

*Projections for Planning Purposes Only*  
*Not to be Used without Updating after October 15, 2003*

Table 4.A Estimated costs and returns per Acre  
 Alfalfa, Irrigated  
 2004 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
hay - alfalfa	ton	110.00	2.0000	220.00	_____
hay - alfalfa	ton	110.00	2.0000	220.00	_____
hay - alfalfa	ton	110.00	2.5000	275.00	_____
				-----	
TOTAL INCOME				715.00	_____
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	20.00	6.5000	130.00	_____
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.	0.11	30.0000	3.45	_____
sulfur	lb.	0.18	12.0000	2.16	_____
OPERATOR LABOR					
Self-Propelled Eq.	hour	9.00	0.1340	1.20	_____
IRRIGATION LABOR					
irrigation	hour	9.00	0.9600	8.64	_____
ELECTRICITY					
irrigation	kWh	0.08	246.0000	19.68	_____
GASOLINE					
Self-Propelled Eq.	gal	1.10	2.0100	2.21	_____
REPAIR & MAINTENANCE					
Self-Propelled Eq.	Acre	0.16	1.0000	0.16	_____
irrigation	ac/in	2.03	15.0000	30.45	_____
INTEREST ON OP. CAP.	Acre	4.18	1.0000	4.18	_____
				-----	
TOTAL DIRECT EXPENSES				231.04	_____
RETURNS ABOVE DIRECT EXPENSES				483.95	_____
FIXED EXPENSES					
Self-Propelled Eq.	Acre	0.34	1.0000	0.34	_____
irrigation	Acre	33.60	1.0000	33.60	_____
				-----	
TOTAL FIXED EXPENSES				33.94	_____
				-----	
TOTAL SPECIFIED EXPENSES				264.99	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				450.00	_____
ALLOCATED COST ITEMS					
cash rent - alf irr.	acre	50.00	1.0000	50.00	_____
RESIDUAL RETURNS					
perennial - alf irr	acre	58.31	1.0000	58.31	_____
RESIDUAL RETURNS				341.69	_____

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Table 4.B Estimated resource use and costs for field operations, per Acre  
Alfalfa, Irrigated  
2004 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	0.11	3.45	3.45	
sulfur	lb.											12.0000	0.18	2.16	2.16	
fert. application	acre											1.0000	3.50	3.50	3.50	
irrigation	ac/in			1.00	Apr			10.02	33.60	0.192	1.72	3.0000			45.35	
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	1.72	3.0000			11.75	
Pick-up Truck	3/4 ton		0.006	20.00	May			2.37	0.34	0.134	1.20				3.92	
irrigation	ac/in			1.00	Jun			10.02		0.192	1.72	3.0000			11.75	
custom baling - alf	ton			1.00	Jul							2.0000	20.00	40.00	40.00	
irrigation	ac/in			1.00	Jul			10.02		0.192	1.72	3.0000			11.75	
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	20.00	40.00	40.00	
irrigation	ac/in			1.00	Aug			10.02		0.192	1.72	3.0000			11.75	
custom baling - alf	ton			1.00	Sep							2.5000	20.00	50.00	50.00	
TOTALS								0.00	0.00	52.50	33.94	1.094	9.84		164.51	260.80
INTEREST ON OPERATING CAPITAL																4.18
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																264.99

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