

Table 2.A Estimated costs and returns per Acre  
 Alfalfa, Sprinkler Irrigated, (Natural Gas)  
 2003 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
hay - alfalfa	ton	112.50	5.5000	618.75	_____
				-----	
TOTAL INCOME				618.75	_____
DIRECT EXPENSES					
FERTILIZER					
fert (P) - liquid	lb.	0.32	100.0000	32.30	_____
CUSTOM					
fert application	acre	3.30	1.0000	3.30	_____
insec appl - alfalfa	appl	13.75	1.0000	13.75	_____
herb+appl - alfalfa	acre	18.05	1.0000	18.05	_____
custom baling -round	ton	22.00	5.5000	121.00	_____
IRRIGATION LABOR					
irrig.-CP(nat. gas)	hour	8.00	1.5360	12.28	_____
GASOLINE					
Self-Propelled Eq.	gal	1.45	2.0100	2.91	_____
NATURAL GAS					
irrig.-CP(nat. gas)	Mcf	3.92	24.0000	94.08	_____
REPAIR & MAINTENANCE					
Self-Propelled Eq.	Acre	0.16	1.0000	0.16	_____
irrig.-CP(nat. gas)	ac-in	2.03	24.0000	48.72	_____
INTEREST ON OP. CAP.	Acre	6.88	1.0000	6.88	_____
				-----	
TOTAL DIRECT EXPENSES				353.45	_____
RETURNS ABOVE DIRECT EXPENSES				265.29	_____
FIXED EXPENSES					
Self-Propelled Eq.	Acre	0.26	1.0000	0.26	_____
irrig.-CP(nat. gas)	Acre	33.60	1.0000	33.60	_____
				-----	
TOTAL FIXED EXPENSES				33.86	_____
				-----	
TOTAL SPECIFIED EXPENSES				387.32	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				231.42	_____
ALLOCATED COST ITEMS					
cash rent - alfalfa	acre	75.00	1.0000	75.00	_____
RESIDUAL RETURNS				156.42	_____
perennial crop	acre	49.89	1.0000	49.89	_____
RESIDUAL RETURNS				106.53	_____

Projections for Planning Purposes Only.

Table 2.B Estimated resource use and costs for field operations, per Acre  
 Alfalfa, Sprinkler Irrigated, (Natural Gas)  
 2003 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-----			
fert application	acre			1.00	Mar							1.0000	3.30	3.30	3.30
fert(P) - liquid	lb.											100.0000	0.32	32.30	32.30
irrig.-CP(nat. gas)	ac-in			1.00	Mar			17.85	33.60	0.192	1.53	3.0000			52.98
Pickup Truck	3/4 ton		0.006	20.00	Mar			3.07	0.26						3.34
irrig.-CP(nat. gas)	ac-in			1.00	Apr			17.85		0.192	1.53	3.0000			19.38
irrig.-CP(nat. gas)	ac-in			1.00	May			26.77		0.288	2.30	4.5000			29.07
insec appl - alfalfa	appl			1.00	May							1.0000	13.75	13.75	13.75
herb+appl - alfalfa	acre											1.0000	18.05	18.05	18.05
irrig.-CP(nat. gas)	ac-in			1.00	Jun			26.77		0.288	2.30	4.5000			29.07
irrig.-CP(nat. gas)	ac-in			1.00	Jul			26.77		0.288	2.30	4.5000			29.07
irrig.-CP(nat. gas)	ac-in			1.00	Aug			26.77		0.288	2.30	4.5000			29.07
custom baling -round	ton			1.00	Sep							5.5000	22.00	121.00	121.00
TOTALS						0.00	0.00	145.87	33.86	1.536	12.28			188.40	380.43
INTEREST ON OPERATING CAPITAL															6.88
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															387.32

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