

COST & RETURNS SUMMARY FOR ALFALFA SEED
 ALFALFA SEED (FROM HAY) PROJECTED PRODUCTION COSTS 1980
 BY ROBERT HAGEMANN, FARM ADVISOR
 IMPERIAL COUNTY YIELD OF 300 LBS OF CLEAN SEED

AF-SI-80-2

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
1. GROSS RECEIPTS FROM PRODUCTION:					
ALFALFA SEED	LBS.	1.020	300.000	306.00	
TOTAL RECEIPTS:				306.00	
2. VARIABLE COSTS:					
PREHARVEST:					
CUSTOM AIR PEST	ACRE	4.000	3.000	12.00	
INSECTICIDE	ACRE	11.670	3.000	35.01	
POLLINATION	UNIT	13.000	3.000	39.00	
IRRIG DIST WATER	ACIN	0.220	24.000	5.28	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			0.37	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			0.78	
IRRIGATION (SYSTEM MAINT.)	ACIN	0.059	24.000	1.40	
MACHINERY LABOR	HOUR	5.970	0.063	0.39	
IRRIGATION LABOR	HOUR	5.250	6.000	31.50	
INTEREST ON OPERATING CAP.	DOL.	0.14000	9.400	1.25	
TOTAL PREHARVEST COSTS:				126.98	
PREHARVEST COST PER LBS.				0.4233	
HARVEST:					
DINITRO	ACRE	14.000	1.000	14.00	
AERIAL SPRAYING	ACRE	5.000	1.000	5.00	
CUSTOM COMBINE	ACRE	28.000	1.000	28.00	
CUSTOM HAULING	TON	5.000	0.188	0.94	
SEED CLEANING	CWT.	4.000	3.750	15.00	
BAGS, TAGS, ETC	CWT.	1.000	3.000	3.00	
INTEREST ON OPERATING CAP.	DOL.	0.14000	60.445	8.46	
TOTAL HARVEST COSTS:				74.40	
HARVEST COST PER LBS.				0.2480	
TOTAL VARIABLE COSTS:				201.39	
VARIABLE COST PER LBS.				0.6713	
3. INCOME ABOVE VARIABLE COSTS:					
INCOME PER LBS.				104.61	
4. OVERHEAD:					
PERSONAL PROPERTY TAXES:				0.02	
REAL PROPERTY TAXES:				3.83	
CASH RENT:				200.00	
TOTAL OVERHEAD:				203.87	
OVERHEAD COST PER LBS.				0.6796	
TOTAL CASH COSTS:				405.26	
TOTAL CASH COST PER LBS.				1.3509	
5. INCOME ABOVE ALL CASH COSTS:					
INCOME PER LBS.				-99.26	
6. OWNERSHIP COSTS:					
DEPRECIATION:					
MACHINERY & EQUIPMENT	ACRE			0.10	
IRRIGATION SYSTEM	ACRE			7.74	
BUILDINGS	ACRE			3.28	
TOTAL DEPRECIATION:				11.81	
CAPITAL & INTEREST:					
MACHINERY & EQUIPMENT		0.14000	0.602	0.08	
IRRIGATION SYSTEM		0.14000	71.163	9.96	
BUILDINGS		0.10670	78.207	8.34	
TOTAL INTEREST CHARGE:				18.39	
TOTAL FIXED COSTS:				30.21	
FIXED COST PER LBS.				0.1007	
7. TOTAL OF ABOVE COSTS:					
TOTAL COST PER LBS.				435.47	
8. NET RETURNS:					
NET RETURNS PER LBS.				-129.47	

MECHANICAL OPERATIONS AT CUSTOM RATES

FLOOD IRRIGATED
 CASH RENT BASIS
 DATE PRINTED: 01/16/81
 1980 default data

HARVEST MONTH: 6

UPDATED 04/21/80
 BUDGET RECORD NUMBER 127

CASH FLOW & INVESTMENT SUMMARY FOR ALFALFA SEED

BUDGET RECORD NUMBER 127

ALFALFA SEED(FROM HAY) PROJECTED PRODUCTION COSTS 1980

BY ROBERT HASEMANN, FARM ADVISOR
IMPERIAL COUNTY

YIELD OF 300 LBS OF CLEAN SEED

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	0.00	0.00	0.00	0.00	0.00	306.00	0.00	0.00	0.00	0.00	0.00	306.00
OPERATING EXPENSES														
CUSTOM AIR PEST	\$/AC	0.00	0.00	0.00	4.00	4.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00
INSECTICIDE	\$/AC	0.00	0.00	0.00	11.67	11.67	11.67	0.00	0.00	0.00	0.00	0.00	0.00	35.01
POLLINATION	\$/AC	0.00	0.00	0.00	0.00	0.00	39.00	0.00	0.00	0.00	0.00	0.00	0.00	39.00
DINITRO	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	14.00	0.00	0.00	0.00	0.00	0.00	14.00
AERIAL SPRAYING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	5.00
IRRIG DIST WATER	\$/AC	0.00	0.00	1.32	1.32	1.32	1.32	0.00	0.00	0.00	0.00	0.00	0.00	5.28
CUSTOM COMBINE	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	28.00	0.00	0.00	0.00	0.00	0.00	28.00
CUSTOM HAULING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.94	0.00	0.00	0.00	0.00	0.00	0.94
SEED CLEANING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	15.00	0.00	0.00	0.00	0.00	0.00	15.00
BAGS, TAGS, ETC	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	3.00
MACHINE LABOR COST	\$/AC	0.00	0.07	0.07	0.07	0.07	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.39
INTEREST ON OPER. CAP.	\$/AC	0.00	0.02	0.34	0.57	0.29	0.01	0.49	0.00	0.00	0.00	0.00	0.00	9.71
EQUIPMENT COST	\$/AC	0.00	0.06	0.06	0.06	0.06	0.06	0.06	0.00	0.00	0.00	0.00	0.00	6.37
BLDG OPER. COST	\$/AC	0.00	0.13	0.13	0.13	0.13	0.13	0.13	0.00	0.00	0.00	0.00	0.00	0.78
IRRIGATION COST	\$/AC	0.00	0.00	0.35	0.35	0.35	0.35	0.00	0.00	0.00	0.00	0.00	0.00	1.40
IRRIG LABOR COST	\$/AC	0.00	0.00	7.88	7.88	7.88	7.88	0.00	0.00	0.00	0.00	0.00	0.00	30.50
TOTAL EXPENSES	\$/AC	0.00	0.28	10.14	26.04	25.76	64.48	74.68	0.00	0.00	0.00	0.00	0.00	202.39

MONTHLY IRRIGATION AND LABOR REQUIREMENTS

MACHINE LABOR	HR/AC	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.07
IRRIGATION LABOR	HR/AC	0.00	0.00	1.50	1.50	1.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00	6.00
IRRIG. WATER APPLIED	ACIN	0.00	0.00	6.00	6.00	6.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	24.00

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
PICKUP 1/2 T	14	0.5	9000.	8.	500.	0.10	0.08	0.02	0.20	0.26	0.04	0.07	0.37	0.055
SURFACE IRR SYS*	128	2.0	45780.	10.	5000.	7.74	9.96	2.47	20.18	0.00	0.03	1.38	1.40	12.000
FARM SHOP	2		14321.	35.		1.84	4.20	0.72	6.76	0.72		0.03	0.75	
TOOLS-SHOP EQUIP	4		4177.	15.		0.97	1.45	0.21	2.63	0.00		0.03	0.03	
STORAGE SHED	8		8951.	35.		1.15	2.63	0.45	4.22	0.00		0.01	0.01	
FUELTANK 550 GAL	18		159.	30.		0.01	0.07	0.01	0.09	0.00		0.00	0.00	
MACHINERY & EQUIPMENT INVESTMENT & COSTS PER ACRE			412.			11.81	18.39	3.87	34.08	0.98	0.07	1.51	2.55	
TOTAL INVESTMENT			82387.											

MECHANICAL OPERATIONS AT CUSTOM RATES
FLOOD IRRIGATED
CASH RENT BASIS

UPDATED 04/21/80

FUEL USE SUMMARY FOR BUDGET RECORD NUMBER 127
 ALFALFA SEED(FROM HAY) PROJECTED PRODUCTION COSTS 1980
 BY ROBERT HAGEMANN, FARM ADVISOR
 IMPERIAL COUNTY YIELD OF 300 LBS OF CLEAN SEED

FUEL USED IN GALLONS PER HOUR

PICKUP 1/2 T 4.000

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

PICKUP 1/2 T 0.073
 FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FUEL TYPE
PICKUP 1/2 T	0.000	0.036	0.036	0.036	0.036	0.036	0.036	0.000	0.000	0.000	0.000	0.000	0.218	GAS
TOTALS	0.000	0.036	0.036	0.036	0.036	0.036	0.036	0.000	0.000	0.000	0.000	0.000	0.218	

GALLONS FUEL BY TYPE

0.22 GAS
 0.00 LP
 0.00 DIESEL
 0.00 N. GAS
 0.00 KWHR

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



MACHINERY OPERATIONS SUMMARY BUDGET RECORD NUMBER 127
 ALFALFA SEED(FROM HAY) PROJECTED PRODUCTION COSTS 1980
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OPERATION	ITEM NO.	DATE	TIMES OVER	LABOR HOUR S	MACHINE HOURS	FUEL, OIL, FIXED	
						LUB., REP. PER ACRE	COSTS PER ACRE
PICKUP 1/2 T	14	JULY	0.50	0.011	0.009	0.06	0.03
PICKUP 1/2 T	14	FEB	0.50	0.011	0.009	0.06	0.03
PICKUP 1/2 T	14	MAR	0.50	0.011	0.009	0.06	0.03
PICKUP 1/2 T	14	APR	0.50	0.011	0.009	0.06	0.03
PICKUP 1/2 T	14	MAY	0.50	0.011	0.009	0.06	0.03
PICKUP 1/2 T	14	JUNE	0.50	0.011	0.009	0.06	0.03
TOTALS				0.065	0.055	0.37	0.20

MECHANICAL OPERATIONS AT CUSTOM RATES
 FLOOD IRRIGATED
 CASH RENT BASIS

UPDATED 04/21/80

STORED DATA PAGE (NO CALCULATIONS) FOR ALFALFA SEED

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 IMPERIAL COUNTY YIELD OF 300 LBS OF CLEAN SEED

COSTS AND RETURNS WILL BE
 DIVIDED BY 300.0 LBS.
 TO OBTAIN PER LBS. 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	NUMBER OF UNITS																	
1 ALFALFA SEED	0.00	0.00	0.00	0.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	1.020	0.000	12.	10.	2.	0.
OPERATING INPUTS	RATE/UNIT																	
6 CUSTOM AIR PEST	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	4.000	0.000	7.	372.	3.	0.
7 INSECTICIDE	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	11.670	0.000	7.	240.	3.	0.
8 POLLINATION	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	13.000	0.000	22.	350.	3.	0.
9 DINITRO	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	14.000	0.000	7.	267.	3.	9.
10 AERIAL SPRAYING	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	5.000	0.000	7.	370.	3.	9.
11 IRRIG DIST WATER	0.00	0.00	6.00	6.00	6.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.220	0.000	11.	323.	3.	0.
14 CUSTOM COMBINE	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	28.000	0.000	7.	305.	3.	9.
15 CUSTOM HAULING	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00	0.00	0.00	0.00	5.000	0.000	3.	306.	3.	9.
16 SEED CLEANING	0.00	0.00	0.00	0.00	0.00	0.00	3.75	0.00	0.00	0.00	0.00	0.00	4.000	0.000	16.	396.	3.	9.
17 BAGS, TAGS, ETC	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	1.000	0.000	16.	381.	3.	9.

MACHINERY REQUIREMENTS	IMPLEMENTS =	TIMES OVER,	TRUCKS = #	MILES/ACRE,	TRACTORS =	HRS/ACRE	M CREW	POWER	MACH	TYPE	HARV
							LABOR	UNIT	CODE		CODE
26 PICKUP 1/2 T	0.00	0.50	0.50	0.50	0.50	0.50	0.00	0.00	0.00	0.00	0.00
49 ACIN IRRIG WATER	0.00	0.00	6.00	6.00	6.00	6.00	0.00	0.00	0.00	0.00	0.00
50 NO. TIMES IRRIG	0.00	0.00	1.50	1.50	1.50	1.50	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	0.340	0.	2.	5.	0.
52 TOOLS-SHOP EQUIP	1.000	0.340	0.	4.	5.	0.
53 STORAGE SHED	1.000	0.340	0.	8.	5.	0.
54 FUEL TANK 550 GAL	1.000	0.340	0.	18.	5.	0.

LAND REQUIREMENTS	2	3	4	5	6	7	8
	CHARGE	NUMBER	VALUE OR	TAXES	PERENNIAL CROPS		
	METHOD	OF ACRES	COST/ACRE	PER ACRE	YRS LIFE	COST/ACRE	
71 ENTERPRISE 2-10 REGION/COUNTY	2.	200.00	200.00	0.00	0.0	0.00	

MECHANICAL OPERATIONS AT CUSTOM RATES
 FLOOD IRRIGATED
 CASH RENT BASIS
 MACHINERY COMPLEMENT 1
 EQUIPMENT COMPLEMENT 1
 UPDATED 04/21/80

NO NAME CHANGES HAVE BEEN STORED WITH THIS BUDGET

	RW	CL	VALUE	RW	CL	VALUE	RW	CL	VALUE	RW	CL	VALUE
MACH COMP CHGS-->*** 2.			16.000000									
PARAMETER CHGS-->12.			5.250000									

1980 default data