

*Projections for Planning Purposes Only  
Not to be Used without Updating after January 1, 2009*

B-1241 (C3)

Table 1.A Estimated costs and returns per Acre  
Alfalfa Establishment, Dryland  
2009 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME				-----	
TOTAL INCOME				0.00	_____
DIRECT EXPENSES					
custom					
insec. appl.	acre	3.50	1.0000	3.50	_____
insecticide					
insect. - alfalfa 1	acre	4.00	1.0000	4.00	_____
seed					
seed - alfalfa	lb.	2.75	20.0000	55.00	_____
fertilizer					
fertilizer (N)	lb.	0.42	40.0000	16.80	_____
fertilizer (P)	lb.	0.54	80.0000	43.20	_____
potash (K)	lb.	0.43	40.0000	17.20	_____
sulfur	lb.	0.12	12.0000	1.44	_____
OPERATOR LABOR					
Implements	hour	9.10	0.5743	5.22	_____
Tractors	hour	9.10	0.5140	4.67	_____
Self-Propelled Eq.	hour	9.10	0.1876	1.70	_____
DIESEL FUEL					
Tractors	gal	2.30	3.4386	7.90	_____
GASOLINE					
Self-Propelled Eq.	gal	1.60	2.8140	4.50	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.71	1.0000	4.71	_____
Tractors	Acre	4.43	1.0000	4.43	_____
Self-Propelled Eq.	Acre	0.30	1.0000	0.30	_____
INTEREST ON OP. CAP.	Acre	5.59	1.0000	5.59	_____
TOTAL DIRECT EXPENSES				180.21	_____
RETURNS ABOVE DIRECT EXPENSES				-180.21	_____
FIXED EXPENSES					
Implements	Acre	8.92	1.0000	8.92	_____
Tractors	Acre	9.83	1.0000	9.83	_____
Self-Propelled Eq.	Acre	0.75	1.0000	0.75	_____
TOTAL FIXED EXPENSES				19.50	_____
TOTAL SPECIFIED EXPENSES				199.71	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-199.71	_____
ALLOCATED COST ITEMS					
cash rent - alfalfa	acre	25.00	1.0000	25.00	_____
RESIDUAL RETURNS				-224.71	_____

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Table 1.B Estimated resource use and costs for field operations, per Acre  
 Alfalfa Establishment, Dryland  
 2009 Projected Costs and Returns per Acre

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF TIMES RATE OVER MTH			TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
insect. - alfalfa 1	acre			1.00	Mar							1.0000	4.00	4.00	4.00
insec. appl.	acre											1.0000	3.50	3.50	3.50
Chisel - 25 Feet	25 Feet	125	0.091	1.00	Jun	2.19	1.75	0.60	1.61	0.201	1.83				8.00
Disc-Tandem (21 ft)	21 feet	125	0.105	1.00	Jul	2.52	2.01	1.24	2.08	0.231	2.10				9.97
Disc-Tandem (21 ft)	21 feet	125	0.105	1.00	Aug	2.52	2.01	1.24	2.08	0.231	2.10				9.97
fertilizer (N)	lb.			1.00	Sep							40.0000	0.42	16.80	16.80
fertilizer (P)	lb.											80.0000	0.54	43.20	43.20
potash (K)	lb.											40.0000	0.43	17.20	17.20
sulfur	lb.											12.0000	0.12	1.44	1.44
Drill - Grain	13.5 feet	125	0.212	1.00	Sep	5.09	4.05	1.62	3.12	0.424	3.86				17.76
seed - alfalfa	lb.											20.0000	2.75	55.00	55.00
Pick-up Truck	3/4 ton		0.006	28.00	Sep			4.80	0.75	0.187	1.70				7.26
TOTALS						12.34	9.83	9.51	9.67	1.275	11.61			141.14	194.11
INTEREST ON OPERATING CAPITAL															5.59
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															199.71

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