COUNTY: CROP: AREA:	Cochise Alfalfa Hay Stewart	FARM: Coch ACRES: YIELD:	ise County Farm 1.0 0.0 Tn/Acre	IRR	ER SOURCE: [GATION SYSTEM: /IOUS CROP:	StewNG Center Pivot w/ Wheat, Winter		Conventional Sandy 09/23/96
It	em		Unit	Quantity	Price /Unit	Budgeted /Acre	Total /Acre	Your Farm Budget
CASH LA	ND PREPARATION AND	GROWING EXPENSE	S (including sal	.es tax)				_
Pai	d Labor (including						14.79	
	Tractor/Self P	ropelled				14.46		
	Irrigation					0.33		
Che	micals & Custom Ap	plications					49.61	
	<b>Fertilizers</b>					49.61		
Far	m Machinery and Ve	hicles					17.78	
	Diesel Fuel					7.67		
_	Repairs & Main					10.11		
Irr	igation (excluding						26.17	
	Pump Energy -					5.09		
	Natural Gas/Pu					16.31		
	Repairs & Main	τ.				4.77		
Oth	er Purchased Input	s & Services					50.40	
Och	Seed/Transplan					50.40	30.40	
	occu, rranopran					50.10		
		TOTAL CASH LAND	PREPARATION AND	GROWING EXPENS	SES		158.75	
CASH HA	RVEST AND POST HAR	VEST EXPENSES						
		TOTAL HARVEST AN	D POST HARVEST E	XPENSE			0.00	
	NG OVERHEAD->PICKU	P USE					7.93	
OPERATI	NG INTEREST AT 8	.0%					3.08	
		TOTAL CASH OPERA					\$169.77	
		RETURNS OVER C	ASH OPERATING EX	(PENSES		(	\$169.77)	

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

Wells & Irrig. System

240.49)

COUNTY: Cochise FARM: Cochise County Farm WATER SOURCE: StewNG TILLAGE: Conventional CROP: Alfalfa Hav ACRES: 1.0 IRRIGATION SYSTEM: Center Pivot w/ SOIL: Sandv AREA: Stewart YIELD: 0.0 Tn/Acre PREVIOUS CROP: Wheat, Winter DATE: 09/23/96 - TOTAL COST BASIS (\$/ACRE) -- CASH COST BASIS (\$/ACRE) -Income & Costs Net Returns Income & Costs Net Returns Item TOTAL INCOME at \$ 0.0000/Tn \$0.00 \$0.00 TOTAL OPERATING EXPENSES 169.76 169.76 RETURN OVER CASH OPERATING EXPENSES \$169.76) \$169.76) CASH OVERHEAD EXPENSES Taxes, Housing & Insur., Farm Machinery 2.05 2.05 2.32 2.32 Wells & Irrig. System Gen. & Off. Overhead (5% of Tot. Oper. Exp.) 8.48 8.48 General Farm Maint. ( 3% of Tot. Oper. Exp.) 5.09 5.09 17.94 17.94 Total Cash Overhead Expenses

Total Cash Oper. & Over. Cost RETURNS OVER CASH OPER. & OVER. EXPENSES. 187.71) 187.71) CAPITAL ALLOCATIONS (100% Equity) Capital Replacement, Machinery & Vehicles 11.13 Wells & Irrig. System 8.85 Interest on Equity, Machinery & Vehicles 4.53

187.71

31.31 Total Capital Allocations RETURNS TO LAND, CAPITAL, MANAGEMENT & RISK -187.71) RETURNS TO LAND, MANAGEMENT & RISK -219.02)

LAND COSTS / OWNERSHIP (100% Equity) Property Taxes (\$260 X 16% X .14112) 5.87 5.87 Opport. Inter. on Land (100% X 6.0% X \$260) 15.60 Total Land Costs 5.87 21.47 RETURNS TO MANAGEMENT, CAPITAL & RISK -193.58)

RETURNS TO MANAGEMENT & RISK -->( Management Services ( 8% of Tot. Oper. Exp.) 13.58 TOTAL OWNERSHIP COST 23.81 84.31 \_\_\_\_\_ \_\_\_\_\_

\$193.58 TOTAL COST \$254.08 RETURN TO MANAGEMENT, CAPITAL & RISK ----\$193.58) RETURN TO RISK (PROFITS) -----**->**( \$254.08)

187.71

6.80

Table 100: Variable operating occup, initiating bit (11000), 1300

COUNTY: Cochise FARM: Cochise County Farm WATER SOURCE: StewNG TILLAGE: Conventional 1.0 CROP: Alfalfa Hay ACRES: IRRIGATION SYSTEM: Center Pivot w/ SOIL: Sandy 0.0 Tn/Acre 09/23/96 AREA: YIELD: Stewart PREVIOUS CROP: Wheat, Winter DATE:

	First		- Hours	s * —		Operati	Tot. Cash					
No.	Month	Operation	Machine	Labor	Fuel/Rps.	Labor	Cust/Ser.	Materials	Total	Times	Expense	Class
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 i	4.65	3.36			8.01	1.0	8.01	L
4	Sep	Landplane	0.225	0.250 i	2.51	2.10			4.61	2.0	9.22	L
5	Sep	Plant	0.225	0.250 i	2.48	2.10		50.40	54.98	1.0	54.98	L
6	Sep	Pack Soil	0.180	0.200 i	1.41	1.68			3.09	1.0	3.09	L
7	Sep	Irrigate/Center Pivot		0.002 i	1.34	0.01			1.35	16.3	21.94	G
8	Sep	Irrigate/Center Pivot		0.002 i	0.58	0.01			0.59	7.6	4.46	G
	-	Pickup Use 30 Mi/Ac	1.000	·	7.93						7.93	0
		<u> </u>	3.00%				3.38				3.38	0
	TOTAL CASH OPERATING EXPENSES:				\$51.87	\$14.68	\$3.38	\$100.01			\$169.94	T

<sup>\*</sup> 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	ı
Land Preparation (L)	\$81.31	İ
Growing (G)	77.31	ı
Harvest (H)	0.00	١
Post Harvest (P)	0.00	١
Marketing (M)	0.00	١
Operating Overhead (O)	11.31	l
		ı
Total (T)	\$169.94	ı

ARIZONA COOPERATIVE EXTENSION

Department of Ag & Resource Economics

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COUNTY: CROP: AREA:	Cochise Alfalfa Stewart	Нау	FARM: Cod ACRES: YIELD:	chise	e County Farm 1.0 0.0 Tn/Acre		WATER SOU IRRIGATION PREVIOUS	N SYS	TEM:		Pivot w/ Winter	TILLAGE: SOIL: DATE:	Conventiona Sandy 09/23/96
		Water		1			Ope	ratin	g Cost	(\$/A	cre) —		
	Number	Applied	Total	i	Purchased	Fuel, Oil			,	- (17	Other		
Month *	Irrig.	(Inches)	Labor (Hrs)	I	Water	& Repairs	s Labo	r	Chemi	cals	Purchases	Servic	es Total
AUG C			0.76	1		8.87	6.4	7	49	61			64.9
SEP C	11.0	2.9	0.97	i		20.19	8.1	4			50.40		78.7
OCT C	3.1	0.4	0.00	Ĺ		1.79	0.0	4					1.8
NOV C	6.5	2.2	0.01	Ĺ		8.68	0.0	9					8.7
DEC C	3.3	1.1	0.00	Ĺ		4.41	0.0	5					4.4
Pickup 1	Use 30 1	Mi/Ac				7.93							7.9
Operation	ng Inter	est at 8.0	8									3.3	9 3.3
Total	23.9	6.8	1.76	1		51.87	14.7	9	49	61	50.40	3.3	9 170.0
%				Ì		30.50	8.6	9	29	17	29.63	1.9	9 100.0
TOTAL R	ESOURCES	REQUIREMENT	S(/Acre)	7	TOTAL ENERGY	REQUIREMENT	rs (/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	I				
Total	Water	6.8 AI			Natural Gas	/Pumping	42.7	The	rms				
					All Direct 1	Energy	6.0	M B	TU				
EQUIPME	NT REQUI	REMENTS (/Acr	e)										
Tract	or, 100	PTO HP, MFWD	0.84	Hrs	Fertilizer 1	Broadcastei	r, Towed	0.0	8 Hrs	Trac	tor, 125 PTO	HP, MFWD	0.71 Hr
Offse	t Disk, :	16.5'	0.26	Hrs	Moldboard Pi	low, 4-16 2	2 Way	0.3	6 Hrs	Land	plane 12'X 45	5'	0.45 Hr
Grain	Drill,	12'	0.23	Hrs	Cultipacker	, 13'	_	0.1	.8 Hrs	Pick	up Truck, 1/2	2 Ton	1.00 Hr
MATERIA	LS REQUI	REMENTS (/Acr	e)										
11-52	-00, Dry		300.00	_	Alfalfa Sd,	Cert		20.0	0 Lb	Oat	Seed		30.00 Lb
Water	, Pump		6.85	AI									
LABOR R	EQUIREME	NTS (/Acre)											
Tract	or		1.72	Hrs	Irrigators			0.0	5 Hrs				

<sup>\*</sup> NOTE: P = Previous Year C = Current Year N = Next Year

Table 10E Schedule of Operations; 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 First Equipment/Custom Oper. Job Rate - Material Use & Cost ---Service Cost Labor Self-Prop./Implem. No. Month Times Operation Acres/Hr Appl. Rate \$/Unit \$/Unit Name Type 1 Aug 1.0 Apply Fert/Ground 100 Fertilizer Broadcaster, 12.00 11-52-00, Dry 300.00 Lb 315.00 Tn Tractor Aug 2.0 Disk 125 Offset Disk, 16.5' 7.00 Tractor 3 1.0 Plow 100 Moldboard Plow, 4-16 2 2.50 Aug Tractor 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 5.00 6 Sep 1.0 Pack Soil 100 Cultipacker, 13' Tractor Sep 16.3 Irrigate/Center Pivot 480.00 Water, Pump 0.35 AI 33.32 AF Irrigator 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

ARIZONA COOPERATIVE EXTENSION
Department of Ag & Resource Economics
The University of Arizona F 8/33

Page 43

<sup>\*</sup> NOTE: Machine times, labor times, and material rates are for one time over the designated acreage.