

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

B-1241 (C3)

Table 2.A Estimated costs and returns per Acre
Alfalfa Establishment, Irrigated
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	_____
IRRIGATION LABOR					
irrigation	hour	9.10	0.5120	4.65	_____
DIESEL FUEL					
Tractors	gal	2.30	3.4386	7.90	_____
ELECTRICITY					
irrigation	kWh	0.12	131.2000	15.74	_____
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	_____
irrigation	ac/in	2.33	8.0000	18.64	_____
INTEREST ON OP. CAP.	Acre	7.32	1.0000	7.32	_____
TOTAL DIRECT EXPENSES				220.97	_____
RETURNS ABOVE DIRECT EXPENSES				-220.97	_____
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	_____
irrigation	Acre	38.64	1.0000	38.64	_____
TOTAL FIXED EXPENSES				58.14	_____
TOTAL SPECIFIED EXPENSES				279.12	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-279.12	_____
ALLOCATED COST ITEMS					
cash rent - alf irr.	acre	50.00	1.0000	50.00	_____
RESIDUAL RETURNS				-329.12	_____

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Table 2.B Estimated resource use and costs for field operations, per Acre
 Alfalfa Establishment, 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-----			
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
fertilizer (N)	lb.			1.00	Aug							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
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
irrigation	ac/in			1.00	Sep				17.19	38.64	0.256	2.32	4.0000		58.16
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
irrigation	ac/in			1.00	Oct				17.19		0.256	2.32	4.0000		19.52
TOTALS						12.34	9.83	43.90	48.31	1.787	16.27			141.14	271.80
INTEREST ON OPERATING CAPITAL															7.32
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															279.12

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