRE FARM
 BORDER CHECK IRRIGATION
 TYPICAL PRACTICES REPRESENTED

AUTHOR: LYNN HOREL
 DATE: 03/23/78

BUDGET IDENTIFICATION NUMBER 2 95700820 512 1
 DATE PRINTED: 03/22/79

BUDGET RECORD NUMBER 304
 HARVEST MONTH: 9

TITLE: SAMPLE COSTS TO PRODUCE ALFALFA
 YOLO COUNTY
 LANDOWNER BASIS

Alfalfa #304

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TOTAL RECEIPTS:				\$ 602.00	
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PREHARVEST:					
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IRRIGATION LABOR	HOUR	3.100	13.000	40.30	
INTEREST ON OPERATING CAP.	DOL.	0.086	50.529	4.28	
TOTAL PREHARVEST COSTS:				\$ 136.68	
PREHARVEST COST PER TON				\$ 19.81	
HARVEST:					
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TOTAL HARVEST COSTS:				\$ 83.03	
HARVEST COST PER TON				\$ 11.86	
TOTAL VARIABLE COSTS:				\$ 221.71	
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INCOME PER TON				\$ 380.29	
INCOME PER TON				\$ 54.33	
4. CASH OVERHEAD:					
REAL PROPERTY TAXES:				\$ 22.00	
MISC. OFFICE & BOOKKEEPING (2.50% OF TOTAL VARIABLE COSTS)				5.54	
TOTAL CASH OVERHEAD:				\$ 27.54	
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER TON				\$ 352.75	
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TOTAL DEPRECIATION:				\$ 57.38	
CAPITAL & INTEREST:					
MACHINERY&EQUIPMENT		0.086	83.820	7.23	
IRRIGATION SYSTEM		0.086	151.142	13.04	
BUILDINGS		0.086	9.984	0.86	
TREES, VINES OR STAND		0.086	85.460	7.38	
LAND		0.083	2000.000	165.00	
TOTAL INTEREST CHARGE:				\$ 193.51	
TOTAL FIXED COSTS:				\$ 250.90	
FIXED COST PER TON				35.84	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER TON				\$ 500.14	
TOTAL COST PER TON				71.45	
8. NET RETURNS:					
NET RETURNS PER TON				\$ 101.86	
NET RETURNS PER TON				14.55	

720 ACRES OF ALFALFA ON A 2640 ACRE FARM
 BORDER CHECK IRRIGATION
 TYPICAL PRACTICES REPRESENTED

AUTHOR: LYNN HOREL
 DATE: 03/23/78

BUDGET IDENTIFICATION NUMBER 2 95700820 512 1
 DATE PRINTED: 03/22/79

BUDGET RECORD NUMBER 304
 HARVEST MONTH: 9

UC COOPERATIVE EXTENSION

IDENTIFICATION NUMBER 2 95700820 512 1
 SAMPLE COSTS TO PRODUCE ALFALFA
 YOLO COUNTY
 LANDOWNER BASIS

HARVEST MONTH 9

BUDGET RECORD NUMBER 304

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	99.76	100.62	100.62	100.62	100.62	99.76	0.00	0.00	0.00	602.00
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	2.50	0.00	5.00	5.00	0.00	0.00	0.00	0.00	12.50
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	3.86	3.67	3.67	3.67	3.67	3.66	0.10	0.00	0.00	22.30
INTEREST ON OPER. CAP.	\$/AC	0.00	0.00	0.68	0.72	1.00	0.53	0.43	0.23	0.00	0.50	0.00	1.63	5.75
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	3.07	3.07	3.07	3.07	3.07	3.07	3.07	3.07	0.00	0.00	24.56
IRRIG LABOR COST	\$/AC	0.00	0.00	3.10	3.10	6.20	6.20	6.20	6.20	6.20	3.10	0.00	0.00	40.30
TOTAL EXPENSES	\$/AC	0.00	0.00	16.71	21.01	36.48	26.24	31.13	33.29	22.90	6.86	0.00	27.10	221.71

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	0.15	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	9.83	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 40 HP*	21	2.0	8000.	25.	3200.	2.20	2.61	0.68	5.68	20.51	0.31	1.40	22.22	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	0.43	0.00		0.01	0.01	

TOTAL INVESTMENT OR COST MACHINERY & EQUIPMENT 207205.
 INVESTMENT PER ACRE 288.
 36.02 21.14 4.29 61.44 28.28 1.59 36.17 66.05

720 ACRES OF ALFALFA ON A 2640 ACRE FARM
 BORDER CHECK IRRIGATION
 TYPICAL PRACTICES REPRESENTED

AUTHOR: LYNN HOREL
 DATE: 03/23/78

BUDGET IDENTIFICATION NUMBER 2 95700820 512 1
 HARVEST OR SALE MONTH 9

BUDGET RECORD NUMBER 304

SAMPLE COSTS TO PRODUCE ALFALFA
 YOLO COUNTY
 LANDOWNER BASIS

COSTS AND RETURNS WILL BE
 DIVIDED BY 7.0 TON
 TO OBTAIN PER TON COSTS

LINE	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC	13 PRICE	14 SHARE RENT	15 UNIT CODE	16 ITEM CODE	17 TYPE	18 XXXX	
PRODUCTION	NUMBER OF UNITS																		
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	86.000	0.000	3.	9.	2.	0.	
OPERATING INPUTS	RATE/UNIT																		
														PRICE	SHARE RENT	UNIT CODE	ITEM CODE	TYPE	HARV CODE
11 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.	
12 CUSTOM AIR PEST	0.00	0.00	0.00	0.00	1.00	0.00	2.00	2.00	0.00	0.00	0.00	0.00	2.500	0.000	7.	372.	3.	0.	
13 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.	
14 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.	
15 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.	
16 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.	0.	
MACHINERY REQUIREMENTS	IMPLEMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												M CREW LABOR	POWER UNIT	RACH CODE	TYPE	HARV CODE		
38 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.	
39 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.	
40 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.	
41 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.	
42 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.	
43 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.	
														SHARE FIXED %	SHARE VAR %	POWER UNIT	SYSM CODE	LIFT	
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	21.	128.	100.	
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							

EQUIPMENT REQUIREMENTS	NUMBER UNITS	PROPORT OF COST	XXX	EQUIP CODE	TYPE	XXXX
51 FARM SHOP	1.000	0.270	0.	2.	5.	0.
52 SHOP TOOLS&EQUIP	1.000	0.270	0.	4.	5.	0.

LAND REQUIREMENTS	CHARGE METHOD	NUMBER OF ACRES	VALUE OR COST/ACRE	TAXES PER ACRE	PERENNIAL CROPS YRS LIFE	COST/ACRE
71	1.	720.00	2000.00	22.00	4.0	170.92

720 ACRES OF ALFALFA ON A 2640 ACRE FARM
 BORDER CHECK IRRIGATION
 TYPICAL PRACTICES REPRESENTED

AUTHOR:LYNN HOREL
 DATE: 03/23/78

MACHINERY COMPLEMENT 5
 EQUIPMENT COMPLEMENT 1

NO NAME CHANGES HAVE BEEN STORED WITH THIS BUDGET

PARAMETER CHGS-->10.	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE	RW CL	VALUE
		4.000000	11.	3.100000	12.	3.100000						