

*Projections for Planning Purposes Only  
Not to be Used without Updating after January 1, 2011*

B-1241 (C3)

Table 3.A Estimated costs and returns per Acre  
Alfalfa, Dryland  
2011 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
hay - alfalfa	ton	135.00	1.2500	168.75	_____
hay - alfalfa	ton	135.00	1.0000	135.00	_____
hay - alfalfa	ton	135.00	1.0000	135.00	_____
				-----	
TOTAL INCOME				438.75	_____
DIRECT EXPENSES					
custom					
fert. application	acre	4.50	1.0000	4.50	_____
herb. application	acre	4.50	1.5000	6.75	_____
insec. appl.	acre	4.50	2.0000	9.00	_____
custom baling - alf	ton	26.70	3.2500	86.77	_____
herbicide					
herb. - alf. valpar	pint	8.49	2.0000	16.98	_____
herb. - Butyrac	pint	4.38	2.0000	8.76	_____
insecticide					
insect. - alfalfa 1	acre	4.00	2.0000	8.00	_____
insect. - alfalfa 2	acre	7.40	1.0000	7.40	_____
fertilizer					
fertilizer (N)	lb.	0.52	20.0000	10.40	_____
fertilizer (P)	lb.	0.58	50.0000	29.00	_____
sulfur	lb.	0.30	12.0000	3.60	_____
OPERATOR LABOR					
Self-Propelled Eq.	hour	10.00	0.1172	1.17	_____
GASOLINE					
Self-Propelled Eq.	gal	2.70	1.7587	4.74	_____
REPAIR & MAINTENANCE					
Self-Propelled Eq.	Acre	0.18	1.0000	0.18	_____
INTEREST ON OP. CAP.	Acre	4.86	1.0000	4.86	_____
				-----	
TOTAL DIRECT EXPENSES				202.13	_____
RETURNS ABOVE DIRECT EXPENSES				236.61	_____
FIXED EXPENSES					
Self-Propelled Eq.	Acre	0.39	1.0000	0.39	_____
				-----	
TOTAL FIXED EXPENSES				0.39	_____
				-----	
TOTAL SPECIFIED EXPENSES				202.53	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				236.21	_____
ALLOCATED COST ITEMS					
cash rent - alfalfa	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				206.21	_____
perennial - alf dry	acre	62.05	1.0000	62.05	_____
RESIDUAL RETURNS				144.16	_____

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Table 3.B Estimated resource use and costs for field operations, per Acre  
 Alfalfa, Dryland  
 2011 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-----				
fertilizer (N)	lb.		1.00	Feb								20.0000	0.52	10.40	10.40	
fertilizer (P)	lb.											50.0000	0.58	29.00	29.00	
fert. application	acre											1.0000	4.50	4.50	4.50	
sulfur	lb.											12.0000	0.30	3.60	3.60	
herb. - alf. valpar	pint		1.00	Mar								2.0000	8.49	16.98	16.98	
herb. application	acre											1.0000	4.50	4.50	4.50	
insect. - alfalfa 1	acre											1.0000	4.00	4.00	4.00	
insec. appl.	acre											1.0000	4.50	4.50	4.50	
insect. - alfalfa 1	acre		1.00	Apr								1.0000	4.00	4.00	4.00	
insec. appl.	acre											0.5000	4.50	2.25	2.25	
herb. - Butyrac	pint		1.00	May								2.0000	4.38	8.76	8.76	
herb. application	acre											0.5000	4.50	2.25	2.25	
Pick-up Truck	3/4 ton		0.006	17.50	May			4.93	0.39	0.117	1.17				6.50	
custom baling - alf	ton			1.00	Jun							1.2500	26.70	33.37	33.37	
custom baling - alf	ton			1.00	Jul							1.0000	26.70	26.70	26.70	
insect. - alfalfa 2	acre		1.00	Aug								1.0000	7.40	7.40	7.40	
insec. appl.	acre											0.5000	4.50	2.25	2.25	
custom baling - alf	ton		1.00	Sep								1.0000	26.70	26.70	26.70	
TOTALS							0.00	0.00	4.93	0.39	0.117	1.17			191.16	197.66
INTEREST ON OPERATING CAPITAL																4.86
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																202.53

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