

*Projections for Planning Purposes Only  
Not to be Used without Updating after January 1, 2010*

B-1241 (C2)

Table 1.A Estimated costs and returns per Acre  
Alfalfa Establishment, Pivot Irrigated, Fall Seeding Only  
2010 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.	3.25	18.0000	58.50	_____
HERBICIDE					
herb&appl-alfalfa	acre	28.50	1.0000	28.50	_____
FERTILIZER					
fert. (P)	lb.	0.40	80.0000	32.00	_____
CUSTOM					
fert application	acre	4.50	1.0000	4.50	_____
OPERATOR LABOR					
Implements	hour	10.00	0.7110	7.11	_____
Tractors	hour	10.00	0.8046	8.04	_____
HAND LABOR					
Implements	hour	10.00	0.2121	2.12	_____
IRRIGATION LABOR					
Center Pivot	hour	10.00	0.3840	3.84	_____
DIESEL FUEL					
Tractors	gal	2.20	3.0917	6.80	_____
GASOLINE					
Self-Propelled Eq.	gal	2.40	2.0100	4.82	_____
IRRIGATION FUEL COST					
Center Pivot	ac-in	8.00	6.0000	48.00	_____
REPAIR & MAINTENANCE					
Implements	Acre	6.76	1.0000	6.76	_____
Tractors	Acre	8.38	1.0000	8.38	_____
Self-Propelled Eq.	Acre	0.16	1.0000	0.16	_____
Center Pivot	ac-in	2.03	6.0000	12.18	_____
INTEREST ON OP. CAP.	Acre	1.58	1.0000	1.58	_____
TOTAL DIRECT EXPENSES				----- 233.32	_____
RETURNS ABOVE DIRECT EXPENSES				-233.32	_____
FIXED EXPENSES					
Implements	Acre	10.77	1.0000	10.77	_____
Tractors	Acre	12.66	1.0000	12.66	_____
Self-Propelled Eq.	Acre	0.27	1.0000	0.27	_____
Center Pivot	Acre	33.60	1.0000	33.60	_____
TOTAL FIXED EXPENSES				----- 57.30	_____
TOTAL SPECIFIED EXPENSES				----- 290.63	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-290.63	_____
ALLOCATED COST ITEMS					
cash rent - alfalfa	acre	100.00	1.0000	100.00	_____
RESIDUAL RETURNS				-390.63	_____

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Table 1.B Estimated resource use and costs for field operations, per Acre  
 Alfalfa Establishment, Pivot Irrigated, Fall Seeding Only  
 2010 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	3.11	2.72	0.69	1.20	0.219	2.19					9.92
disc	offset	100	0.078	1.00	Aug	2.06	1.87	1.54	2.34	0.173	1.73					9.56
disc	tandem	100	0.138	1.00	Aug	3.62	3.27	1.52	2.32	0.303	3.03					13.78
fert application	acre			1.00	Aug							1.0000	4.50	4.50		4.50
fert. (P)	lb.											80.0000	0.40	32.00		32.00
packer		40	0.276	1.00	Aug	3.61	2.70	1.49	2.28	0.607	6.07					16.17
grain drill		40	0.212	1.00	Aug	2.77	2.08	1.50	2.61	0.424	4.24					13.21
seed - alfalfa	lb.											18.0000	3.25	58.50		58.50
Center Pivot	ac-in			1.00	Sep			20.06	33.60	0.128	1.28	2.0000				54.94
Center Pivot	ac-in			1.00	Sep			20.06		0.128	1.28	2.0000				21.34
Pickup Truck	3/4 ton		0.006	20.00	Oct			4.98	0.27							5.25
herb&appl-alfalfa	acre			1.00	Oct							1.0000	28.50	28.50		28.50
Center Pivot	ac-in			1.00	Nov			20.06		0.128	1.28	2.0000				21.34
TOTALS						15.19	12.66	71.93	44.64	2.111	21.11			123.50		289.04
INTEREST ON OPERATING CAPITAL																1.58
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																290.63

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