

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

B-1241 (C3)

Table 4.A Estimated costs and returns per Acre
Alfalfa, Irrigated
2009 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
hay - alfalfa	ton	180.00	2.0000	360.00	_____
hay - alfalfa	ton	180.00	2.0000	360.00	_____
hay - alfalfa	ton	180.00	2.5000	450.00	_____

TOTAL INCOME				1170.00	_____
DIRECT EXPENSES					
custom					
herb. application	acre	3.50	2.0000	7.00	_____
insec. appl.	acre	3.50	3.0000	10.50	_____
fert. application	acre	3.50	1.0000	3.50	_____
custom baling - alf	ton	25.00	6.5000	162.50	_____
herbicide					
herb. - alf. valpar	acre	6.87	1.0000	6.87	_____
herb. - Butyrac	pint	3.80	2.0000	7.60	_____
insecticide					
insect. - alfalfa 1	acre	4.00	2.0000	8.00	_____
insect. - alfalfa 2	acre	7.40	1.0000	7.40	_____
fertilizer					
fertilizer (P)	lb.	0.54	50.0000	27.00	_____
fertilizer (N)	lb.	0.42	30.0000	12.60	_____
sulfur	lb.	0.12	12.0000	1.44	_____
OPERATOR LABOR					
Self-Propelled Eq.	hour	9.10	0.1340	1.21	_____
IRRIGATION LABOR					
irrigation	hour	9.10	0.9600	8.73	_____
ELECTRICITY					
irrigation	kWh	0.12	246.0000	29.52	_____
GASOLINE					
Self-Propelled Eq.	gal	1.60	2.0100	3.21	_____
REPAIR & MAINTENANCE					
Self-Propelled Eq.	Acre	0.21	1.0000	0.21	_____
irrigation	ac/in	2.33	15.0000	34.95	_____
INTEREST ON OP. CAP.	Acre	8.53	1.0000	8.53	_____

TOTAL DIRECT EXPENSES				340.79	_____
RETURNS ABOVE DIRECT EXPENSES				829.20	_____
FIXED EXPENSES					
Self-Propelled Eq.	Acre	0.53	1.0000	0.53	_____
irrigation	Acre	38.64	1.0000	38.64	_____

TOTAL FIXED EXPENSES				39.17	_____

TOTAL SPECIFIED EXPENSES				379.97	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				790.02	_____
ALLOCATED COST ITEMS					
cash rent - alf irr.	acre	50.00	1.0000	50.00	_____
RESIDUAL RETURNS				740.02	_____
perennial - alf irr	acre	58.31	1.0000	58.31	_____
RESIDUAL RETURNS				681.71	_____

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Table 4.B Estimated resource use and costs for field operations, per Acre
 Alfalfa, Irrigated
 2009 Projected Costs and Returns per Acre

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
herb. - alf. valpar	acre			1.00	Mar							1.0000	6.87	6.87	6.87	
herb. application	acre											1.0000	3.50	3.50	3.50	
insect. - alfalfa 1	acre			1.00	Apr							1.0000	4.00	4.00	4.00	
insec. appl.	acre											1.0000	3.50	3.50	3.50	
fertilizer (P)	lb.			1.00	Apr							50.0000	0.54	27.00	27.00	
fertilizer (N)	lb.											30.0000	0.42	12.60	12.60	
sulfur	lb.											12.0000	0.12	1.44	1.44	
fert. application	acre											1.0000	3.50	3.50	3.50	
irrigation	ac/in			1.00	Apr			12.89	38.64	0.192	1.74	3.0000			53.28	
insect. - alfalfa 1	acre			1.00	May							1.0000	4.00	4.00	4.00	
insec. appl.	acre											1.0000	3.50	3.50	3.50	
herb. - Butyrac	pint											2.0000	3.80	7.60	7.60	
herb. application	acre											1.0000	3.50	3.50	3.50	
irrigation	ac/in			1.00	May			12.89		0.192	1.74	3.0000			14.64	
Pick-up Truck	3/4 ton		0.006	20.00	May			3.43	0.53	0.134	1.21				5.18	
irrigation	ac/in			1.00	Jun			12.89		0.192	1.74	3.0000			14.64	
custom baling - alf	ton			1.00	Jul							2.0000	25.00	50.00	50.00	
irrigation	ac/in			1.00	Jul			12.89		0.192	1.74	3.0000			14.64	
insect. - alfalfa 2	acre			1.00	Jul							1.0000	7.40	7.40	7.40	
insec. appl.	acre											1.0000	3.50	3.50	3.50	
custom baling - alf	ton			1.00	Aug							2.0000	25.00	50.00	50.00	
irrigation	ac/in			1.00	Aug			12.89		0.192	1.74	3.0000			14.64	
custom baling - alf	ton			1.00	Sep							2.5000	25.00	62.50	62.50	
TOTALS								0.00	0.00	67.90	39.17	1.094	9.95		254.41	371.44
INTEREST ON OPERATING CAPITAL																8.53
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																379.97

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