

ALFALFA SEED PRODUCTION  
Cost Analysis Worksheet-1980

Prepared by: Bob Sheesley, Fresno County Farm Advisor & E.A. Yeary, Farm Advisor - Statewide

Sample costs produce Certified Alfalfa Seed on the West Side of Fresno County. Based on a yield of 700 pounds of cleaned seed per acre. Man labor \$4.50 per hour total and equipment operator \$5.50. Heavy tracklayer per hour cash costs \$10.20, depreciation \$4.40 and interest \$4.00. Heavy wheel tractor \$6.80, \$2.60, and \$1.85.

	SAMPLE COSTS		MY COSTS	
	Per Acre	Per Lb.	Per Acre	Per Lb.
<b>PRE-HARVEST CASH COSTS:</b>				
Field clean up and straw disposal. 1/2 hr. per acre man & tracklayer - total		\$7.85		
Irrigate: Fall & winter irrigation 1 1/4 ac. ft.		15.00		
Spring irrigation 3/4 ac. ft.		9.00		
3 summer irrigations 1.3 ac. ft. (water cost \$12.00) labor: 11 hrs. total		15.60		
		49.50		
Disc or harrow: Fall 2X; spring 1X 3/4 hr. man and tracklayer		11.78		
Furrow out and cultivate 1/2 hr. man & wheel tractor		6.15		
Cultivate 2X: 1/2 hr. man & wheel tractor		6.15		
Chemical weed control; custom (including dodder)		18.00		
Clip back: flail chopper 1/2 hr. per acre man & wheel tractor		6.15		
Miscellaneous tractor work: 1/2 hr. man & tracklayer		7.85		
Insect Control: Materials		75.00		
Applications 4X @ \$3.00		12.00		
Bee rental: 3 strong colonies at \$16.00		48.00		
Desiccate: 2X (material & application)		20.00		
Taxes: Estimate		11.00		
Repairs to equipment except tractors		18.00		
Office and business expense		37.74		
<b>TOTAL PRE-HARVEST CASH COSTS</b>		<b>374.77</b>	<b>53.5¢</b>	
<b>HARVESTING AND PROCESSING COSTS:</b>				
Harvest and haul: 700 lbs. clean seed at 3¢ with \$30.00 ac. minimum		30.00		
Cleaning and bagging: \$4.00 cwt. field run; 875 lbs at \$4.00		35.00		
Rerun or "Magnetics": (ave. 40% of clean crop seed total) 280 lbs. at \$2.60 cwt.		7.28		
Bags: 75¢ cwt clean seed		5.25		
Fees: Certification Fee and Certified Seed Council, 45¢ cwt. clean seed, research 20¢ cwt.		4.55		
Field inspection: 25¢ per acre		.25		
<b>TOTAL HARVESTING AND PROCESSING COSTS</b>		<b>82.33</b>	<b>11.8¢</b>	
<b>TOTAL CASH COSTS</b>		<b>457.10</b>	<b>65.3¢</b>	

	SAMPLE COSTS		MY COSTS	
	Per Acre	Per Lb.	Per Acre	Per Lb.
<b>ALFALFA SEED PRODUCTION</b>				
<b>ESTABLISH STAND</b>				
Deep plow or chisel	\$15.70			
Disc 3X	15.70			
Land Plane	7.85			
Float 1X	3.93			
List beds	5.23			
Cultipak	2.45			
Plant	5.60			
Seed: 3/4 lb. @\$2.50	1.88			
Irrigate: Water	4.00			
Labor	9.00			
Weeding; and herbicide	26.25			
Miscellaneous overhead, Depreciation and interest	32.00			
Business costs	12.75			
Repairs	12.00			
TOTAL	154.34			
Stand depreciation; 3 yr. life	51.45			
Irrigation Equipment				
\$260 cost, 16 years	16.25			
Tractors: Crawler: 1 3/4 hrs. at \$4.40	7.70			
Wheel: 1 1/2 hrs. at \$2.60	3.90			
Other equipment: \$100 cost, 10 years, 50% for seed alfalfa	5.00			
TOTAL DEPRECIATION	84.30	12.0¢		
<b>INTEREST ON INVESTMENT AT 12%:</b>				
Irrigation system: 1/2 cost \$130	15.60			
Tractors: Crawler: 1 3/4 hrs at \$4.00	7.00			
Wheel: 1 1/2 hrs. at \$1.85	2.78			
Other equipment: 1/2 cost \$50 (50% for alfalfa seed)	3.00			
Stand: 1/2 cost, \$77.17	9.26			
Land: \$900	108.00			
TOTAL INTEREST ON INVESTMENT	145.64	20.8¢		
TOTAL COST OF PRODUCTION	\$ 687.04	98.1¢		

**SAMPLE COSTS AT VARYING YIELDS**

Water Cost \$12/ac. ft.

Water Cost \$32/ac. ft.

Yield: lbs. Per Acre	Water Cost \$12/ac. ft.				Water Cost \$32/ac. ft.			
	500	700	900	1100	500	700	900	1100
Cash Costs								
Per Acre \$	\$ 442.22	457.10	471.98	489.86	508.22	523.10	537.98	555.86
Per lb. ¢	88.4¢	65.3¢	52.4¢	44.5¢	1.02	74.7¢	59.8¢	50.5¢
Total All Costs								
Per Acre \$	\$ 672.16	687.04	701.92	719.80	738.16	753.04	767.92	782.07
Per lb. ¢	1.34	98.1¢	78.0¢	65.4¢	1.48	1.08	87.5¢	65.4¢

ALFALFA SEED

Water Cost \$87.00/ac. ft.

Yield: lbs. per acre	500	700	900	1100
Cash Costs per acre	\$ 689.72	704.60	719.48	737.36
Cash costs per lb. seed	1.38	1.01	79.9¢	67.0¢
Total Costs per acre	919.66	934.54	949.42	967.30
Total Costs per lb. seed	1.84	1.34	1.05	87.9¢

Bob Sheesley  
Farm Advisor

E. A. Yeary  
Area Farm Advisor

Farm & Home Advisors  
1720 S. Maple Ave.  
Fresno, Ca. 93702

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UC Cooperative Extension

TITLE: ALFALFA SEED PRODUCTION 1980  
WESTSIDE FRESNO COUNTY  
3 YEAR STAND LIFE

BY BOB SHEESLEY, FARM ADVISOR

Alfalfa seed

	UNIT	PRICE OR COST/UNIT	QUANTITY	VALUE OR COST PER ACRE	YOUR COST
<b>1. GROSS RECEIPTS FROM PRODUCTION:</b>					
CRIFD ALF SEED	LBS.	1.100	700.000	\$ 770.00	
<b>TOTAL RECEIPTS:</b>				\$ 770.00	
<b>2. VARIABLE COSTS:</b>					
<b>PREHARVEST:</b>					
IRRIG DIST WATER	ACIN	1.000	39.600	39.60	
HERBICIDE	APLC	6.000	2.000	12.00	
HERBICIDE APP	APLC	3.000	2.000	6.00	
INSECTICIDE	APLC	18.750	4.000	75.00	
CUSTOM AIR PEST	APLC	3.000	4.000	12.00	
POLLINATION	HIVE	16.000	3.000	48.00	
DESICATE	APLC	7.000	2.000	14.00	
AERIAL SPRAYING	APLC	3.000	2.000	6.00	
TRACTOR (FUEL-LUBE-REPAIRS)	ACRE			24.46	
EQUIPMENT (FUEL-LUBE-REPAIRS)	ACRE			4.34	
IRRIGATION (SYSTEM MAINT.)	ACIN	0.059	39.600	2.32	
MACHINERY LABOR	HOURL	5.500	2.535	13.94	
IRRIGATION LABOR	HOURL	4.500	11.000	49.50	
INTEREST ON OPERATING CAP.	DOL.	0.140	98.578	13.26	
<b>TOTAL PREHARVEST COSTS:</b>				\$ 320.42	
<b>PREHARVEST COST PER LBS.</b>				\$ 0.4577	
<b>HARVEST:</b>					
INSPECTION FEE	ACRE	0.250	1.000	0.25	
HARVEST & HAUL	ACRE	30.000	1.000	30.00	
SEED CLEANING	CWT.	4.000	8.750	35.00	
RERUN(MAGNETICS)	CWT.	2.600	2.800	7.28	
SACKS	CWT.	0.750	7.000	5.25	
ASSESAT & INSP	CWT.	0.450	7.000	3.15	
IMPROVEAT ASSN	CWT.	0.200	7.000	1.40	
INTEREST ON OPERATING CAP.	DOL.	0.140	8.042	1.13	
<b>TOTAL HARVEST COSTS:</b>				\$ 83.46	
<b>HARVEST COST PER LBS.</b>				\$ 0.1192	
<b>TOTAL VARIABLE COSTS:</b>				\$ 403.88	
<b>VARIABLE COST PER LBS.</b>				\$ 0.5770	
<b>3. INCOME ABOVE VARIABLE COSTS:</b>				\$ 366.12	
<b>INCOME PER LBS.</b>				\$ 0.5230	
<b>4. CASH OVERHEAD:</b>					
<b>REAL PROPERTY TAXES:</b>				\$ 11.00	
<b>TOTAL CASH OVERHEAD:</b>				\$ 11.00	
<b>OVERHEAD COST PER LBS.</b>				0.0157	
<b>5. INCOME ABOVE ALL CASH COSTS:</b>				\$ 355.12	
<b>INCOME PER LBS.</b>				\$ 0.5073	
<b>6. OWNERSHIP COSTS:</b>					
<b>DEPRECIATION:</b>					
MACHINERY & EQUIPMENT	ACRE			8.55	
IRRIGATION SYSTEM	ACRE			12.81	
TREES, VINES OR STAND	ACRE			87.43	
<b>TOTAL DEPRECIATION:</b>				\$ 108.79	
<b>CAPITAL &amp; INTEREST:</b>					
MACHINERY&EQUIPMENT		0.140	70.568	9.88	
IRRIGATION SYSTEM		0.140	117.727	16.48	
TREES, VINES OR STAND		0.107	262.300	13.99	
LAND		0.107	900.000	96.03	
<b>TOTAL INTEREST CHARGE:</b>				\$ 136.39	
<b>TOTAL FIXED COSTS:</b>				\$ 245.17	
<b>FIXED COST PER LBS.</b>				0.3502	
<b>7. TOTAL OF ABOVE COSTS:</b>				\$ 660.05	
<b>TOTAL COST PER LBS.</b>				0.9429	
<b>8. NET RETURNS:</b>				\$ 109.95	
<b>NET RETURNS PER LBS.</b>				0.1571	

FURROW IRRIGATED USING DISTRICT WATER AT \$12.00/ACRE FOOT  
YIELD 700 LBS CLEANED SEED  
100 ACRES OF CROP

UPDATED 05/13/80

BUDGET IDENTIFICATION NUMBER 210100000 460 1  
DATE PRINTED: 05/13/80

BUDGET RECORD NUMBER 320  
HARVEST MONTH: 11

1980 default data

IDENTIFICATION NUMBER 210100000 460 1  
 ALFALFA SEED PRODUCTION 1980  
 WESTSIDE FRESNO COUNTY  
 3 YEAR STAND LIFE

HARVEST MONTH 11 BUDGET RECORD NUMBER 320  
 BY BOB SHEESLEY, FARM ADVISOR

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	770.00	0.00	770.00
OPERATING EXPENSES															
IRRIG DIST WATER	\$/AC	0.00	0.00	0.00	9.00	5.20	5.20	5.20	0.00	7.50	7.50	0.00	0.00	0.00	39.60
HERBICIDE	\$/AC	0.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	6.00	0.00	0.00	12.00
HERBICIDE APP	\$/AC	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	6.00
INSECTICIDE	\$/AC	0.00	0.00	0.00	0.00	0.00	18.75	37.50	18.75	0.00	0.00	0.00	0.00	0.00	75.00
CUSTOM AIR PEST	\$/AC	0.00	0.00	0.00	0.00	0.00	3.00	6.00	3.00	0.00	0.00	0.00	0.00	0.00	12.00
POLLINATION	\$/AC	0.00	0.00	0.00	0.00	0.00	24.00	0.00	0.00	24.00	0.00	0.00	0.00	0.00	48.00
DESICATE	\$/AC	0.00	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	0.00	6.00	0.00	0.00	0.00	0.00	0.00	6.00
INSPECTION FEE	\$/AC	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25
HARVEST & HAUL	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00	15.00	0.00	0.00	0.00	0.00	30.00
SEED CLEANING	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	15.00	0.00	0.00	35.00
RERUN(MAGNETICS)	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.28	0.00	0.00	7.28
SACKS	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.25	0.00	0.00	5.25
ASSEST & INSP	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.15	0.00	0.00	3.15
IMPROVEMT ASSN	\$/AC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.40	0.00	0.00	1.40
MACHINE LABOR COST	\$/AC	0.00	0.00	0.00	5.47	1.37	1.37	0.00	0.27	3.73	1.73	0.00	0.00	0.00	13.94
INTEREST ON OPER. CAP.	\$/AC	0.00	0.00	0.00	2.64	1.19	4.05	2.56	1.94	1.53	0.48	0.00	0.00	0.00	14.38
TRACTOR COST	\$/AC	0.00	0.00	0.00	8.69	1.85	1.85	0.00	0.56	7.86	3.65	0.00	0.00	0.00	24.46
EQUIPMENT COST	\$/AC	0.00	0.00	0.00	1.25	0.40	0.40	0.00	0.03	1.52	0.74	0.00	0.00	0.00	4.34
IRRIGATION COST	\$/AC	0.00	0.00	0.00	0.53	0.31	0.31	0.31	0.00	0.44	0.44	0.00	0.00	0.00	2.32
IRRIG LABOR COST	\$/AC	0.00	0.00	0.00	8.25	8.25	8.25	8.25	0.00	8.25	8.25	0.00	0.00	0.00	49.50
TOTAL EXPENSES	\$/AC	0.00	0.00	0.00	35.82	18.82	76.17	59.81	59.55	69.83	42.79	41.08	0.00	0.00	403.88

MACHINE LABOR	UNIT	MONTHLY IRRIGATION AND LABOR REQUIREMENTS												TOTAL	
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
MACHINE LABOR	HR/AC	0.00	0.00	0.00	0.99	0.25	0.25	0.00	0.05	0.68	0.32	0.00	0.00	0.00	2.53
IRRIGATION LABOR	HR/AC	0.00	0.00	0.00	1.83	1.83	1.83	1.83	0.00	1.83	1.83	0.00	0.00	0.00	11.00
IRRIG. WATER APPLIED	ACIN	0.00	0.00	0.00	9.00	5.20	5.20	5.20	0.00	7.50	7.50	0.00	0.00	0.00	39.60

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 90 HP	4	90.0	27600.	7.	1800.	1.46	1.58	0.37	3.41	4.44	0.67	3.63	8.74	1.070
CRAWLER 120 HP	11	120.0	85200.	10.	1600.	4.63	5.96	1.48	12.07	7.96	1.19	6.57	15.72	1.234
CULTIVATOR 6 ROW	53	15.0	3960.	10.	250.	0.54	0.54	0.15	1.22	0.00	0.02	0.78	0.80	0.412
DISC OFFSET	59	12.0	4800.	8.	325.	1.49	1.32	0.35	3.16	0.00	0.06	2.91	2.97	1.042
FURROWER 6SHOVEL	91	9.8	1800.	9.	290.	0.18	0.17	0.05	0.40	0.00	0.01	0.36	0.37	0.332
ROTARY CHOPPER	126	9.0	2880.	6.	480.	0.16	0.12	0.03	0.32	0.00	0.00	0.14	0.14	0.229
FURROW IRIG SYS*	132	2.0	45900.	10.	5000.	12.81	16.48	4.09	33.38	0.00	0.05	2.28	2.32	19.800
DITCHER	138	25.0	2880.	28.	90.	0.09	0.18	0.06	0.33	0.00	0.00	0.06	0.06	0.080

MACHINERY & EQUIPMENT INVESTMENT & COSTS PER ACRE 1750. 21.35 26.36 6.57 54.28 12.40 1.99 16.74 31.13

TOTAL INVESTMENT 175020.

FURROW IRRIGATED USING DISTRICT WATER AT \$12.00/ACRE FOOT  
 YIELD 700 LBS CLEANED SEED  
 100 ACRES OF CROP

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3 YEAR STAND LIFE

BY BOB SHEESLEY, FARM ADVISOR

OPERATION	ITER NO.	DATE	TINES OVER	LABOR HOURS	MACHINE HOURS	FUEL, OIL, LUB., PER ACRE	FIXED REP. COSTS PER ACRE
DISC OFFSET	11,	59 APR	1.00	0.315	0.260	4.39	3.59
FURROWER 6SHOVEL	4,	91 APR	1.00	0.402	0.332	3.35	1.57
ROTARY CHOPPER	4,	126 APR	1.00	0.277	0.229	2.20	1.12
CULTIVATOR 6 ROW	4,	53 MAY	1.00	0.249	0.206	2.25	1.33
CULTIVATOR 6 ROW	4,	53 JUNE	1.00	0.249	0.206	2.25	1.33
DITCHER	11,	138 AUG	1.00	0.048	0.040	0.59	0.60
DISC OFFSET	11,	59 SEPT	2.00	0.630	0.521	8.79	7.18
DITCHER	11,	138 SEPT	1.00	0.048	0.040	0.59	0.60
DISC OFFSET	11,	59 OCT	1.00	0.315	0.260	4.39	3.59
<b>TOTALS</b>				<b>2.535</b>	<b>2.095</b>	<b>28.80</b>	<b>20.90</b>

FURROW IRRIGATED USING DISTRICT WATER AT \$12.00/ACRE FOOT  
YIELD 700 LBS CLEANED SEED  
100 ACRES OF CROP

UPDATED 05/13/80

BUDGET IDENTIFICATION NUMBER--- 2101000000 460 1  
ANNUAL CAPITAL MONTH 11 BUDGET RECORD NUMBER 320

FUEL USE SUMMARY FOR BUDGET NUMBER 2101000000 460 1

ALFALFA SEED PRODUCTION 1980  
WESTSIDE FRESNO COUNTY  
3 YEAR STAND LIFE

BY BOB SHEESLEY, FARM ADVISOR

FUEL USED IN GALLONS PER HOUR

TRACTOR 90 HP 4.320  
CRAWLER 120 HP 6.720

FUEL ALLOCATED TO OPERATIONS IN GALLONS PER ACRE COVERED

MACHINE	GALLONS	POWER UNIT
DISC OFFSET	1.925	CRAWLER 120 HP
FURROWER 6SHOVEL	1.577	TRACTOR 90 HP
CULTIVATOR 6 ROW	0.979	TRACTOR 90 HP
ROTARY CHOPPER	1.089	TRACTOR 90 HP
DITCHER	0.296	CRAWLER 120 HP

FUEL ALLOCATED TO OPERATIONS FOR THE BUDGET UNIT

	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL	FUEL TYPE
DISC OFFSET	0.000	0.000	0.000	1.925	0.000	0.000	0.000	0.000	3.850	1.925	0.000	0.000	7.700	3
FURROWER 6SHOVEL	0.000	0.000	0.000	1.577	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.577	3
CULTIVATOR 6 ROW	0.000	0.000	0.000	0.000	0.979	0.979	0.000	0.000	0.000	0.000	0.000	0.000	1.958	3
ROTARY CHOPPER	0.000	0.000	0.000	1.089	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.089	3
DITCHER	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.296	0.296	0.000	0.000	0.000	0.591	3
<b>TOTALS</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>4.591</b>	<b>0.979</b>	<b>0.979</b>	<b>0.000</b>	<b>0.296</b>	<b>4.146</b>	<b>1.925</b>	<b>0.000</b>	<b>0.000</b>	<b>12.915</b>	

GALLONS FUEL BY TYPE  
0.00 GAS  
0.00 LP  
12.91 DIESEL

FUEL TYPES  
1=GAS  
2=L.P.  
3=DIESEL

INCOME ABOVE VARIABLE COSTS  
 WHEN THE PRICE OF CRTFD ALF SEED RANGES FROM 0.60 TO 1.60  
 AND THE QUANTITY OF CRTFD ALF SEED RANGES FROM 500.00 TO 900.00

QUANTITY OF CRTFD ALF S	PRICE OF CRTFD ALF SEED				
	0.60	0.85	1.10	1.35	1.60
500.00	* -103.88	* 21.12	* 146.12	* 271.12	* 396.12
600.00	* -43.88	* 106.12	* 256.12	* 406.12	* 556.12
700.00	* 16.12	* 191.12	* 366.12	* 541.12	* 716.12
800.00	* 76.12	* 276.12	* 476.12	* 676.12	* 876.12
900.00	* 136.12	* 361.12	* 586.12	* 811.12	* 1036.12

INCOME ABOVE ALL CASH COSTS  
 WHEN THE PRICE OF CRTFD ALF SEED RANGES FROM 0.60 TO 1.60  
 AND THE QUANTITY OF CRTFD ALF SEED RANGES FROM 500.00 TO 900.00

QUANTITY OF CRTFD ALF S	PRICE OF CRTFD ALF SEED				
	0.60	0.85	1.10	1.35	1.60
500.00	* -114.88	* 10.12	* 135.12	* 260.12	* 385.12
600.00	* -54.88	* 95.12	* 245.12	* 395.12	* 545.12
700.00	* 5.12	* 180.12	* 355.12	* 530.12	* 705.12
800.00	* 65.12	* 265.12	* 465.12	* 665.12	* 865.12
900.00	* 125.12	* 350.12	* 575.12	* 800.12	* 1025.12

INCOME ABOVE ALL COSTS  
 WHEN THE PRICE OF CRTFD ALF SEED RANGES FROM 0.60 TO 1.60  
 AND THE QUANTITY OF CRTFD ALF SEED RANGES FROM 500.00 TO 900.00

QUANTITY OF CRTFD ALF S	PRICE OF CRTFD ALF SEED				
	0.60	0.85	1.10	1.35	1.60
500.00	* -360.05	* -235.05	* -110.05	* 14.95	* 139.95
600.00	* -300.05	* -150.05	* -0.05	* 149.95	* 299.95
700.00	* -240.05	* -65.05	* 109.95	* 284.95	* 459.95
800.00	* -180.05	* 19.95	* 219.95	* 419.95	* 619.95
900.00	* -120.05	* 104.95	* 329.95	* 554.95	* 779.95

BUDGET RECORD NUMBER 320  
 FURROW IRRIGATED USING DISTRICT WATER AT \$12.00/ACRE FOOT  
 YIELD 700 LBS CLEANED SEED  
 100 ACRES OF CROP

UPDATED 05/13/80

BUDGET IDENTIFICATION NUMBER 210100000 460 1  
 HARVEST OR SALE MONTH 11

BUDGET RECORD NUMBER 320

ALFALFA SEED PRODUCTION 1980  
 WESTSIDE FRESNO COUNTY  
 3 YEAR STAND LIFE

BY BOB SHEESLEY, FARM ADVISOR

COSTS AND RETURNS WILL BE  
 DIVIDED BY 700.0 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
PRODUCTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	PRICE	SHARE	UNIT	ITER	TYPE	XXXX
1 CRTFD ALF SEED	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.100	0.000	12.	110.	2.	0.
OPERATING INPUTS																		
	RATE/UNIT												PRICE	SHARE	UNIT	ITER	TYPE	HARV
6 IRRIG DIST WATER	0.00	0.00	0.00	9.00	5.20	5.20	5.20	0.00	7.50	7.50	0.00	0.00	1.000	0.000	11.	323.	3.	0.
7 HERBICIDE	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	6.000	0.000	34.	250.	3.	0.
8 HERBICIDE APP	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	3.000	0.000	34.	358.	3.	0.
9 INSECTICIDE	0.00	0.00	0.00	0.00	0.00	1.00	2.00	1.00	0.00	0.00	0.00	0.00	18.750	0.000	34.	240.	3.	0.
10 CUSTOR AIR PEST	0.00	0.00	0.00	0.00	0.00	1.00	2.00	1.00	0.00	0.00	0.00	0.00	3.000	0.000	34.	372.	3.	0.
11 POLLINATION	0.00	0.00	0.00	0.00	0.00	1.50	0.00	0.00	1.50	0.00	0.00	0.00	16.000	0.000	36.	350.	3.	0.
12 DESICATE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	7.000	0.000	34.	266.	3.	0.
13 AERIAL SPRAYING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	3.000	0.000	34.	370.	3.	0.
15 INSPECTION FEE	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.250	0.000	7.	402.	3.	9.
16 HARVEST & HAUL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50	0.00	0.00	0.00	30.000	0.000	7.	318.	3.	9.
17 SEED CLEANING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	3.75	0.00	4.000	0.000	16.	396.	3.	9.
18 RERUM(MAGNETICS)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.80	0.00	2.600	0.000	16.	397.	3.	9.
19 SACKS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00	0.750	0.000	16.	392.	3.	9.
20 ASSESAT & INSP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00	0.450	0.000	16.	418.	3.	9.
21 IMPROVENT ASSH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00	0.200	0.000	16.	410.	3.	9.
MACHINERY REQUIREMENTS																		
	IMPLREMENTS = TIMES OVER, TRUCKS = # MILES/ACRE, TRACTORS = HRS/ACRE												# CREW	POWER	MACH	TYPE	HARV	
													LABOR	UNIT	CODE		CODE	
26 DISC OFFSET	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	2.00	1.00	0.00	0.00	0.000	0.000	11.	59.	4.	0.
27 FURROWER & SHOVEL	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	4.	91.	4.	0.
28 CULTIVATOR & ROW	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	0.000	4.	53.	4.	0.
29 ROTARY CHOPPER	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	4.	126.	4.	0.
30 DITCHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.000	0.000	11.	138.	4.	0.
49 ACIN IRRIG WATER	0.00	0.00	0.00	9.00	5.20	5.20	5.20	0.00	7.50	7.50	0.00	0.00	0.00	0.00	0.132.			0.
50 NO. TIMES IRRIG	0.00	0.00	0.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	0.00						

EQUIPMENT REQUIREMENTS	NUMBER	PROPORT	XXX	EQUIP	TYPE	XXXX
	UNITS	OF COST		CODE		
LAND REQUIREMENTS						
71						
	CHARGE	NUMBER	VALUE OR	TAXES	PERENNIAL CROPS	
	METHOD	OF ACRES	COST/ACRE	PER ACRE	YRS LIFE	COST/ACRE
	1.	100.00	900.00	11.00	3.0	262.30

FURROW IRRIGATED USING DISTRICT WATER AT \$12.00/ACRE FOOT  
 YIELD 700 LBS CLEANED SEED  
 100 ACRES OF CROP

MACHINERY COMPLEMENT 4  
 EQUIPMENT COMPLEMENT 1

UPDATED 05/13/80

GENERAL NAME CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE	LINE CHANGE
397	RERUM(MAGNETICS)				
PARAMETER CHGS-->10.	RM CL	VALUE	RM CL	VALUE	RM CL
		5.500000	12.	4.500000	18.
				1.833300	

1980 default data