

BUDGET IDENTIFICATION NUMBER 2 91500920 312 1
 HARVEST OR SALE MONTH 6

BUDGET RECORD NUMBER 314

SAMPLE COSTS TO PRODUCE ALFALFA HAY
 KERN COUNTY 1977
 CUSTOM BASIS FOR OPERATIONS

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												RENT	CODE	CODE			
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	75.000	0.000	3.	9.	2.	0.
OPERATING INPUTS	RATE/UNIT												PRICE	SHARE	UNIT	ITEM	TYPE	HARV
													RENT	CODE	CODE		CODE	
11 PHOSPHATE	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.220	0.000	12.	214.	3.	0.
12 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.
13 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.
14 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.
15 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.
16 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.
17 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.
18 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.
19 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												M CREW POWER MACH TYPE HARV					
													LABOR	UNIT	CODE	CODE		
													SHARE	SHARE	POWER	SYSM	LIFT	
													FIXED %	VAR %	UNIT	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.	200.	
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						

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.
STORAGE SHED	1.000	0.340	0.	8.	5.	0.
FUEL TANK 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	1500.00	20.00	4.0 202.87

100 ACRE CROP WITH FLOOD IRRIGATION
 YIELD OF 8.5 TONS PER ACRE
 STUDY REPRESENTS TYPICAL PRACTICES

AUTHOR: COOP-EXT
 DATE: 03/23/78

MACHINERY COMPLEMENT 3
 EQUIPMENT COMPLEMENT 1

NO NAME CHANGES HAVE BEEN STORED WITH THIS BUDGET

PARAMETER CHGS-->	BM CL	VALUE	BM CL	VALUE	BM CL	VALUE	BM CL	VALUE	BM CL	VALUE
	6.	0.090000	10.	4.300000	11.	3.900000	12.	3.900000		

IDENTIFICATION NUMBER 2 91000920 312 1
 SAMPLE COSTS TO PRODUCE ALFALFA HAY
 KERN COUNTY 1977
 CUSTOM BASIS FOR OPERATIONS

HARVEST MONTH 9

BUDGET RECORD NUMBER 314

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	90.75	90.75	91.50	181.50	91.50	91.50	0.00	0.00	0.00	637.50
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	1.89	1.89	1.89	3.79	1.89	1.89	0.00	0.00	0.00	13.26
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	1.63	2.67	1.52	1.34	1.51	0.49	0.00	0.00	0.00	0.00	9.36
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	20.44	20.44	20.44	30.66	40.88	30.66	20.44	0.00	0.00	0.00	183.96
IRRIG LABOR COST	\$/AC	0.00	0.00	5.85	5.85	5.85	7.80	11.70	7.80	5.85	0.00	0.00	0.00	50.70
TOTAL EXPENSES	\$/AC	0.00	0.00	43.31	75.04	52.89	61.88	104.67	67.03	48.38	0.00	0.00	0.00	452.61

		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	20.57	4.74	40.74	174.78	2.62	3.04	180.45	36.000
SURFACE IRR SYS*	128	2.0	38150.	10.	5000.	19.35	16.01	3.09	38.46	0.00	0.07	3.44	3.51	36.000
FARM SHOP	2		12240.	35.		3.15	6.06	1.38	10.58	1.22		0.05	1.28	
SHOP TOOLS&EQUIP	4		3570.	15.		1.67	2.09	0.40	4.16	0.00		0.05	0.05	
STORAGE SHED	8		7650.	35.		1.97	3.79	0.86	6.61	0.00		0.01	0.01	
FUELTANK 350 GAL	18		136.	30.		0.02	0.10	0.02	0.13	0.00		0.00	0.00	
TOTAL INVESTMENT OR COST			80476.			41.58	48.61	10.49	100.68	176.01	2.69	6.60	185.29	
MACHINERY & EQUIPMENT			805.											
INVESTMENT PER ACRE														

100 ACRE CROP WITH FLOOD IRRIGATION
 YIELD OF 8.3 TONS PER ACRE
 STUDY REPRESENTS TYPICAL PRACTICES

AUTHOR: COOP-EXT
 DATE: 03/23/78

	UNIT	PRICE OR COST/UNIT	QUANTITY	OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
ALFALFA HAY	TON	75.000	8.500	637.50	
TOTAL RECEIPTS:				\$	637.50
2. VARIABLE COSTS:					
PREHARVEST:					
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	1.001	13.26	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			1.33	
IRRIGATION POWER COST	ACRE			174.78	
IRRIGATION (LUBE-REPAIRS)	ACRE			9.18	
IRRIGATION WATER APPLIED	ACIN	2.555	72.000		
IRRIGATION LABOR	HOURL	3.900	13.000	50.70	
INTEREST ON OPERATING CAP.	DOL.	0.090	77.797	6.81	
TOTAL PREHARVEST COSTS:				\$	310.06
PREHARVEST COST PER TON				\$	36.48
HARVEST:					
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.	0.090	28.333	2.55	
TOTAL HARVEST COSTS:				\$	142.55
HARVEST COST PER TON				\$	16.77
TOTAL VARIABLE COSTS:				\$	452.61
VARIABLE COST PER TON				\$	53.25
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER TON				\$	184.89
INCOME PER TON				\$	21.75
4. CASH OVERHEAD:					
REAL PROPERTY TAXES:					20.00
MISC. OFFICE & BOOKKEEPING (2.50% OF TOTAL VARIABLE COSTS)					11.32
TOTAL CASH OVERHEAD:				\$	31.32
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER TON				\$	153.57
INCOME PER TON				\$	18.07
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			0.00	
IRRIGATION SYSTEM	ACRE			34.79	
BUILDINGS	ACRE			6.80	
TREES, VINES OR STAND	ACRE			25.36	
TOTAL DEPRECIATION:				\$	66.94
CAPITAL & INTEREST:					
MACHINERY&EQUIPMENT		0.090	0.000	0.00	
IRRIGATION SYSTEM		0.090	406.440	36.58	
BUILDINGS		0.090	133.688	12.03	
TREES, VINES OR STAND		0.090	101.435	9.13	
LAND		0.083	1500.000	123.75	
TOTAL INTEREST CHARGE:				\$	181.49
TOTAL FIXED COSTS:				\$	248.43
FIXED COST PER TON				\$	29.23
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER TON				\$	732.36
TOTAL COST PER TON				\$	88.16
8. NET RETURNS:					
NET RETURNS PER TON				\$	-94.86
NET RETURNS PER TON				\$	-11.16

100 ACRE CROP WITH FLOOD IRRIGATION
YIELD OF 8.5 TONS PER ACRE
STUDY REPRESENTS TYPICAL PRACTICES

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DATE: 03/23/70

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DATE PRINTED: 03/22/77

BUDGET RECORD NUMBER 314
HARVEST MONTH: 9