

TITLE: ALFALFA SEED COST OF PRODUCTION  
GLENN COUNTY - 1977  
LAND OWNER BASIS

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
<b>1. GROSS RECEIPTS FROM PRODUCTION:</b>					
ALFALFA SEED	LBS.	1.020	600.000	612.00	
ALFALFA HAY	TON	75.000	2.000	150.00	
<b>TOTAL RECEIPTS:</b>				\$ 762.00	
<b>2. VARIABLE COSTS:</b>					
<b>PREHARVEST:</b>					
PHOSPHATE	LBS.	0.150	400.000	60.00	
INSECTICIDE	ACRE	15.000	3.000	45.00	
HERBICIDE	LBS.	6.200	3.000	18.60	
GRASS KILLER	OZ.	0.920	16.000	14.72	
INSECTICIDE	LBS.	5.460	6.000	32.76	
APIARY COLONY	UNIT	12.000	2.000	24.00	
CUSTOM GND APP	ACRE	3.250	1.000	3.25	
AERIAL SPRAYING	ACRE	3.500	3.000	10.50	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			4.05	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			2.58	
BUILDINGS (FUEL-LUBE-REPAIRS)	ACRE			1.31	
IRRIGATION POWER COST	ACRE			16.29	
IRRIGATION (LUBE-REPAIRS)	ACRE			2.82	
IRRIGATION WATER APPLIED	ACIN	0.637	30.000		
MACHINERY LABOR	HOUR	5.100	1.527	7.79	
IRRIGATION LABOR	HOUR	4.250	10.000	42.50	
INTEREST ON OPERATING CAP.	DOL.	0.083	53.658	4.54	
<b>TOTAL PREHARVEST COSTS:</b>				\$ 290.71	
<b>PREHARVEST COST PER LBS.</b>				\$ 0.48	
<b>HARVEST:</b>					
CUSTOM HAULING	TON	6.000	0.300	1.80	
IMPROVEM ASSN	ACRE	0.250	1.000	0.25	
SEED CLEANKING	CWT.	3.600	7.500	22.50	
BAGS,TAGS, ETC	CWT.	0.750	6.000	4.50	
DEFOLIANT	ACRE	8.000	1.000	8.00	
CUSTOM WINROW	TON	11.500	2.000	23.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			0.61	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			4.96	
MACHINERY LABOR	HOUR	5.100	0.968	4.94	
INTEREST ON OPERATING CAP.	DOL.	0.086	33.544	2.89	
<b>TOTAL HARVEST COSTS:</b>				\$ 73.45	
<b>HARVEST COST PER LBS.</b>				\$ 0.12	
<b>TOTAL VARIABLE COSTS:</b>				\$ 364.17	
<b>VARIABLE COST PER LBS.</b>				\$ 0.61	
<b>3. INCOME ABOVE VARIABLE COSTS:</b>					
<b>INCOME PER LBS.</b>				\$ 397.63	
<b>INCOME PER LBS.</b>				\$ 0.66	
<b>4. CASH OVERHEAD:</b>					
<b>REAL PROPERTY TAXES:</b>				15.00	
<b>RISC. OFFICE &amp; BOOKKEEPING ( 2.50% OF TOTAL VARIABLE COSTS)</b>				9.10	
<b>TOTAL CASH OVERHEAD:</b>				\$ 24.10	
<b>5. INCOME ABOVE ALL CASH COSTS:</b>					
<b>INCOME PER LBS.</b>				\$ 373.73	
<b>INCOME PER LBS.</b>				\$ 0.62	
<b>6. OWNERSHIP COSTS:</b>					
<b>DEPRECIATION:</b>					
MACHINERY & EQUIPMENT	ACRE			15.47	
IRRIGATION SYSTEM	ACRE			9.44	
BUILDINGS	ACRE			6.68	
<b>TOTAL DEPRECIATION:</b>				\$ 31.59	
<b>CAPITAL &amp; INTEREST:</b>					
MACHINERY&EQUIPMENT		0.086	121.187	10.46	
IRRIGATION SYSTEM		0.086	94.464	8.15	
BUILDINGS		0.086	131.329	11.33	
LAND		0.083	1260.000	99.00	
<b>TOTAL INTEREST CHARGE:</b>				\$ 128.94	
<b>TOTAL FIXED COSTS:</b>				\$ 160.53	
<b>FIXED COST PER LBS.</b>				0.27	
<b>7. TOTAL OF ABOVE COSTS:</b>					
<b>TOTAL COST PER LBS.</b>				\$ 548.80	
<b>TOTAL COST PER LBS.</b>				0.91	
<b>8. NET RETURNS:</b>					
<b>NET RETURNS PER LBS.</b>				\$ 213.20	
<b>NET RETURNS PER LBS.</b>				0.36	

BASED ON 100 ACRES OF FLOOD IRRIGATED ALFALFA  
YIELD OF 750 LBS FIELD RUN (200 LBS CLEAN) ON CLASS II SOILS (SCS)  
TYPICAL CULTURAL PRACTICES REPRESENTED

DATE: 01/14/78

BUDGET IDENTIFICATION NUMBER 2101100520 312 1  
DATE PRINTED: 03/20/79

BUDGET RECORD NUMBER 155  
HARVEST MONTH: 6

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	0.00	150.00	0.00	0.00	0.00	0.00	612.00	0.00	0.00	0.00	762.00
OPERATING EXPENSES															
PHOSPHATE	\$/AC	0.00	0.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60.00
INSECTICIDE	\$/AC	0.00	0.00	0.00	30.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.00
HERBICIDE	\$/AC	0.00	0.00	0.00	0.00	0.00	18.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.60
GRASS KILLER	\$/AC	0.00	0.00	0.00	0.00	0.00	14.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.72
INSECTICIDE	\$/AC	0.00	0.00	0.00	0.00	0.00	32.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	32.76
APIARY COLONY	\$/AC	0.00	0.00	0.00	0.00	0.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.00
CUSTOM GND APP	\$/AC	0.00	0.00	0.00	0.00	0.00	3.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.25
AERIAL SPRAYING	\$/AC	0.00	0.00	0.00	7.00	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.50
CUSTOM HAULING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.80	0.00	0.00	0.00	0.00	1.80
IMPROVMENT ASSN	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.25
SEED CLEANING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.50	0.00	0.00	0.00	0.00	22.50
BAGS, TAGS, ETC	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.50	0.00	0.00	0.00	0.00	4.50
DEFOLIANT	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00	0.00	8.00
CUSTOM WINROW	\$/AC	0.00	0.00	0.00	0.00	23.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.00
MACHINE LABOR COST	\$/AC	0.00	0.00	4.96	0.11	2.95	0.11	0.11	0.11	2.09	2.28	0.00	0.00	0.00	12.81
INTEREST ON OPER. CAP.	\$/AC	0.00	0.00	1.95	1.04	0.86	0.74	0.01	0.99	2.99	0.29	0.00	0.00	0.00	8.87
TRACTOR COST	\$/AC	0.00	0.00	2.70	0.00	0.57	0.00	0.00	0.00	0.00	1.40	0.00	0.00	0.00	4.67
EQUIPMENT COST	\$/AC	0.00	0.00	1.46	0.07	2.64	0.07	0.07	0.07	2.45	0.72	0.00	0.00	0.00	7.54
BLDG OPER. COST	\$/AC	0.00	0.00	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.00	0.00	0.00	1.31
IRRIGATION COST	\$/AC	0.00	0.00	0.00	3.82	3.82	3.82	3.82	3.82	0.00	0.00	0.00	0.00	0.00	19.11
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	8.50	8.50	8.50	8.50	8.50	0.00	0.00	0.00	0.00	0.00	42.50
TOTAL EXPENSES	\$/AC	0.00	0.00	71.34	50.71	61.00	106.73	12.67	13.65	44.75	4.92	0.00	0.00	0.00	365.60

MONTHLY IRRIGATION AND LABOR REQUIREMENTS														
MACHINE LABOR	HR/AC	0.00	0.00	0.97	0.02	0.58	0.02	0.02	0.02	0.41	0.45	0.00	0.00	2.50
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00	10.00
IRRIG. WATER APPLIED	ACIN	0.00	0.00	0.00	6.00	6.00	6.00	6.00	6.00	0.00	0.00	0.00	0.00	30.00

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	TOTAL	FUEL	LUBE	REPAIRS	TOTAL	
TRACTOR 30 HP	1	30.0	6900.	12.	1000.	0.13	0.11	0.02	0.27	0.32	0.05	0.25	0.61	0.303
TRACTOR 40 HP	2	40.0	9500.	12.	1000.	0.28	0.24	0.05	0.57	0.66	0.10	0.54	1.30	0.474
TRACTOR 75 HP	4	75.0	14500.	12.	1000.	0.69	0.59	0.12	1.40	1.25	0.19	1.32	2.76	0.756
PICKUP 1/2 T	14	0.5	7500.	3.	1350.	0.16	0.05	0.01	0.22	0.34	0.05	0.15	0.54	0.145
IRR PUMP 40 HP*	21	2.0	8000.	25.	3200.	1.37	1.75	0.42	3.55	16.29	0.24	1.12	17.65	15.000
COMBINE-GRAIN	25	14.0	38000.	10.	100.	9.70	6.40	1.38	17.48	0.60	0.09	1.69	2.38	0.323
SWATHER	35	14.0	22300.	9.	160.	2.53	1.50	0.32	4.35	0.30	0.05	1.48	1.83	0.206
ROLLER	57	21.0	3500.	20.	125.	0.23	0.22	0.05	0.50	0.00	0.00	0.09	0.10	0.170
FERT. SPREADER	69	12.0	3770.	15.	100.	0.60	0.46	0.11	1.17	0.00	0.01	0.63	0.65	0.260
SPRINGTOOTH	78	20.0	3300.	15.	140.	0.98	0.77	0.18	1.93	0.00	0.03	1.27	1.29	0.688
SIDE DELIV RAKE	124	8.0	2000.	9.	270.	0.17	0.10	0.02	0.29	0.00	0.01	0.73	0.74	0.255
SURFACE IRR SYS*	128	2.0	38150.	10.	5000.	8.06	6.40	1.29	15.75	0.00	0.03	1.43	1.46	15.000
IMPL CARRIER	150	5.0	3500.	15.	200.	0.02	0.02	0.00	0.04	0.00	0.00	0.01	0.01	0.020
FARM SHOP	2		12024.	35.		3.09	5.71	1.35	10.15	1.20		0.05	1.25	
SHOP TOOLS&EQUIP	4		3507.	15.		1.64	1.97	0.39	4.00	0.00		0.05	0.05	
STORAGE SHED	8		7515.	35.		1.93	3.57	0.85	6.34	0.00		0.01	0.01	
FUELTANK 550 GAL	18		134.	30.		0.02	0.09	0.02	0.13	0.00		0.00	0.00	

TOTAL INVESTMENT OR COST 184100.  
 MACHINERY & EQUIPMENT 1841.  
 INVESTMENT PER ACRE 31.59 29.94 6.60 68.13 20.96 0.85 10.82 32.63

BASED ON 100 ACRES OF FLOOD IRRIGATED ALFALFA  
 YIELD OF 750 LBS FIELD RUN 1600 LBS CLEAN ON CLASS II SOILS (565)  
 TYPICAL CULTURAL PRACTICES REPRESENTED DATE: 01/14/78

BUDGET IDENTIFICATION NUMBER 2101100520 312 1  
 HARVEST OR SALE MONTH 7

BUDGET RECORD NUMBER 155

ALFALFA SEED COST OF PRODUCTION  
 GLENN COUNTY - 1977  
 LAND OWNER BASIS

COSTS AND RETURNS WILL BE  
 DIVIDED BY 600.0 LBS.  
 TO OBTAIN PER LBS. COSTS

LINE PRODUCTION	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
NUMBER OF UNITS																		
1 ALFALFA SEED	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60.00	0.00	0.00	0.00	1.020	0.000	12.	10.	2.	0.
2 ALFALFA HAY	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.000	0.000	3.	9.	2.	0.
OPERATING INPUTS																		
RATE/UNIT																		
PRICE																		
SHARE RENT																		
UNIT CODE																		
ITEM CODE																		
TYPE																		
HARV CODE																		
6 PHOSPHATE	0.00	0.00	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.150	0.000	12.	214.	3.	0.
7 INSECTICIDE	0.00	0.00	0.00	2.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.000	0.000	7.	240.	3.	0.
8 HERBICIDE	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	6.200	0.000	12.	250.	3.	0.
9 GRASS KILLER	0.00	0.00	0.00	0.00	0.00	16.00	0.00	0.00	0.00	0.00	0.00	0.00	0.920	0.000	17.	253.	3.	0.
10 INSECTICIDE	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	5.460	0.000	12.	240.	3.	0.
11 APIARY COLONY	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	12.000	0.000	22.	350.	3.	0.
12 CUSTOM GNO APP	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	3.250	0.000	7.	355.	3.	0.
13 AERIAL SPRAYING	0.00	0.00	0.00	2.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.500	0.000	7.	370.	3.	0.
14 CUSTOM HAYLING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	6.000	0.000	3.	306.	3.	9.
15 IMPROVENT ASSN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.250	0.000	7.	410.	3.	9.
16 SEED CLEANING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.50	0.00	0.00	0.00	3.000	0.000	16.	396.	3.	9.
17 BAGS, TAGS, ETC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.750	0.000	16.	381.	3.	9.
18 DEFOLIANT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	8.000	0.000	7.	257.	3.	9.
19 CUSTOM WINROW	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.500	0.000	3.	307.	3.	9.
MACHINERY REQUIREMENTS																		
IMPLEMENTS = TIMES OVER, TRUCKS = # RILES/ACRE, TRACTORS = HRS/ACRE																		
H CREW POWER MACH TYPE HARV																		
LABOR UNIT CODE																		
20 SPRINGTOOTH	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.000	0.000	4.	78.	4.	0.
21 ROLLER	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	2.	57.	4.	0.
22 FERT. SPREADER	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	2.	69.	4.	0.
23 IMPL CARRIER	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.000	0.000	1.	150.	4.	0.
30 SWATHER	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	0.	35.	4.	9.
31 SIDE DELIV RAKE	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	1.	124.	4.	9.
32 COMBINE-GRAIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.000	0.000	0.	25.	4.	9.
34 PICKUP 1/2 T	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.000	0.000	0.	14.	4.	0.
SHARE SHARE POWER SYSM																		
FIXED % VAR % UNIT CODE LIFT																		
49 ACIN IRRIG WATER	0.00	0.00	0.00	6.00	6.00	6.00	6.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	21.	123.	60.	
50 NO. TIMES IRRIG	0.00	0.00	0.00	2.00	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00						
EQUIPMENT REQUIREMENTS																		
NUMBER PROPRT XXX EQUIP TYPE XXXX																		
UNITS OF COST CODE																		
51 FARM SHOP													1.000	0.334	0.	2.	5.	0.
52 SHOP TOOLS&EQUIP													1.000	0.334	0.	4.	5.	0.
53 STORAGE SHED													1.000	0.334	0.	6.	5.	0.
54 FUELTANK 550 GAL													1.000	0.334	0.	18.	5.	0.
LAND REQUIREMENTS																		
CHARGE																		
METHOD																		
NUMBER																		
VALUE OR																		
TAXES																		
PERENNIAL CROPS																		
OF ACRES COST/ACRE PER ACRE YRS LIFE COST/ACRE																		
71	1.			100.00	1200.00	15.00	0.0	0.00										

BASED ON 100 ACRES OF FLOOD IRRIGATED ALFALFA  
 YIELD OF 750 LBS FIELD RUN (600 LBS CLEAN) ON CLASS II SOILS (SCS)  
 TYPICAL CULTURAL PRACTICES REPRESENTED

MACHINERY COMPLEMENT 3  
 EQUIPMENT COMPLEMENT 1

DATE: 01/14/78

\*\*\*NO MORE CHANGES HAVE BEEN STORED WITH THIS BUDGET\*\*\*

BY CL	VALUE	BY CL	VALUE	BY CL	VALUE	BY CL	VALUE	BY CL	VALUE	BY CL	VALUE
METER CHGS-->11.	3.00000										