

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

Table 2.A Estimated costs and returns per Acre  
Alfalfa, Sprinkler Irrigated, (Natural Gas)  
2004 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>INCOME</b>					
hay - alfalfa	ton	105.00	5.5000	577.50	_____
				-----	
TOTAL INCOME				577.50	_____
<b>DIRECT EXPENSES</b>					
<b>FERTILIZER</b>					
fert(P) - liquid	lb.	0.34	100.0000	34.70	_____
<b>CUSTOM</b>					
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	_____
<b>IRRIGATION LABOR</b>					
irrig.-CP(nat. gas)	hour	8.00	1.5360	12.28	_____
<b>GASOLINE</b>					
Self-Propelled Eq.	gal	1.47	2.0100	2.95	_____
<b>NATURAL GAS</b>					
irrig.-CP(nat. gas)	Mcf	5.35	24.0000	128.40	_____
<b>REPAIR &amp; MAINTENANCE</b>					
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	6.86	1.0000	6.86	_____
				-----	
TOTAL DIRECT EXPENSES				390.19	_____
RETURNS ABOVE DIRECT EXPENSES				187.30	_____
<b>FIXED EXPENSES</b>					
Self-Propelled Eq.	Acre	0.25	1.0000	0.25	_____
irrig.-CP(nat. gas)	Acre	33.60	1.0000	33.60	_____
				-----	
TOTAL FIXED EXPENSES				33.85	_____
				-----	
TOTAL SPECIFIED EXPENSES				424.04	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				153.45	_____
<b>ALLOCATED COST ITEMS</b>					
cash rent - alfalfa	acre	75.00	1.0000	75.00	_____
<b>RESIDUAL RETURNS</b>					
perennial crop	acre	49.89	1.0000	49.89	_____
RESIDUAL RETURNS				28.56	_____

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Table 2.B Estimated resource use and costs for field operations, per Acre  
Alfalfa, Sprinkler Irrigated, (Natural Gas)  
2004 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-----				
fert application	acre		1.00		Mar							1.0000	3.30	3.30	3.30	
fert(P) - liquid	lb.											100.0000	0.34	34.70	34.70	
irrig.-CP(nat. gas)	ac-in		1.00		Mar			22.14	33.60	0.192	1.53	3.0000			57.27	
Pickup Truck	3/4 ton		0.006	20.00	Mar			3.11	0.25						3.37	
irrig.-CP(nat. gas)	ac-in		1.00		Apr			22.14		0.192	1.53	3.0000			23.67	
irrig.-CP(nat. gas)	ac-in		1.00		May			33.21		0.288	2.30	4.5000			35.51	
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			33.21		0.288	2.30	4.5000			35.51	
irrig.-CP(nat. gas)	ac-in		1.00		Jul			33.21		0.288	2.30	4.5000			35.51	
irrig.-CP(nat. gas)	ac-in		1.00		Aug			33.21		0.288	2.30	4.5000			35.51	
custom baling -round	ton		1.00		Sep							5.5000	22.00	121.00	121.00	
<b>TOTALS</b>								0.00	0.00	180.23	33.85	1.536	12.28		190.80	417.18
INTEREST ON OPERATING CAPITAL																6.86
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																424.04

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*Information presented is prepared solely as a general guide and is not intended to recognize or predict the costs and returns from any one particular farm or ranch operation.  
These projections were collected and developed by staff members of Texas Cooperative Extension and approved for publication*