

	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:				\$ 136.68	
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	5.359	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	
				\$ 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	
				\$ 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				\$ 300.14	
				71.45	
8. NET RETURNS:					
NET RETURNS PER TON				\$ 101.86	
				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

	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	
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EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			0.55	
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MACHINERY LABOR	HOUR	4.000	0.216	0.87	
IRRIGATION LABOR	HOUR	3.100	13.050	40.30	
INTEREST ON OPERATING CAP.	DOL.	0.086	50.529	4.28	
TOTAL PREHARVEST COSTS:				\$ 136.68	
PREHARVEST COST PER TON				\$ 19.81	
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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	
				\$ 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	
				\$ 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	
				71.45	
8. NET RETURNS:					
NET RETURNS PER TON				\$ 101.86	
				14.55	

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

AUTHOR: LYNN MOREL
DATE: 03/23/78

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

BUDGET RECORD NUMBER 304
HARVEST MONTH: 9

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	0.55	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	0.844
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	2.81	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	0.45	0.00		0.01	0.01	

TOTAL INVESTMENT OR COST 207205.
 MACHINERY & EQUIPMENT 288.
 INVESTMENT PER ACRE

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	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
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	UNIT	ITEM	TYPE	HARV
													RENT	RENT	CODE	CODE		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	POWER	MACH	TYPE	HARV	
													LABOR	UNIT	CODE		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	SHARE	POWER	SYSN		
													FIXED %	VAR %	UNIT	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	PROPORT	XXX	EQUIP	TYPE	XXXX
	UNITS	OF COST	CODE	CODE		
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	NUMBER	VALUE OR	TAXES	PERENNIAL CROPS
	METHOD	OF ACRES	COST/ACRE	PER ACRE	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.	RM CL	VALUE	RM CL	VALUE	RM CL	VALUE	RM CL	VALUE	RM CL	VALUE	RM CL	VALUE
		4.000000	11.	3.100000	12.	3.100000						