

COST & RETURNS SUMMARY FOR ALFALFA HAY
COSTS TO ESTABLISH AND DESTROY ALFALFA HAY
 YOLO COUNTY 1980
 CARL SCHONER (L.A.H.)

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
TOTAL RECEIPTS:				0.00	
2. VARIABLE COSTS:					
PREHARVEST:					
MACHINERY RENT	LBS.	1.000	1.000	1.00	
ALFALFA SEED	ACRE	2.200	25.000	55.00	
CUSTOM AIR SEED	ACRE	3.900	1.000	3.90	
MISCL EXPENSE	LBS.	0.060	1.000	0.06	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			44.37	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			8.67	
MACHINERY LABOR	HOUR	5.690	3.668	20.87	
INTEREST ON OPERATING CAP.	DOL.	0.14000	5.107	0.67	
TOTAL PREHARVEST COSTS:				142.55	
PREHARVEST COST PER ACRE				142.5537	
HARVEST:					
TOTAL HARVEST COSTS:				0.00	
HARVEST COST PER ACRE				0.0000	
TOTAL VARIABLE COSTS:				142.55	
VARIABLE COST PER ACRE				142.5537	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER ACRE				-142.55	
4. OVERHEAD:					
PERSONAL PROPERTY TAXES:				2.37	
INSURANCE:				3.52	
SHARE RENT:				0.00	
MISC. OFFICE & BOOKKEEPING (11.00% OF TOTAL VARIABLE COSTS)				15.68	
TOTAL OVERHEAD:				21.57	
OVERHEAD COST PER ACRE				21.5748	
TOTAL CASH COSTS:				164.13	
TOTAL CASH COST PER ACRE				164.1284	
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER ACRE				-164.13	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			12.57	
TOTAL DEPRECIATION:				12.57	
CAPITAL & INTEREST:					
MACHINERY & EQUIPMENT		0.14000	70.485	9.87	
TOTAL INTEREST CHARGE:				9.87	
TOTAL FIXED COSTS:				22.44	
FIXED COST PER ACRE				22.4407	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER ACRE				186.57	
8. NET RETURNS:					
NET RETURNS PER ACRE				-186.57	

720 ACRES FALL PLANTED
 SHARE RENT OPERATION
 NO IRRIGATION FOR ESTABLISHMENT NECESSARY
 DATE PRINTED: 01/22/81 HARVEST MONTH: 10

UPDATED 1/22/81
 BUDGET RECORD NUMBER 305

Historical Budget - 1980

MONTHLY SUMMARY OF RECEIPTS AND EXPENSES

CATEGORY	UNIT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL	
TOTAL RECEIPTS	\$/AC													0.00	
OPERATING EXPENSES															
MACHINERY RENT	\$/AC									1.00					1.00
ALFALFA SEED	\$/AC										55.00				55.00
CUSTOM AIR SEED	\$/AC										3.90				3.90
MISCL EXPENSE	\$/AC										8.06				8.06
MACHINE LABOR COST	\$/AC								1.79	13.17	5.91				20.87
INTEREST ON OPER. CAP.	\$/AC								0.17	0.50					0.67
TRACTOR COST	\$/AC								4.11	26.95	13.32				44.37
EQUIPMENT COST	\$/AC								2.01	4.34	2.32				8.67
TOTAL EXPENSES	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.08	45.96	88.51	0.00	0.00	142.55	

MONTHLY IRRIGATION AND LABOR REQUIREMENTS

MACHINE LABOR	HR/AC								0.32	2.32	1.04			3.67
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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	TOTAL	FUEL	LUBE	REPAIRS	TOTAL	
TRACTOR 100 HPWD	4	100.0	27600.	3.	3650.	0.48	0.33	0.19	0.99	1.86	0.28	1.28	3.41	0.403
TRACTOR 150 HPWD	7	150.0	38400.	3.	3650.	0.11	0.07	0.04	0.23	0.46	0.07	0.29	0.82	0.066
TRACT 4WD 225HP	8	175.0	60000.	3.	3650.	1.83	1.25	0.73	3.81	8.61	1.29	4.08	13.98	0.712
CRAWLER 90 HP	10	90.0	66000.	5.	3250.	2.21	2.03	1.20	5.45	4.78	0.72	4.11	9.60	0.988
CRAWLER 145 HP	11	145.0	85200.	5.	3250.	3.34	3.07	1.82	8.23	9.01	1.35	6.20	16.57	1.156
PICKUP 1/2 TON	14	0.5	9000.	2.	2400.	0.01	0.00	0.00	0.01	0.04	0.01	0.01	0.06	0.009
CHISEL	42	12.0	4320.	3.	975.	0.23	0.12	0.07	0.42	0.00	0.01	0.64	0.66	0.270
DISC OFFSET	59	12.0	4800.	4.	650.	0.30	0.18	0.11	0.60	0.00	0.01	0.73	0.74	0.260
DISC OFFSET HDTY	63	24.0	12720.	7.	400.	1.76	1.46	0.91	4.13	0.00	0.08	3.94	4.02	0.521
SPR FMOOTH	78	32.0	6120.	5.	500.	0.53	0.37	0.22	1.12	0.00	0.02	1.16	1.19	0.322
4 WR-PLANE 12X45	85	12.0	8520.	2.	1200.	0.46	0.18	0.10	0.74	0.00	0.01	0.30	0.30	0.243
SCRAPER	87	10.0	2640.	4.	650.	0.13	0.08	0.05	0.26	0.00	0.00	0.08	0.08	0.204
RB FLOW 4-16	96	6.7	4200.	6.	455.	0.44	0.34	0.21	0.99	0.00	0.02	1.00	1.02	0.404
BORDER DISC SMGL	135	12.0	780.	4.	650.	0.03	0.02	0.01	0.06	0.00	0.00	0.08	0.08	0.167
BORDER DISC TMDA	136	12.0	1530.	4.	650.	0.06	0.04	0.02	0.12	0.00	0.00	0.15	0.15	0.167
INPLAT CARRIER	150	5.0	4200.	7.	400.	0.04	0.04	0.02	0.11	0.00	0.00	0.02	0.02	0.041

MACHINERY & EQUIPMENT 467. 11.99 9.57 5.72 27.28 24.76 3.88 24.06 52.70

INVESTMENT & COSTS PER ACRE
 TOTAL INVESTMENT 336030.

720 ACRES FALL PLANTED
 SHARE RENT OPERATION
 NO IRRIGATION FOR ESTABLISHMENT NECESSARY

UPDATED 1/22/81

FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 305
 COSTS TO ESTABLISH AND DESTROY ALFALFA HAY
 YOLO COUNTY 1980
 CARL SCHONER (L.A.H.)

FUEL USED IN GALLONS PER HOUR

TRACTOR 100 HPWD	4.800
TRACTOR 150 HPWD	7.200
TRACT 4WD 225HP	12.600
CRAWLER 90 HP	5.040
CRAWLER 145 HP	8.120
PICKUP 1/2 TON	4.000

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED
 MACHINE GALLONS POWER UNIT

PICKUP 1/2 TON	0.073	
BORDER DISC SNGL	0.924	CRAWLER 90 HP
4 WH PLANE 12X45	3.361	TRACT 4WD 225HP
DISC OFFSET HDTY	1.163	CRAWLER 145 HP
RB PLOW 4-16	5.605	TRACT 4WD 225HP
IMPLAT CARRIER	0.215	TRACTOR 100 HPWD
DISC OFFSET	2.326	CRAWLER 145 HP
4 WH PLANE 12X45	1.344	CRAWLER 90 HP
SCRAPER	1.076	TRACTOR 100 HPWD
CHISEL	2.408	CRAWLER 145 HP
SPRINGTOOTH	0.596	CRAWLER 90 HP
BORDER DISC TNDM	0.924	CRAWLER 90 HP
IMPLAT CARRIER	0.215	TRACTOR 100 HPWD

FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FUEL TYPE
BORDER DISC SNGL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.924	0.000	0.000	0.000	0.924	DIESEL
4 WH PLANE 12X45	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.361	0.000	0.000	0.000	3.361	DIESEL
DISC OFFSET HDTY	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.326	2.326	0.000	0.000	0.000	4.652	DIESEL
LOW 4-16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.605	0.000	0.000	5.605	DIESEL
IMPLAT CARRIER	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.645	0.000	0.000	0.645	DIESEL
PICKUP 1/2 TON	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.036	0.000	0.000	0.036	GAS
DISC OFFSET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.326	0.000	0.000	0.000	2.326	DIESEL
4 WH PLANE 12X45	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.344	0.000	0.000	0.000	1.344	DIESEL
TRACTOR 150 HPWD	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.432	0.000	0.000	0.000	0.432	DIESEL
SCRAPER	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.076	0.000	0.000	0.000	1.076	DIESEL
CHISEL	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.408	0.000	0.000	0.000	2.408	DIESEL
SPRINGTOOTH	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.787	0.000	0.000	1.787	DIESEL
BORDER DISC TNDM	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.924	0.000	0.000	0.000	0.924	DIESEL
IMPLAT CARRIER	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.215	0.000	0.000	0.000	0.215	DIESEL
TOTALS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.326	15.336	8.073	0.000	0.000	25.736	

GALLONS FUEL BY TYPE
 0.04 GAS
 0.00 LP
 25.70 DIESEL
 0.00 N. GAS
 0.00 KWRS

FUEL TYPES
 1=GAS
 2=L.P.
 3=DIESEL
 4=N. GAS
 5=ELEC.

Updated 1/22/81

STORED DATA PAGE (NO CALCULATIONS) FOR ALFALFA HAY

BUDGET RECORD NUMBER 305

COSTS TO ESTABLISH AND DESTROY ALFALFA HAY
 YOLO COUNTY 1980
 CARL SCHONER (L.A.H.)

COSTS AND RETURNS WILL BE
 DIVIDED BY 1.0 ACRE
 TO OBTAIN PER ACRE 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																	
NONE STORED WITH BUDGET																		
OPERATING INPUTS																		
	RATE/UNIT												PRICE	SHARE	UNIT	ITEM	TYPE	HARV
													RENT	RENT	CODE	CODE		CODE
11 MACHINERY RENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.000	0.000	12.	473.	3.	0.
12 ALFALFA SEED	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00	0.00	0.00	2.200	0.000	7.	10.	3.	0.
13 CUSTOM AIR SEED	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.900	0.000	7.	371.	3.	0.
14 MISCL EXPENSE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	8.060	0.000	12.	400.	3.	0.

MACHINERY REQUIREMENTS	IMPLEMENTS =	TIMES OVER,	TRUCKS =	MILES/ACRE,	TRACTORS =	HRS/ACRE	M CREW	POWER	RACH	TYPE	HARV
	LABOR	UNIT	CODE				LABOR	UNIT	CODE		CODE
26 BORDER DISC SMGL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
27 4 WH PLANE 12X45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	3.00	0.00	0.00
28 DISC OFFSET HDTY	0.00	0.00	0.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00	0.00
29 MB PLOW 4-16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
30 IMPLAT CARRIER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00
31 PICKUP 1/2 TON	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00
38 DISC OFFSET	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
39 4 WH PLANE 12X45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
40 TRACTOR 150 HPWD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00
41 SCRAPER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
43 CHISEL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
44 SPRINGTOOTH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00
45 BORDER DISC TNDM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
46 IMPLAT CARRIER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00

EQUIPMENT REQUIREMENTS	NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX
	UNITS	OF COST		CODE		
NONE STORED WITH BUDGET						
COLUMNS --->	2	3	4	5	6	7
LAND REQUIREMENTS	CHARGE		NUMBER	VALUE OR	TAXES	PERENNIAL CROPS
	METHOD		OF ACRES	COST/ACRE	PER ACRE	YRS LIFE COST/ACRE
71	3.		720.00	2900.00	0.00	0.0
ENTERPRISE 2- 9 REGION/COUNTY 57 UNASSIGNED 00000			RACH COMP	6	IRIG SYST 0 UNASSIGNED	2 EQUIP SET 1 HARVEST MONTH 10

720 ACRES FALL PLANTED
 SHARE RENT OPERATION
 NO IRRIGATION FOR ESTABLISHMENT NECESSARY

UPDATED 1/22/81

MACHINERY COMPLEMENT 6
 EQUIPMENT COMPLEMENT 1

LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE
MACHNRY NAME CHANGE->	88 V--SCRAPER CHECH	4 TRACTOR 100 HPWD	7 TRACTOR 150 HPWD	10 CRAWLER 90 HP
	11 CRAWLER 145 HP			
RACH COMP CHGS-->	88. 3. 3000.000000	88.13. 3000.000000	10. 2. 90.000000	10.16. 90.000000
	4. 2. 100.000000	4.16. 100.000000	7. 2. 150.000000	7.16. 150.000000
PARAMETER CHGS-->	6. 0.140000	7. 0.050000	8. 0.095000	10. 5.690000
	17. 0.095000	26. 0.106700	27. 0.050000	28. 0.110000
				11. 4.790000
				11. 4.790000