

COUNTY: Yuma FARM: Yuma County Farm WATER SOURCE: YCWUA TILLAGE: Conventional
 CROP: Alfalfa Hay ACRES: 1.0 IRRIGATION SYSTEM: Flood Basin SOIL: Sandy-Loam
 AREA: Yuma Valley North YIELD: 0.0 Tn/Acre PREVIOUS CROP: Wheat, Winter DATE: 09/25/96

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)					42.34	_____
Tractor/Self Propelled				32.94		_____
Irrigation				9.40		_____
Chemicals & Custom Applications					73.04	_____
Fertilizers				68.25		_____
Herbicides				4.79		_____
Farm Machinery and Vehicles					31.96	_____
Diesel Fuel				16.34		_____
Repairs & Maint.				15.62		_____
Irrigation Water (excluding labor)					0.00	_____
Water Assessment (See Note Below) **					**	_____
Other Purchased Inputs & Services					55.13	_____
Seed/Transplants				55.13		_____
TOTAL CASH LAND PREPARATION AND GROWING EXPENSES					202.47	_____
CASH HARVEST AND POST HARVEST EXPENSES						
TOTAL HARVEST AND POST HARVEST EXPENSE					0.00	_____
OPERATING OVERHEAD->PICKUP USE					7.81	_____
OPERATING INTEREST AT 8.0%					4.56	_____
TOTAL CASH OPERATING EXPENSES					\$214.83	_____
RETURNS OVER CASH OPERATING EXPENSES					(\$214.83)	_____

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

** A water assessment charge of \$62.00/Acre is included in the ownership costs of Table 4B.

Table 4B. Allocation of Ownership Costs; Alfalfa Stand Establish, 1996

COUNTY: Yuma FARM: Yuma County Farm WATER SOURCE: YCWUA TILLAGE: Conventional
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Item	-- CASH COST BASIS (\$/ACRE) -		- TOTAL COST BASIS (\$/ACRE) -	
	Income & Costs	Net Returns	Income & Costs	Net Returns
TOTAL INCOME at \$ 0.0000/Tn	\$0.00		\$0.00	
TOTAL OPERATING EXPENSES	214.83		214.83	
RETURN OVER CASH OPERATING EXPENSES		(\$214.83)		(\$214.83)
CASH OVERHEAD EXPENSES				
Taxes, Housing & Insur., Farm Machinery	3.56		3.56	
Gen. & Off. Overhead (5% of Tot. Oper. Exp.)	10.74		10.74	
General Farm Maint. (3% of Tot. Oper. Exp.)	6.45		6.45	
Total Cash Overhead Expenses	20.75		20.75	
Total Cash Oper. & Over. Cost	235.58		235.58	
RETURNS OVER CASH OPER. & OVER. EXPENSES.		(235.58)		(235.58)
CAPITAL ALLOCATIONS (100% Equity)				
Capital Replacement, Machinery & Vehicles			17.97	
Interest on Equity, Machinery & Vehicles			9.87	
Total Capital Allocations			27.83	
RETURNS TO LAND, CAPITAL, MANAGEMENT & RISK ----->		(235.58)		(235.58)
RETURNS TO LAND, MANAGEMENT & RISK ----->				(263.42)
LAND COSTS / OWNERSHIP (100% Equity)				
Property Taxes (\$780 X 16% X .13076)	16.31		16.31	
Opport. Inter. on Land (100% X 6.0% X \$780)			46.80	
Water Assessment **	62.00		62.00	
Total Land Costs	78.31		125.11	
RETURNS TO MANAGEMENT, CAPITAL & RISK ----->		(313.90)		(313.90)
RETURNS TO MANAGEMENT & RISK ----->				(388.54)
Management Services (8% of Tot. Oper. Exp.)			17.18	
TOTAL OWNERSHIP COST	99.07		190.89	
TOTAL COST	\$313.90		\$405.73	
RETURNS TO MANAGEMENT, CAPITAL & RISK ----->		(\$313.90)		(\$313.90)
RETURNS TO RISK (PROFITS) ----->				(\$405.73)

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

COUNTY: Yuma FARM: Yuma County Farm WATER SOURCE: YCWUA TILLAGE: Conventional
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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	Chisel	0.450	0.500	5.82	4.20			10.02	1.0	10.02	L
2	Aug	Disk	0.225	0.250	2.28	2.10			4.38	2.0	8.77	L
3	Aug	Apply Fert/Ground	0.150	0.167	0.90	1.40		68.25	70.55	1.0	70.55	G
4	Aug	Laser Level	0.900	1.000	7.79	8.41			16.20	1.0	16.20	L
5	Sep	Make Borders	0.600	0.667	4.77	5.61			10.38	1.0	10.38	G
6	Sep	Preirrigate		0.270		1.89			1.89	1.0	1.89	G
7	Sep	Finish Level	0.450	0.500	3.67	4.20			7.87	1.0	7.87	L
8	Sep	Irrigate		0.267		1.87			1.87	3.0	5.61	G
9	Oct	Mulch	0.225	0.250	1.75	2.10			3.85	1.0	3.85	L
10	Oct	Plant	0.300	0.333	2.68	2.80		55.13	60.61	1.0	60.61	L
11	Oct	Irrigate/Run Herbicide		0.270		1.89		4.79	6.68	1.0	6.68	G
		Pickup Use 30 Mi/Ac	1.000		7.80				7.80		7.80	O
		Operating Interest at 8.00%					4.56		4.56		4.56	O
TOTAL CASH OPERATING EXPENSES:					\$39.76	\$42.31	\$4.56	\$128.17			\$214.80	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.
 A water assessment charge of \$62.00/Acre included as ownership cost in Table 4B.

OPERATING COST SUMMARY BY CLASS	
Land Preparation (L)	\$107.32
Growing (G)	95.11
Harvest (H)	0.00
Post Harvest (P)	0.00
Marketing (M)	0.00
Operating Overhead (O)	12.36

Total (T)	\$214.80

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			1.16		11.29	9.81	68.25			89.35
SEP C	2.0	10.0	3.28		20.67	26.89		55.13		102.69
OCT C	2.0	10.0	0.53			3.76	4.79			8.55
NOV C	1.0	5.0	0.26			1.87				1.87
Pickup Use 30 Mi/Ac					7.80					7.80
Operating Interest at 8.0%									4.56	4.56
Water Assessment				**						
Total	5.0	25.0	5.25		39.76	42.34	73.04	55.13	4.56	214.83
%					18.50	19.70	34.00	25.65	2.12	100.00

TOTAL RESOURCES REQUIREMENTS(/Acre)		TOTAL ENERGY REQUIREMENTS(/Acre)	
Total N	44.0 lbs	Diesel Fuel	17.5 Gal
Total P	192.0 lbs	Regular Gas	0.0 Gal
Total K	0.0 lbs	NonLead Gas	3.0 Gal
Total Labor	5.2 Hrs		
Total Water	25.0 AI	All Direct Energy	2.8 M BTU

EQUIPMENT REQUIREMENTS(/Acre)			
Tractor, 150 PTO HP, MFWD	0.45 Hrs	V-Ripper, 7 Shnk	0.45 Hrs Tractor, 100 PTO HP, MFWD 2.40 Hrs
Offset Disk, 12'	0.45 Hrs	Tractor, 70 PTO HP, MFWD	0.68 Hrs Fertilizer Broadcaster, Towed 0.15 Hrs
Drag Scraper, 10'	0.90 Hrs	Laser Receiver, Mast System	0.90 Hrs Laser Trailer 0.90 Hrs
Border Disk, Heavy Duty	0.60 Hrs	Blade Scraper, 10'	0.45 Hrs Spring Tooth Revovator, 16' 0.23 Hrs
Grain Drill, 12'	0.30 Hrs	Pickup Truck, 1/2 Ton	1.00 Hrs

MATERIALS REQUIREMENTS(/Acre)			
11-48-00, Dry	400.00 Lb	Water, District	25.00 AI Alfalfa sd, Cert 25.00 Lb
EPTC	1.40 Pt		

LABOR REQUIREMENTS(/Acre)			
Tractor	3.92 Hrs	Irrigators	1.34 Hrs

* NOTE: P = Previous Year C = Current Year N = Next Year
 ** A water assessment charge of \$62.00/Acre included as ownership cost in Table 4B.

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No.	Month	First Times	Operation	Equipment/Custom Oper. HP Self-Prop./Implem.	Job Rate Acres/Hr	Material Use & Cost Name	Appl. Rate	Service Cost \$/Unit	Labor \$/Unit	Labor Type
1	Aug	1.0	Chisel	150 V-Ripper, 7 Shnk	2.00					Tractor
2	Aug	2.0	Disk	100 Offset Disk, 12'	4.00					Tractor
3	Aug	1.0	Apply Fert/Ground	70 Fertilizer Broadcaster,	6.00	11-48-00, Dry	400.00 Lb	325.00 Tn		Tractor
4	Aug	1.0	Laser Level	100 Drag Scraper, 10' Laser Receiver, Mast Sy Laser Trailer	1.00					Tractor
5	Sep	1.0	Make Borders	100 Border Disk, Heavy Duty	1.50					Tractor
6	Sep	1.0	Preirrigate		3.70	Water, District	5.00 AI	0.00 AF		Irrigator
7	Sep	1.0	Finish Level	100 Blade Scraper, 10'	2.00					Tractor
8	Sep	3.0	Irrigate		3.70	Water, District	5.00 AI	0.00 AF		Irrigator
9	Oct	1.0	Mulch	70 Spring Tooth Revovator,	4.00					Tractor
10	Oct	1.0	Plant	70 Grain Drill, 12'	3.00	Alfalfa Sd, Cert	25.00 Lb	210.00 CW		Tractor
11	Oct	1.0	Irrigate/Run Herbicid		3.70	Water, District	5.00 AI	0.00 AF		Irrigator
			Pickup Use	30 Mi/Ac Pickup Truck, 1/2 Ton	1.00	EPTC	1.40 Pt	26.08 Ga		

* NOTE: Machine times, labor times, and material rates are for one time over the designated acreage.
 ** A water assessment charge of \$62.00/Acre included as ownership cost in Table 4B.