

Table 3A. Income and Cash Operating Summary; Alfalfa Stand Establish, 1998

COUNTY: La Paz FARM: LaPaz County 98 WATER SOURCE: CRIR Irrigation Project TILLAGE: Conventional
 CROP: Alfalfa Hay ACRES: 1.0 IRRIGATION SYSTEM: Flood Basin SOIL: Sandy-Loam
 AREA: Parker CRIR YIELD: 0.0 Tn / Acre PREVIOUS CROP: Wheat, Winter DATE: 2/22/99

Item	Unit	Quantity	Price/ Unit	Budgeted /Acre	Total /Acre	Your Farm Budget
INCOME	Hay	Ton	0.00	\$0.00	\$0.00	\$0.00
CASH LAND PREPARATION AND GROWING EXPENSES (including sales tax)						
Paid Labor (including benefits)					38.89	
Tractor/Self Propelled					27.34	
Irrigation					11.55	
Chemicals and Custom Applications					75.96	
Fertilizer					45.16	
Herbicide					30.80	
Farm Machinery and Vehicles					43.17	
Diesel Fuel					17.65	
Repairs and Maintenance					25.52	
Irrigation Water (excluding labor)					0.00	
Water Assessment (See Note Below) **						
Other Purchased Inputs &					109.75	
Seed/Transplants					66.25	
Other Services and Rentals					43.50	
TOTAL CASH LAND PREPARATION AND GROWING EXPENSES					267.77	
CASH HARVEST AND POST HARVEST EXPENSES						
TOTAL HARVEST AND POST HARVEST EXPENSE					0.00	
OPERATING OVERHEAD PICKUP USE					7.69	
OPERATING INTEREST AT 10.0%					6.54	
TOTAL CASH OPERATING EXPENSES					\$281.99	
RETURNS OVER CASH OPERATING EXPENSES					(\$281.99)	

Notes: The above figures do not include ownership costs, see table B for detailed cost allocation.

** A water assessment charge of \$34.50 per Acre is included as an ownership cost in Table B.

Table 3B. Allocations of Ownership Costs; Alfalfa Stand Establish, 1998

COUNTY: La Paz FARM: LaPaz County 98 WATER SOURCE: CRIR Irrigation Project TILLAGE: Conventional
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Item	-- CASH COST BASIS (\$/ACRE) --		-- TOTAL COST BASIS (\$/ACRE) --	
	Income and Costs	Net Returns	Income and Costs	Net Returns
TOTAL INCOME at \$0.00 / Tn	\$0.00		\$0.00	
TOTAL OPERATING EXPENSES	\$281.99		\$281.99	
RETURN OVER CASH OPERATING EXPENSES		(\$281.99)		(\$281.99)
CASH OVERHEAD EXPENSES				
Taxes, Housing and Insurance, Farm Machinery	4.92		4.92	
General and Office Overhead (5.0% of Total Operating Exp.)	14.10		14.10	
General Farm Maintenance (3.0% of Total Operating Exp.)	8.46		8.46	
Total Cash Overhead Expenses	27.48		27.48	
Total Cash Operating and Overhead Cost	309.47		309.47	
RETURNS OVER CASH OPER. AND OVER. EXPENSES		(\$309.47)		(\$309.47)
CAPITAL ALLOCATIONS (100% Equity)				
Capital Replacement, Machinery and Vehicles			25.83	
Interest on Equity, Machinery and Vehicles			9.26	
Total Capital Allocations			35.08	
RETURNS TO LAND, CAPITAL, MANAGEMENT AND RISK ----->		(\$309.47)		
RETURNS TO LAND, MANAGEMENT AND RISK ----->				(\$344.56)
Land Cost / Rent or Lease	150.00		150.00	
Water Assessment	34.50		34.50	
Total Land Costs	184.50		184.50	
RETURNS TO CAPITAL, MANAGEMENT AND RISK ----->		(\$493.97)		
RETURNS TO MANAGEMENT AND RISK ----->				(\$529.06)
Management Services (8% of Total Operation Expenses)			22.56	
TOTAL OWNERSHIP COST	211.98		269.63	
TOTAL COST	\$493.97		\$551.62	
RETURNS TO CAPITAL, MANAGEMENT AND RISK ----->		(\$493.97)		
RETURNS TO RISK (PROFITS) ----->				(\$551.62)
BREAK-EVEN PRICE TO COVER OPERATING COST (PER Lb)				
BREAK-EVEN PRICE TO COVER OWNERSHIP COST				
BREAK-EVEN PRICE TO COVER TOTAL COST				

Table 3C. Variable Operating Costs; Alfalfa Stand Establish, 1998

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No.	First Month	Operation	---- Hours * ----		---- Operating Costs (\$/ACRE *) Per Operation ----					Tot. Cash Expenses	Class	
			Machine	Labor	Fuel/Rps.	Labor	Cust/Serv.	Materials	Total			Times
1	Aug	Disk	0.180	0.200	2.84	1.69			4.53	3.0	13.60	L
2	Aug	Rip	0.600	0.667	10.96	5.65			16.62	2.0	33.23	L
3	Aug	Laser Level					40.50		40.50	1.0	40.50	L
4	Aug	Make Borders	0.180	0.200	1.36	1.69			3.05	1.0	3.05	G
5	Aug	Preirrigate		0.500		3.54			3.54	1.0	3.54	G
6	Aug	Landplane	0.225	0.250	3.51	2.12			5.63	1.0	5.63	L
7	Aug	Soil Fertility					3.00		3.00	1.0	3.00	G
8	Aug	Apply Fert/Ground	0.180	0.200	1.40	1.69		45.16	48.25	1.0	48.25	G
9	Sep	Apply Herbicide/Ground	0.150	0.167	1.94	1.42		30.80	34.15	1.0	34.15	G
10	Sep	Irrigate		0.333		2.35			2.35	1.0	2.35	G
11	Sep	Rerun Borders	0.022	0.025	0.16	0.21			0.37	1.0	0.37	G
12	Oct	Mulch	0.225	0.250	2.19	2.12			4.31	1.0	4.31	L
13	Oct	Plant	0.180	0.200	2.17	1.69		66.25	70.12	1.0	70.12	L
14	Oct	Irrigate		0.267		1.89			1.89	3.0	5.66	G
		Pickup Use30 Mi/Acre	1.000		7.69						7.69	
		Operating Interest at 10.0					6.54				6.54	
TOTAL CASH OPERATING EXPENSES (includes all times over):											281.99	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 \$34.50 per Acre is included as an ownership cost in Table B.

OPERATING COST SUMMARY BY CLASS

Land Preparation (L)	167.38
Growing (G)	100.38
Harvest (H)	0.00
Post Harvest (P)	0.00
Marketing (M)	0.00
Operating Overhead (O)	14.22
Total (T)	\$281.99

Table 3D. Resource and Cash Flow Requirements; Alfalfa Stand Establish, 1998

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Month *	Number Irrigations	Water Applied (inches)	Total Labor (Hrs)	Operating Costs (\$/ACRE *)							
				Purchased Water	Fuel, Oil and Repairs	Labor	Chemicals	Other Purchases	Services	Total	
AUG C	1.0	6.0	3.08		36.71	25.43	45.16			43.50	150.80
SEP C	1.0	4.0	0.97		6.46	7.80	30.80	66.25			111.30
OCT C	2.0	10.0	0.53			3.78					3.78
NOV C	1.0	5.0	0.27			1.89					1.89
Pickup Use30 Mi/Acre					7.69						7.69
Operating Interest at 10.0 Water Assessment				**					6.54		6.54
Total	5.0	25.0	4.86		50.86	38.89	75.96	66.25		50.04	281.99
%					18.03	13.79	26.94	23.49		17.74	100.00

TOTAL RESOURCE REQUIREMENTS (per Acre)	TOTAL ENERGY REQUIREMENTS (per Acre)
Total N 33.0	Diesel Fuel 21.6 Gal
Total P 156.0	Unleaded Gas 3.0 Gal
Total K 0.0	All Direct Energy 3.4 M BTU
Total Labor 4.9	
Total Water 25.0	

EQUIPMENT REQUIREMENTS (per Acre)	
Blade Scraper, 10' 0.18 Hr	Border Disk, 6' Disk 0.02 Hr
Fertilizer Broadcaster, 0.18 Hr	Fertilizer Spreader, 28' 0.15 Hr
Landplane 14'X 60' 0.22 Hr	Pickup Truck, 1/2 Ton 1.00 Hr
Subsoiler, Heavy Duty, 7 1.20 Hr	Tandem Disk, 12' 0.22 Hr
Tractor, 150 PTO HP, 0.76 Hr	Tractor, 175 PTO HP 1.20 Hr
	Dbl. Offset Disk, 16' 0.54 Hr
	Grain Drill, 14' 0.18 Hr
	Section Harrow, 3 Section 0.22 Hr
	Tractor, 100 PTO HP, 0.94 Hr

MATERIALS REQUIREMENT (per Acre)	
11-52-00, Dry 300.00 Lb	Alfalfa Sd, Cert 25.00 Lb
Water, District 25.00 AI	Benefin 3.20 Pt

LABOR REQUIREMENT (per Acre)	
Irrigators 1.63 Hr	Tractor 3.23 Hr

*NOTE: P = Previous Year C = Current Year N = Next Year
 ** A water assessment charge of \$34.50 per Acre is included as an ownership cost in Table B.

Table 3E. Schedule of Operations; Alfalfa Stand Establish, 1998

COUNTY: La Paz FARM: LaPaz County 98 WATER SOURCE: CRIR Irrigation Project TILLAGE: Conventional
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First No.	Month	Times	Operation	Equipment/ Custom Oper		Job Rate Acres/Hr	Material Use and Cost				Service Cost \$ / Unit	Labor Type
				HP	Self-Prop./ Implement		Name	Appl. Rate	\$ / Unit			
1	Aug	3.0	Disk	150	Dbl. Offset Disk, 16'	5.00						Tractor
2	Aug	2.0	Rip	175	Subsoiler, Heavy Duty, 7'	1.50						Tractor
3	Aug	1.0	Laser Level		CST Laser Level, Touchup						40.50 Ac	
4	Aug	1.0	Make Borders	100	Blade Scraper, 10'	5.00						Tractor
5	Aug	1.0	Preirrigate	2.00	Water, District	4.00	6.00	AI	0.00	AF		Irrigators
6	Aug	1.0	Landplane	150	Landplane 14'X 60'	4.00						Tractor
7	Aug	1.0	Soil Fertility		CST Soil Analysis (Surface)						3.00 Ac	
8	Aug	1.0	Apply Fert/Ground	100	Fertilizer Broadcaster,	5.00	11-52-00, Dry	300.00	Lb	284.00	Tn	Tractor
9	Sep	1.0	Apply Herbicide/Ground	100	Fertilizer Spreader, 28'	6.00	Benefin	3.20	Pt	9.08	Ga	Tractor
10	Sep	1.0	Irrigate	3.00	Water, District	3.00		4.00	AI	0.00	AF	Irrigators
11	Sep	1.0	Rerun Borders	100	Border Disk, 6' Disk	40.00						Tractor
12	Oct	1.0	Mulch	100	Section Harrow, 3 Section Tandem Disk, 12'	4.00						Tractor
13	Oct	1.0	Plant	100	Grain Drill, 14'	5.00	Alfalfa Sd, Cert	25.00	Lb	250.00	CW	Tractor
14	Oct	3.0	Irrigate	5.00	Water, District	3.70		5.00	AI	0.00	AF	Irrigators
			Pickup use 30 Mi/Ac		Pickup Truck, 1/2 Ton	1.00						

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