

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

Table 1.A Estimated costs and returns per Acre
Alfalfa Establishment, Sprinkler Irrig. (Natural Gas)
2004 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME				-----	
TOTAL INCOME				0.00	_____
DIRECT EXPENSES					
SEED					
seed - alfalfa	lb.	2.75	18.0000	49.50	_____
HERBICIDE					
herb&appl-alfalfa	acre	18.05	1.0000	18.05	_____
FERTILIZER					
fert(N) - alfalfa	lb.	0.26	20.0000	5.32	_____
fert(P) - dry	lb.	0.23	80.0000	19.12	_____
CUSTOM					
fert application	acre	3.30	1.0000	3.30	_____
OPERATOR LABOR					
Implements	hour	8.00	0.7110	5.68	_____
Tractors	hour	8.00	0.8046	6.43	_____
HAND LABOR					
Implements	hour	8.00	0.2121	1.69	_____
IRRIGATION LABOR					
irrig.-CP(nat. gas)	hour	8.00	0.5120	4.09	_____
DIESEL FUEL					
Tractors	gal	1.06	3.0917	3.27	_____
GASOLINE					
Self-Propelled Eq.	gal	1.47	2.0100	2.95	_____
NATURAL GAS					
irrig.-CP(nat. gas)	Mcf	5.35	8.0000	42.80	_____
REPAIR & MAINTENANCE					
Implements	Acre	6.76	1.0000	6.76	_____
Tractors	Acre	7.65	1.0000	7.65	_____
Self-Propelled Eq.	Acre	0.16	1.0000	0.16	_____
irrig.-CP(nat. gas)	ac-in	2.03	8.0000	16.24	_____
INTEREST ON OP. CAP.	Acre	1.26	1.0000	1.26	_____
TOTAL DIRECT EXPENSES				194.33	_____
RETURNS ABOVE DIRECT EXPENSES				-194.33	_____
FIXED EXPENSES					
Implements	Acre	10.35	1.0000	10.35	_____
Tractors	Acre	10.96	1.0000	10.96	_____
Self-Propelled Eq.	Acre	0.25	1.0000	0.25	_____
irrig.-CP(nat. gas)	Acre	33.60	1.0000	33.60	_____
TOTAL FIXED EXPENSES				55.17	_____
TOTAL SPECIFIED EXPENSES				249.51	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-249.51	_____
ALLOCATED COST ITEMS					
cash rent - alfalfa	acre	75.00	1.0000	75.00	_____
RESIDUAL RETURNS				-324.51	_____

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Table 1.B Estimated resource use and costs for field operations, per Acre
Alfalfa Establishment, Sprinkler Irrig. (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-----				
chisel		125	0.099	1.00	Jul	2.29	2.47	0.69	1.15	0.219	1.75					8.36
disc	offset	100	0.078	1.00	Aug	1.50	1.64	1.54	2.25	0.173	1.38					8.33
disc	tandem	100	0.138	1.00	Aug	2.63	2.87	1.52	2.23	0.303	2.42					11.69
fert application	acre			1.00	Aug							1.0000	3.30	3.30		3.30
fert(N) - alfalfa	lb.											20.0000	0.26	5.32		5.32
fert(P) - dry	lb.											80.0000	0.23	19.12		19.12
packer		40	0.276	1.00	Aug	2.55	2.24	1.49	2.19	0.607	4.85					13.34
grain drill		40	0.212	1.00	Aug	1.95	1.72	1.50	2.51	0.424	3.39					11.09
seed - alfalfa	lb.											18.0000	2.75	49.50		49.50
irrig.-CP(nat. gas)	ac-in			1.00	Sep			14.76	33.60	0.128	1.02	2.0000				49.38
irrig.-CP(nat. gas)	ac-in			1.00	Sep			14.76		0.128	1.02	2.0000				15.78
Pickup Truck	3/4 ton		0.006	20.00	Oct			3.11	0.25							3.37
herb&appl-alfalfa	acre			1.00	Oct							1.0000	18.05	18.05		18.05
irrig.-CP(nat. gas)	ac-in			1.00	Nov			29.52		0.256	2.04	4.0000				31.56
TOTALS						10.93	10.96	68.92	44.20	2.239	17.91			95.29		248.24
INTEREST ON OPERATING CAPITAL																1.26
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																249.51

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