COUNTY: CROP: AREA:	Cochise Alfalfa Hay w/Graze Kansas Settlement	FARM: Co ACRES: YIELD:	ochise Cou 1.0 5.1	nty Farm Tn/Acre	IRI	TER SOURCE: RIGATION SYSTEM: EVIOUS CROP:	Ks NG Flood Basin Alfalfa Hay	TILLAGE: SOIL: DATE:	Conventional Sandy-Loam 09/23/96
It	em		Ü	nit	Quantity	Price /Unit	Budgeted /Acre	Total /Acre	Your Farm Budget
INCOME	-> Alfalfa		1	l'on	5.10	\$82.0000	\$418.20	\$418.20	
Pai Far	ND PREPARATION AND GRO d Labor (including ber Irrigation m Machinery and Vehic igation (excluding lal Natural Gas/Pumpir Repairs & Maint.	nefits) les por)	SES (incl	uding sal	es tax)		33.39 208.90 34.73	33.39 0.00 243.63	
	TOTA	AL CASH LAN	ID PREPARA	TION AND	GROWING EXPEN	ISES		277.03	
	RVEST AND POST HARVES! d Labor (including bea Tractor/Self Prope Other/Contract	nefits)					13.04 9.36	22.39	
Far	m Machinery and Vehic Diesel Fuel Repairs & Maint.	les					9.36 10.72 22.77	33.49	
Oth	er Materials						22.77	16.90	
	TOTA	AL HARVEST	AND POST	HARVEST E	XPENSE			72.78	
	NG OVERHEAD->PICKUP US NG INTEREST AT 8.0%	SE						10.57 0.09	
		AL CASH OPE ETURNS OVER	_		PENSES			\$360.47 \$57.73	

Notes: The above figures do not include ownership costs, see Table 5B on Next Page for detailed cost allocation.

FARM: Cochise County Farm COUNTY: Cochise WATER SOURCE: Ks NG TILLAGE: Conventional CROP: Alfalfa Hay w/Graze AREA: Kansas Settlement Sandy-Loam 09/23/96 ACRES: 1.0 IRRIGATION SYSTEM: Flood Basin SOIL: 5.1 Tn/Acre Alfalfa Hav YIELD: PREVIOUS CROP: DATE:

AREA: Kansas Settle	ement YIELD: 5	5.1 Tn/Acre		PREVIOUS C	ROP: A	lfalfa Ha	y DATE:	0	9/23/96
Item				COST BASIS & Costs	(\$/ACRE) Net Return		- TOTAL COST E		(\$/ACRE) - et Returns
TOTAL INCOME at \$ 82 TOTAL OPERATING EXPEN RETURN OVER CASH			\$418 360	3.20).47	\$57.72		\$418.20 360.47		\$57.72
Gen. & Off. Overhea	ES nsur., Farm Machinery Wells & Irrig. Sys ad (5% of Tot. Oper. Exp . (3% of Tot. Oper. Exp.	p.)	18 18	5.04 3.57 3.02).81			5.04 18.57 18.02 10.81		
Total Cash Overhead	i Expenses	·	52	2.44		į Į	52.44		
Total Cash Oper. & RETURNS OVER CAS	Over. Cost SH OPER. & OVER. EXPENSES	5.	412	2.91	5.28		412.91		5.28
	<pre>c, Machinery & Vehicles Wells & Irrig. System Machinery & Vehicles Wells & Irrig. System</pre>		98	3.30		 	32.92 70.80 3.02 35.61 98.30		
Total Capital Alloc RETURNS TO LAND, RETURNS TO	cations . CAPITAL, MANAGEMENT & F LAND, MANAGEMENT & RISK	RISK ———		3.30	93.01)	240.65	> (235.36)
LAND COSTS / OWNERSHI Property Taxes (\$26 Opport. Inter. on I		D)	į	 5.87		- '	5.87 15.60		
Total Land Costs RETURNS TO MANAG RETURNS TO	GEMENT, CAPITAL & RISK — MANAGEMENT & RISK —		į	5.87 >(98.88)	21.47	—>(256.84)
Management Services	s (8% of Tot. Oper. Exp.	.)					28.83		
TOTAL OWNERSHIP COST			156	5.61			343.40		
TOTAL COST RETURN TO MANAGE RETURN TO R	EMENT, CAPITAL & RISK —— RISK (PROFITS) ————————————————————————————————————		\$517	7.08 	\$98.88		\$703.87	—> (\$285.67)
	COVER OPERATING COST (PER				\$70.68 \$30.70 \$101.38				\$70.68 \$67.33 \$138.01

Table 5C. Variable Operating Costs; Alfalfa Hay, 1996

FARM: Cochise County Farm TILLAGE: Conventional COUNTY: Cochise WATER SOURCE: Ks NG CROP: Alfalfa Hay w/Graze ACRES: 1.0 IRRIGATION SYSTEM: Flood Basin SOIL: Sandy-Loam 09/23/96 Kansas Settlement 5.1 Tn/Acre AREA: YIELD: PREVIOUS CROP: Alfalfa Hay DATE:

	First — Hour		— Hours * — — Operating Costs (\$/Acre*) —							Tot. Cash				
No.	Mont	h Operation	Machine	Labor	Fuel/Rps.	Labor	Cust/Ser.	Materials	Total	Times	Expense	Class		
1	Feb	Irrigate		0.279	14.33	1.96			16.29	11.0	179.19	G		
2	Jun	Irrigate		0.424	21.50	2.97			24.47	4.0	97.88	G		
3	May	Swathing	0.150	0.167 j	2.02	1.17			3.19	5.0	15.97	H		
4	May	Raking	0.150	0.167 j	1.26	1.40			2.66	5.0	13.32	H		
5	May	Baling	0.129	0.143	1.88	1.20		3.38	6.46	5.0	32.32	H		
6	May	Roadsiding	0.090	0.100 j	1.53	0.70			2.23	5.0	11.13	H		
	-	Pickup Use 40 Mi/Ac	1.330	·	10.57						10.57	0		
		Operating Interest at	8.00%				0.76				0.76	0		
		TOTAL CASH OPERATING EX	XPENSES:		\$287.69	\$55.79	\$0.76	\$16.90			\$361.14	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 Land Preparation (L) Growing (G)	CLASS \$0.00 277.07	 Prices ->	SENSITIVIT	Y OF NET REV -25%	VENUES OVER -10%	TOTAL CASH Budgeted	EXPENSES +10%	(\$/Acre) +25%	
Harvest (H) Post Harvest (P)	72.73 0.00	Yields		\$61.50	\$73.80	\$82.00	\$90.20	\$102.50	Break-even
Marketing (M) Operating Overhead (O)	0.00 11.33	 -25% -10%	3.8 4.5	-107.71 -71.58	-60.67 -15.12	-29.30 22.51	2.05 60.15	49.10 116.60	89.66 77.09
Total (T)	\$361.13	Budgeted +10%	5.1 5.6	-47.48 -23.39	15.24 45.60	57.06 91.60	98.88 137.60	161.61 206.61	70.81 65.67
	700=1=0	+25% Break-even	6.3 j	12.73 6.10	91.15 4.84	143.42 4.25	195.70 3.79	274.11 3.26	59.50

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COUNTY: CROP: AREA:	Alfalfa	Hay w/Graze ettlement	FARM: Cochis ACRES: YIELD:	e County Farm 1.0 5.1 Tn/Acre		WATER SOURCE IRRIGATION PREVIOUS CE	SYSTEM:	Ks NG Flood B Alfalfa		TILLAGE: SOIL: DATE:	San	ventional dy-Loam 23/96
_		Water	ı			— Opera	ating Cos	t (\$/Ac	re) ———			
	Number	Applied	Total i	Purchased	Fuel, Oi	1	, , , , ,	- (,,, -	Other			
Month *	Irrig.	(Inches)	Labor (Hrs)	Water	& Repair	s Labor	Chem	icals	Purchases	Servi	ces	Total
FEB C	1.0	4.0	0.27		14.33	1.96						16.29
MAR C	1.0	4.0	0.27 j		14.33	1.96						16.29
APR C	2.0	8.0	0.55 j		28.66	3.91						32.57
MAY C	2.0	8.0	1.13 j		35.36	8.39			3.38			47.13
JUN C	2.0	12.0	1.42 İ		49.70	10.42			3.38			63.50
JUL C	2.0	12.0	1.42 i		49.70	10.42			3.38			63.50
AUG C	2.0	8.0	1.13 i		35.36	8.39			3.38			47.13
SEP C	2.0	8.0	1.13		35.36	8.39			3.38			47.13
OCT C	1.0	4.0	0.27		14.33	1.96			0.00			16.29
	Jse 40 M				10.57							10.57
		st at 8.09	5							0	.76	0.76
									16.00			
Total	15.0	68.0	7.65		287.69	55.79			16.90		.76	361.14
8			ı		79.66	15.44			4.67	Ü	.21	100.00
TOTAL RE	ESOURCES	REQUIREMENTS	S(/Acre)	TOTAL ENERGY	REQUIREMEN'	TS(/Acre)						
Total	N	0.0 lbs	,	Diesel Fuel		11.9	Gal					
Total	P	0.0 lbs		Regular Gas		0.0	Gal					
Total	K	0.0 lbs		NonLead Gas		4.0	Gal					
Total	Labor	7.6 Hrs										
Total	Water	68.0 AI		Natural Gas	/Pumping	549.8	Therms					
				All Direct		57.1	M BTU					
EOUT PMEN	NT RECUITE	EMENTS (/Acre	۵)									
		0', HS, SC	0.75 Hrs	Tractor, 10	0 PTO HP 1	MFWD	1.40 Hrs	Rake	95'т.н			0.75 Hrs
	, 2 Wire			Bale Wagon,		11 ND			p Truck, 1/2	2 Ton		1.33 Hrs
		EMENTS (/Acre										
Water,	, Pump		68.00 AI	Baling Wire	(6500')		2.45 TF					
LABOR RE	EQUIREMEN'	TS(/Acre)										
Irriga	ators		4.77 Hrs	Harvest			1.34 Hrs	Tract	or			1.55 Hrs

^{*} NOTE: P = Previous Year C = Current Year N = Next Year

Table 5E Schedule of Operations; Alfalfa Hay, 1996 Page 18

COUNTY: Cochise FARM: Cochise County Farm WATER SOURCE: Ks NG TILLAGE: Conventional CROP: Alfalfa Hay w/Graze ACRES: 1.0 IRRIGATION SYSTEM: Flood Basin SOIL: Sandy-Loam AREA: Kansas Settlement YIELD: 5.1 Tn/Acre 09/23/96 PREVIOUS CROP: Alfalfa Hay DATE: First Equipment/Custom Oper. Job Rate — Material Use & Cost —— Service Cost Labor No. Month Times Operation Self-Prop./Implem. Acres/Hr Appl. Rate \$/Unit \$/Unit Name Type 1 Feb 4.00 AI 42.99 AF 11.0 Irrigate 3.60 Water, Pump Irrigator 2 Jun 4.0 Irrigate 2.40 Water, Pump 6.00 AI 42.99 AF Irrigator 3 May 5.0 Swathing Windrower, 14.0', HS, S 6.00 Harvest 5.0 Raking 100 Rake, 9.5' LH May 6.00 Tractor 100 Baler, 2 Wire Auto PTO 7.00 Baling Wire (6500 0.49 TF 5 May 5.0 Baling 6.57 TF Tractor

10.00

0.75

Bale Wagon, SP PRC

Pickup Truck, 1/2 Ton

6

May

5.0 Roadsiding

Pickup Use 40 Mi/Ac

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Harvest

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