

Table 2.A Estimated costs and returns per Acre
 Alfalfa Establishment, Irrigated
 2002 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME				-----	
TOTAL INCOME				0.00	_____
DIRECT EXPENSES					
custom					
insec. appl.	acre	3.50	1.0000	3.50	_____
fert. application	acre	3.50	1.0000	3.50	_____
insecticide					
insect. - alfalfa 1	acre	4.00	1.0000	4.00	_____
seed					
seed - alfalfa	lb.	2.75	20.0000	55.00	_____
fertilizer					
nitrogen - 18-46-0	lb.	0.15	40.0000	6.00	_____
fertilizer (P)	lb.	0.14	80.0000	11.20	_____
potash (K)	lb.	0.12	40.0000	4.80	_____
sulfur	lb.	0.20	12.0000	2.40	_____
OPERATOR LABOR					
Implements	hour	8.50	0.4482	3.81	_____
Tractors	hour	8.50	0.4089	3.47	_____
IRRIGATION LABOR					
irrigation	hour	8.50	0.5120	4.35	_____
DIESEL FUEL					
Tractors	gal	0.82	1.7256	1.41	_____
ELECTRICITY					
irrigation	kWh	0.08	131.2000	10.49	_____
GASOLINE					
Self-Propelled Eq.	gal	1.13	2.8140	3.17	_____
REPAIR & MAINTENANCE					
Implements	Acre	3.01	1.0000	3.01	_____
Tractors	Acre	2.49	1.0000	2.49	_____
Self-Propelled Eq.	Acre	0.15	1.0000	0.15	_____
irrigation	ac/in	2.03	8.0000	16.24	_____
INTEREST ON OP. CAP.	Acre	4.17	1.0000	4.17	_____
TOTAL DIRECT EXPENSES				143.20	_____
RETURNS ABOVE DIRECT EXPENSES				-143.20	_____
FIXED EXPENSES					
Implements	Acre	5.70	1.0000	5.70	_____
Tractors	Acre	4.07	1.0000	4.07	_____
Self-Propelled Eq.	Acre	0.26	1.0000	0.26	_____
irrigation	Acre	33.60	1.0000	33.60	_____
TOTAL FIXED EXPENSES				43.63	_____
TOTAL SPECIFIED EXPENSES				186.84	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-186.84	_____
ALLOCATED COST ITEMS					
cash rent - alf irr.	acre	50.00	1.0000	50.00	_____
RESIDUAL RETURNS				-236.84	_____

Projections for Planning Purposes Only.

Table 2.B Estimated resource use and costs for field operations, per Acre
 Alfalfa Establishment, Irrigated
 2002 Projected Costs and Returns per Acre

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF TIMES			TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
insect. - alfalfa 1	acre			1.00	Jun							1.0000	4.00	4.00	4.00
insec. appl.	acre											1.0000	3.50	3.50	3.50
Chisel - 25 Feet	25 Feet	125	0.091	1.00	Jul	1.25	1.35	0.52	1.35	0.201	1.71				6.19
Disc-Tandem (21 ft)	21 feet	100	0.105	1.00	Aug	1.11	1.15	1.08	1.74	0.231	1.96				7.06
irrigation	ac/in			1.00	Aug			13.36	33.60	0.256	2.17	4.0000			49.14
nitrogen - 18-46-0	lb.			1.00	Sep							40.0000	0.15	6.00	6.00
fertilizer (P)	lb.											80.0000	0.14	11.20	11.20
fert. application	acre											1.0000	3.50	3.50	3.50
potash (K)	lb.											40.0000	0.12	4.80	4.80
sulfur	lb.											12.0000	0.20	2.40	2.40
Drill - Grain	13.5 feet	40	0.212	1.00	Sep	1.53	1.56	1.41	2.60	0.424	3.60				10.73
seed - alfalfa	lb.											20.0000	2.75	55.00	55.00
Pick-up Truck	3/4 ton		0.006	28.00	Sep			3.32	0.26						3.59
irrigation	ac/in			1.00	Oct			13.36		0.256	2.17	4.0000			15.54
TOTALS						3.90	4.07	33.08	39.56	1.369	11.63			90.40	182.67
INTEREST ON OPERATING CAPITAL															4.17
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															186.84

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