

Table 4A. Income and Cash Operating Cost Summary, Alfalfa Stand Establish, 1994

Item	Unit	Quantity	Price /Unit	Budgeted /Acre	Total /Acre
CASH LAND PREPARATION AND GROWING EXPENSES (including sales tax)					
Paid Labor (including benefits)					23.86
Tractor/Self Propelled Irrigation				18.48	
Chemicals & Custom Applications				5.38	
Fertilizers					49.14
Herbicides				26.88	
Farm Machinery and Vehicles				22.26	
Diesel Fuel					29.79
Repairs & Maint.				10.33	
Irrigation (excluding labor)				19.46	
Pump Energy - Elect.					5.85
Repairs & Maint.				5.23	
0.63					
Other Purchased Inputs & Services					46.33
Seed/Transplants				46.33	
TOTAL CASH LAND PREPARATION AND GROWING EXPENSES					154.97
CASH HARVEST AND POST HARVEST EXPENSES					
TOTAL HARVEST AND POST HARVEST EXPENSE					0.00
OPERATING OVERHEAD- >PICKUP USE					
TOTAL CASH OPERATING EXPENSES					6.85
RETURNS OVER CASH OPERATING EXPENSES					\$161.82
(\$161.82)

Notes: The above figures do not include ownership costs, see Table 4B on Next Page for detailed cost al

Table 4B. Allocation of Ownership Costs; Alfalfa Stand Establish, 1994

COUNTY: Mohave		FARM: Mohave County Farm		WATER SOURCE: Col Pum	
CROP: Alfalfa Hay		ACRES: 1.0		IRRIGATION SYSTEM: Flood Basin	
AREA: Mohave Valley		YIELD: 0.0 Tn/Acre		PREVIOUS CROP: Wheat, Winter	
			-- CASH COST BASIS (\$/ACRE) --		- TOTAL
Item			Income & Costs		Income
TOTAL INCOME at \$ 0.0000/Tn			\$0.00		\$0
TOTAL OPERATING EXPENSES			161.81		161
RETURN OVER CASH OPERATING EXPENSES			(\$161.81)		
CASH OVERHEAD EXPENSES					
Taxes, Housing & Insur., Farm Machinery			2.85		2
Wells & Irrig. System			0.26		0
Gen. & Off. Overhead (5% of Tot. Oper. Exp.)			8.09		8
General Farm Maint. (3% of Tot. Oper. Exp.)			4.85		4
Total Cash Overhead Expenses			16.05		16
Total Cash Oper. & Over. Cost			177.86		177
RETURNS OVER CASH OPER. & OVER. EXPENSES.			(177.86)		
CAPITAL ALLOCATIONS (100% Equity)					
Capital Replacement, Machinery & Vehicles					15
Wells & Irrig. System					1
Interest on Equity, Machinery & Vehicles					7
Wells & Irrig. System					0
Total Capital Allocations					24
RETURNS TO LAND, CAPITAL, MANAGEMENT & RISK ----->			(177.86)		
RETURNS TO LAND, MANAGEMENT & RISK ----->					
LAND COSTS / OWNERSHIP (100% Equity)					
Property Taxes (\$510 X 16% X .11229)			9.16		9
Opport. Inter. on Land (100% X 6.0% X \$510)					30
Total Land Costs			9.16		39
RETURNS TO MANAGEMENT, CAPITAL & RISK ----->			(187.03)		
RETURNS TO MANAGEMENT & RISK ----->					
Management Services (8% of Tot. Oper. Exp.)					15
TOTAL OWNERSHIP COST			25.21		93
TOTAL COST			\$187.03		\$252
RETURN TO MANAGEMENT, CAPITAL & RISK ----->			(\$187.03)		
RETURN TO RISK (PROFITS) ----->					

Table 4C. Variable Operating Costs; Alfalfa Stand Establish, 1994

COUNTY: Mohave FARM: Mohave County Farm WATER SOURCE: Col Pum
 CROP: Alfalfa Hay ACRES: 1.0 IRRIGATION SYSTEM: Flood Basin
 AREA: Mohave Valley YIELD: 0.0 Tn/Acre PREVIOUS CROP: Wheat, Winter

No.	First Month	Operation	Hours * --		Operating Costs (\$/Acre*)				
			Machine	Labor	Fuel/Rps.	Labor	Cust/Ser.	Materials	Total
1	Aug	Plow	0.300	0.333	5.34	2.67			8.01
2	Aug	Disk	0.225	0.250	3.03	2.00			5.03
3	Aug	Laser Level	0.900	1.000	13.19	8.01			21.20
4	Sep	Preirrigate		0.323	2.34	2.16			4.50
5	Sep	Apply Fert/Ground	0.075	0.083	0.82	0.66		26.88	28.36
6	Sep	Apply Herbicide/Ground	0.075	0.083	0.82	0.66		22.26	23.74
7	Oct	Plant	0.300	0.333	4.53	2.67		46.34	53.54
8	Oct	Scratch	0.113	0.125	1.13	1.00			2.13
9	Oct	Make Borders	0.090	0.100	0.93	0.80			1.73
10	Oct	Irrigate		0.161	1.17	1.07			2.24
		Pickup Use 30 Mi/Ac	1.000		6.84				
TOTAL CASH OPERATING EXPENSES:					\$42.49	\$23.84	\$0.00	\$95.48	

* NOTES: Machine and labor hours and operating cost are for one time over the designated acreage. The 'TOTAL CASH OPERATING EXPENSES:' row include all operations, all times over. Classes :

OPERATING COST SUMMARY BY CLASS	
Land Preparation (L)	\$87.78
Growing (G)	67.17
Harvest (H)	0.00
Post Harvest (P)	0.00
Marketing (M)	0.00
Operating Overhead (O)	6.84

Total (T)	\$161.81

Table 4D. Resource and Cash Flow Requirements; Alfalfa Stand Establish, 1994

COUNTY: Mohave		FARM: Mohave County Farm		WATER SOURCE: Col Pum					
CROP: Alfalfa Hay		ACRES: 1.0		IRRIGATION SYSTEM: Flood Basin					
AREA: Mohave Valley		YIELD: 0.0 Tn/Acre		PREVIOUS CROP: Wheat, Winter					
Month *	Number Irrig.	Water Applied (Inches)	Total Labor (Hrs)	Operating Cost (\$/Acre)					
				Purchased Water	Fuel, Oil & Repairs	Labor	Chemicals	Other Purchases	Se
AUG C			1.58		21.56	12.68			
SEP C	1.0	10.0	0.82		8.51	6.15	49.14	46.33	
OCT C	1.0	5.0	0.38		3.23	2.88			
NOV C	1.0	5.0	0.16		1.17	1.07			
DEC C	1.0	5.0	0.16		1.17	1.07			
Pickup Use 30 Mi/Ac					6.84				
Operating Interest at 8.0%									
Total	4.0	25.0	3.11		42.49	23.86	49.14	46.33	
%					26.25	14.74	30.37	28.63	
TOTAL RESOURCES REQUIREMENTS(/Acre)			TOTAL ENERGY REQUIREMENTS(/Acre)						
Total N	21.1 lbs		Diesel Fuel		12.4	Gal			
Total P	99.8 lbs		Regular Gas		0.0	Gal			
Total K	0.0 lbs		NonLead Gas		3.0	Gal			
Total Labor	3.1 Hrs		Electricity/Pumping		91.1	KWH			
Total Water	25.0 AI		All Direct Energy		2.4	M BTU			
EQUIPMENT REQUIREMENTS(/Acre)									
Tractor, 100 PTO HP, MFWD			1.18 Hrs	Moldboard Plow, 5-16 2 Way	0.30 Hrs	Dbl. Offset Disk,			
Tractor, 150 PTO HP, MFWD			0.90 Hrs	Drag Scraper, 10'	0.90 Hrs	Laser Receiver, M			
Laser Trailer			0.90 Hrs	Fertilizer Broadcaster, Towed	0.15 Hrs	Grain Drill, 14'			
Cultipacker, 13'			0.11 Hrs	Blade Scraper, 10'	0.09 Hrs	Pickup Truck, 1/2			
MATERIALS REQUIREMENTS(/Acre)									
Water, Pump			25.00 AI	11-52-00, Dry	192.00 Lb	Tri fluralin			
Alfalfa Sd, Cert			20.00 Lb	Oat Seed	15.00 Lb				
LABOR REQUIREMENTS(/Acre)									
Tractor			2.31 Hrs	Irrigators	0.81 Hrs				

* NOTE: P = Previous Year C = Current Year N = Next Year