

Table 4.A Estimated costs and returns per Acre
 Alfalfa, Irrigated
 2002 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
hay - alfalfa	ton	90.00	2.0000	180.00	_____
hay - alfalfa	ton	90.00	2.0000	180.00	_____
hay - alfalfa	ton	90.00	2.5000	225.00	_____

TOTAL INCOME				585.00	_____
DIRECT EXPENSES					
custom					
fert. application	acre	3.50	1.0000	3.50	_____
insec. appl.	acre	3.50	2.0000	7.00	_____
custom baling - alf	ton	21.25	6.5000	138.12	_____
insecticide					
insect. - alfalfa 1	acre	4.00	1.0000	4.00	_____
insect. - alfalfa 2	acre	7.40	1.0000	7.40	_____
fertilizer					
fertilizer (P)	lb.	0.14	50.0000	7.00	_____
fertilizer (N)	lb.	0.15	30.0000	4.50	_____
sulfur	lb.	0.20	12.0000	2.40	_____
IRRIGATION LABOR					
irrigation	hour	8.50	0.9600	8.16	_____
ELECTRICITY					
irrigation	kWh	0.08	246.0000	19.68	_____
GASOLINE					
Self-Propelled Eq.	gal	1.13	2.0100	2.27	_____
REPAIR & MAINTENANCE					
Self-Propelled Eq.	Acre	0.10	1.0000	0.10	_____
irrigation	ac/in	2.03	15.0000	30.45	_____
INTEREST ON OP. CAP.	Acre	4.85	1.0000	4.85	_____

TOTAL DIRECT EXPENSES				239.44	_____
RETURNS ABOVE DIRECT EXPENSES				345.55	_____
FIXED EXPENSES					
Self-Propelled Eq.	Acre	0.18	1.0000	0.18	_____
irrigation	Acre	33.60	1.0000	33.60	_____

TOTAL FIXED EXPENSES				33.78	_____

TOTAL SPECIFIED EXPENSES				273.23	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				311.76	_____
ALLOCATED COST ITEMS					
cash rent - alf irr.	acre	50.00	1.0000	50.00	_____
RESIDUAL RETURNS				261.76	_____
perennial - alf irr	acre	58.31	1.0000	58.31	_____
RESIDUAL RETURNS				203.45	_____

Projections for Planning Purposes Only.

Table 4.B Estimated resource use and costs for field operations, per Acre
 Alfalfa, Irrigated
 2002 Projected Costs and Returns per Acre

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
fertilizer (P)	lb.			1.00	Apr							50.0000	0.14	7.00	7.00
fertilizer (N)	lb.											30.0000	0.15	4.50	4.50
sulfur	lb.											12.0000	0.20	2.40	2.40
fert. application	acre											1.0000	3.50	3.50	3.50
irrigation	ac/in			1.00	Apr			10.02	33.60	0.192	1.63	3.0000			45.25
insect. - alfalfa 1	acre			1.00	May							1.0000	4.00	4.00	4.00
insec. appl.	acre											1.0000	3.50	3.50	3.50
irrigation	ac/in			1.00	May			10.02		0.192	1.63	3.0000			11.65
Pick-up Truck	3/4 ton		0.006	20.00	May			2.37	0.18						2.56
irrigation	ac/in			1.00	Jun			10.02		0.192	1.63	3.0000			11.65
custom baling - alf	ton			1.00	Jul							2.0000	21.25	42.50	42.50
irrigation	ac/in			1.00	Jul					0.192	1.63	3.0000			11.65
insect. - alfalfa 2	acre			1.00	Jul							1.0000	7.40	7.40	7.40
insec. appl.	acre											1.0000	3.50	3.50	3.50
custom baling - alf	ton			1.00	Aug							2.0000	21.25	42.50	42.50
irrigation	ac/in			1.00	Aug			10.02		0.192	1.63	3.0000			11.65
custom baling - alf	ton			1.00	Sep							2.5000	21.25	53.12	53.12
TOTALS							0.00	0.00	52.50	33.78	0.960	8.16		173.92	268.38
INTEREST ON OPERATING CAPITAL															4.85
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															273.23

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