

Table 10A. Income and Cash Operating Cost Summary, Alfalfa SE (Pivot), 1996

COUNTY: Cochise FARM: Cochise County Farm WATER SOURCE: StewNG TILLAGE: Conventional
 CROP: Alfalfa Hay ACRES: 1.0 IRRIGATION SYSTEM: Center Pivot w/ SOIL: Sandy
 AREA: Stewart 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)					14.79	_____
Tractor/Self Propelled				14.46		_____
Irrigation				0.33		_____
Chemicals & Custom Applications					49.61	_____
Fertilizers				49.61		_____
Farm Machinery and Vehicles					17.78	_____
Diesel Fuel				7.67		_____
Repairs & Maint.				10.11		_____
Irrigation (excluding labor)					26.17	_____
Pump Energy - Elect.				5.09		_____
Natural Gas/Pumping				16.31		_____
Repairs & Maint.				4.77		_____
Other Purchased Inputs & Services					50.40	_____
Seed/Transplants				50.40		_____
TOTAL CASH LAND PREPARATION AND GROWING EXPENSES					<u>158.75</u>	_____
CASH HARVEST AND POST HARVEST EXPENSES						
TOTAL HARVEST AND POST HARVEST EXPENSE					<u>0.00</u>	_____
OPERATING OVERHEAD->PICKUP USE					7.93	_____
OPERATING INTEREST AT 8.0%					3.08	_____
TOTAL CASH OPERATING EXPENSES					<u>\$169.77</u>	_____
RETURNS OVER CASH OPERATING EXPENSES					(\$169.77)	_____

Notes: The above figures do not include ownership costs, see Table 10B on Next Page for detailed cost allocation.

Table 10C. Variable Operating Costs; Alfalfa SE (Pivot), 1996

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No.	First Month	Operation	— Hours * —		Operating Costs (\$/Acre*)				Total	Times	Tot. Cash Expense	Class
			Machine	Labor	Fuel/Rps.	Labor	Cust/Ser.	Materials				
1	Aug	Apply Fert/Ground	0.075	0.083	0.61	0.70		49.61	50.92	1.0	50.92	G
2	Aug	Disk	0.129	0.143	1.80	1.20			3.00	2.0	6.01	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	2.0	9.22	L
5	Sep	Plant	0.225	0.250	2.48	2.10		50.40	54.98	1.0	54.98	L
6	Sep	Pack Soil	0.180	0.200	1.41	1.68			3.09	1.0	3.09	L
7	Sep	Irrigate/Center Pivot		0.002	1.34	0.01			1.35	16.3	21.94	G
8	Sep	Irrigate/Center Pivot		0.002	0.58	0.01			0.59	7.6	4.46	G
		Pickup Use 30 Mi/Ac	1.000		7.93						7.93	O
		Operating Interest at 8.00%						3.38			3.38	O
TOTAL CASH OPERATING EXPENSES:					\$51.87	\$14.68	\$3.38	\$100.01			\$169.94	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)	\$81.31
Growing (G)	77.31
Harvest (H)	0.00
Post Harvest (P)	0.00
Marketing (M)	0.00
Operating Overhead (O)	11.31
Total (T)	\$169.94

Table 10D. Resource and Cash Flow Requirements; Alfalfa SE (Pivot), 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			0.76		8.87	6.47	49.61			64.95
SEP C	11.0	2.9	0.97		20.19	8.14		50.40		78.73
OCT C	3.1	0.4	0.00		1.79	0.04				1.83
NOV C	6.5	2.2	0.01		8.68	0.09				8.77
DEC C	3.3	1.1	0.00		4.41	0.05				4.45
Pickup Use 30 Mi/Ac					7.93					7.93
Operating Interest at 8.0%									3.39	3.39
Total	23.9	6.8	1.76		51.87	14.79	49.61	50.40	3.39	170.06
%					30.50	8.69	29.17	29.63	1.99	100.00

TOTAL RESOURCES REQUIREMENTS (/Acre)		TOTAL ENERGY REQUIREMENTS (/Acre)	
Total N	33.0 lbs	Diesel Fuel	8.5 Gal
Total P	156.0 lbs	Regular Gas	0.0 Gal
Total K	0.0 lbs	NonLead Gas	3.0 Gal
Total Labor	1.7 Hrs	Electricity/Pumping	63.2 KWH
Total Water	6.8 AI	Natural Gas/Pumping	42.7 Therms
		All Direct Energy	6.0 M BTU

EQUIPMENT REQUIREMENTS (/Acre)			
Tractor, 100 PTO HP, MFWD	0.84 Hrs	Fertilizer Broadcaster, Towed	0.08 Hrs
Offset Disk, 16.5'	0.26 Hrs	Moldboard Plow, 4-16 2 Way	0.36 Hrs
Grain Drill, 12'	0.23 Hrs	Cultipacker, 13'	0.18 Hrs
		Tractor, 125 PTO HP, MFWD	0.71 Hrs
		Landplane 12'X 45'	0.45 Hrs
		Pickup Truck, 1/2 Ton	1.00 Hrs

MATERIALS REQUIREMENTS (/Acre)			
11-52-00, Dry	300.00 Lb	Alfalfa Sd, Cert	20.00 Lb
Water, Pump	6.85 AI	Oat Seed	30.00 Lb

LABOR REQUIREMENTS (/Acre)			
Tractor	1.72 Hrs	Irrigators	0.05 Hrs

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

Table 10E Schedule of Operations; Alfalfa SE (Pivot), 1996

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No.	First Month	Times	Operation	Equipment/Custom Oper.		Job Rate Acres/Hr	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	300.00 Lb	315.00 Tn		Tractor
2	Aug	2.0	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	2.0	Landplane	125	Landplane 12'X 45'	4.00					Tractor
5	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		
6	Sep	1.0	Pack Soil	100	Cultipacker, 13'	5.00					Tractor
7	Sep	16.3	Irrigate/Center Pivot			480.00	Water, Pump	0.35 AI	33.32 AF		Irrigator
8	Sep	7.6	Irrigate/Center Pivot			480.00	Water, Pump	0.15 AI	33.32 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.