

Table 4A. Income and Cash Operating Cost Summary, Alfalfa Stand Establish, 1996

COUNTY: Cochise FARM: Cochise County Farm WATER SOURCE: Ks NG TILLAGE: Conventional
 CROP: Alfalfa Hay ACRES: 1.0 IRRIGATION SYSTEM: Flood Basin SOIL: Sandy-Loam
 AREA: Kansas Settlement YIELD: 0.0 Tn/Acre PREVIOUS CROP: Wheat, Winter DATE: 09/23/96

Item	Unit	Quantity	Price /Unit	Budgeted /Acre	Total /Acre	Your Farm Budget
CASH LAND PREPARATION AND GROWING EXPENSES (including sales tax)						
Paid Labor (including benefits)					21.06	_____
Tractor/Self Propelled				12.20		_____
Irrigation				8.86		_____
Chemicals & Custom Applications					33.08	_____
Fertilizers				33.08		_____
Farm Machinery and Vehicles					14.55	_____
Diesel Fuel				6.33		_____
Repairs & Maint.				8.22		_____
Irrigation (excluding labor)					64.49	_____
Natural Gas/Pumping				55.30		_____
Repairs & Maint.				9.19		_____
Other Purchased Inputs & Services					50.40	_____
Seed/Transplants				50.40		_____
TOTAL CASH LAND PREPARATION AND GROWING EXPENSES					183.58	_____
CASH HARVEST AND POST HARVEST EXPENSES						
TOTAL HARVEST AND POST HARVEST EXPENSE					0.00	_____
OPERATING OVERHEAD->PICKUP USE					7.93	_____
OPERATING INTEREST AT 8.0%					2.63	_____
TOTAL CASH OPERATING EXPENSES					\$194.14	=====
RETURNS OVER CASH OPERATING EXPENSES					(\$194.14)	=====

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

Table 4C. Variable Operating Costs; Alfalfa Stand Establish, 1996

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No.	First Month	Operation	— Hours * —		Operating Costs (\$/Acre*)				Times	Tot. Cash Expense	Class	
			Machine	Labor	Fuel/Rps.	Labor	Cust/Ser.	Materials				Total
1	Aug	Apply Fert/Ground	0.075	0.083	0.61	0.70		33.08	34.39	1.0	34.39	G
2	Aug	Disk	0.129	0.143	1.80	1.20			3.00	1.0	3.00	L
3	Aug	Plow	0.360	0.400	4.65	3.36			8.01	1.0	8.01	L
4	Sep	Landplane	0.225	0.250	2.51	2.10			4.61	1.0	4.61	L
5	Sep	Make Borders	0.113	0.125	1.08	1.05			2.13	1.0	2.13	G
6	Sep	Plant	0.225	0.250	2.48	2.10		50.40	54.98	1.0	54.98	L
7	Sep	Irrigate		0.427	21.50	2.99			24.49	1.0	24.49	G
8	Sep	Pack Soil	0.180	0.200	1.41	1.68			3.09	1.0	3.09	L
9	Oct	Irrigate		0.279	14.33	1.96			16.29	3.0	48.87	G
		Pickup Use 30 Mi/Ac	1.000		7.93						7.93	O
		Operating Interest at 8.00%						3.53			3.53	O
TOTAL CASH OPERATING EXPENSES:					\$86.97	\$21.06	\$3.53	\$83.48			\$195.04	T

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

OPERATING COST SUMMARY BY CLASS	
Land Preparation (L)	\$73.70
Growing (G)	109.88
Harvest (H)	0.00
Post Harvest (P)	0.00
Marketing (M)	0.00
Operating Overhead (O)	11.46
Total (T)	\$195.04

Table 4D. Resource and Cash Flow Requirements; Alfalfa Stand Establish, 1996

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Month *	Number Irrig.	Water Applied (Inches)	Total Labor (Hrs)	Operating Cost (\$/Acre)						
				Purchased Water	Fuel, Oil & Repairs	Labor	Chemicals	Other Purchases	Services	Total
AUG C			0.62		7.07	5.26	33.08			45.41
SEP C	1.0	6.0	1.25		29.09	9.93		50.40		89.42
OCT C	2.0	8.0	0.55		28.66	3.91				32.57
NOV C	1.0	4.0	0.27		14.33	1.96				16.29
Pickup Use 30 Mi/Ac					7.93					7.93
Operating Interest at 8.0%									3.54	3.54
Total	4.0	18.0	2.71		87.08	21.06	33.08	50.40	3.54	195.16
%					44.61	10.79	16.95	25.82	1.81	100.00
TOTAL RESOURCES REQUIREMENTS (/Acre)			TOTAL ENERGY REQUIREMENTS (/Acre)							
Total N	22.0 lbs		Diesel Fuel		7.0	Gal				
Total P	104.0 lbs		Regular Gas		0.0	Gal				
Total K	0.0 lbs		NonLead Gas		3.0	Gal				
Total Labor	2.7 Hrs		Natural Gas/Pumping		145.5	Therms				
Total Water	18.0 AI		All Direct Energy		15.9	M BTU				
EQUIPMENT REQUIREMENTS (/Acre)										
Tractor, 100 PTO HP, MFWD	0.84 Hrs		Fertilizer Broadcaster, Towed		0.08 Hrs	Tractor, 125 PTO HP, MFWD	0.47 Hrs			
Offset Disk, 16.5'	0.13 Hrs		Moldboard Plow, 4-16 2 Way		0.36 Hrs	Landplane 12' X 45'	0.23 Hrs			
Laser Trailer	0.23 Hrs		Border Disk, 6' Disk		0.11 Hrs	Grain Drill, 12'	0.23 Hrs			
Cultipacker, 13'	0.18 Hrs		Pickup Truck, 1/2 Ton		1.00 Hrs					
MATERIALS REQUIREMENTS (/Acre)										
11-52-00, Dry	200.00 Lb		Alfalfa Sd, Cert		20.00 Lb	Oat Seed	30.00 Lb			
Water, Pump	18.00 AI									
LABOR REQUIREMENTS (/Acre)										
Tractor	1.45 Hrs		Irrigators		1.26 Hrs					

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

Table 4E Schedule of Operations; Alfalfa Stand Establish, 1996

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No.	First Month	Times	Operation	Equipment/Custom Oper.		Job Rate Acres/Hr	Material Name	Material Use & Cost		Service Cost \$/Unit	Labor Type
				HP	Self-Prop./Implem.			Appl. Rate	\$/Unit		
1	Aug	1.0	Apply Fert/Ground	100	Fertilizer Broadcaster,	12.00	11-52-00, Dry	200.00 Lb	315.00 Tn		Tractor
2	Aug	1.0	Disk	125	Offset Disk, 16.5'	7.00					Tractor
3	Aug	1.0	Plow	100	Moldboard Plow, 4-16 2	2.50					Tractor
4	Sep	1.0	Landplane	125	Landplane 12'X 45'	4.00					Tractor
5	Sep	1.0	Make Borders	125	Border Disk, 6' Disk	8.00					Tractor
6	Sep	1.0	Plant	100	Grain Drill, 12'	4.00	Alfalfa Sd, Cert	20.00 Lb	210.00 CW		Tractor
							Oat Seed	30.00 Lb	20.00 CW		
7	Sep	1.0	Irrigate			2.30	Water, Pump	6.00 AI	42.99 AF		Irrigator
8	Sep	1.0	Pack Soil	100	Cultipacker, 13'	5.00					Tractor
9	Oct	3.0	Irrigate			3.60	Water, Pump	4.00 AI	42.99 AF		Irrigator
			Pickup Use 30 Mi/Ac		Pickup Truck, 1/2 Ton	1.00					

* NOTE: Machine times, labor times, and material rates are for one time over the designated acreage.