

*Projections for Planning Purposes Only  
Not to be Used without Updating after November 1, 2012*

B-1241 (C3)

Table 2.A Estimated costs and returns per Acre  
Alfalfa Establishment, Irrigated  
2013 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
TOTAL INCOME				----- 0.00	_____
DIRECT EXPENSES					
custom					
herb. application	acre	4.50	1.0000	4.50	_____
herbicide					
herb. - roundup	pint	2.35	2.0000	4.70	_____
seed					
seed - alfalfa	lb.	3.80	20.0000	76.00	_____
fertilizer					
fertilizer (N)	lb.	0.60	40.0000	24.00	_____
fertilizer (P)	lb.	0.64	80.0000	51.20	_____
potash (K)	lb.	0.50	40.0000	20.00	_____
sulfur	lb.	0.37	12.0000	4.44	_____
OPERATOR LABOR					
Implements	hour	10.00	0.5743	5.74	_____
Tractors	hour	10.00	0.5140	5.14	_____
Self-Propelled Eq.	hour	10.00	0.1876	1.87	_____
IRRIGATION LABOR					
irrigation	hour	10.00	0.5120	5.12	_____
DIESEL FUEL					
Tractors	gal	3.38	3.4386	11.62	_____
ELECTRICITY					
irrigation	kWh	0.11	131.2000	15.08	_____
GASOLINE					
Self-Propelled Eq.	gal	3.20	2.8140	9.00	_____
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	6.21	1.0000	6.21	_____
TOTAL DIRECT EXPENSES				----- 272.73	_____
RETURNS ABOVE DIRECT EXPENSES				-272.73	_____
FIXED EXPENSES					
Implements	Acre	7.76	1.0000	7.76	_____
Tractors	Acre	7.68	1.0000	7.68	_____
Self-Propelled Eq.	Acre	0.62	1.0000	0.62	_____
irrigation	Acre	38.64	1.0000	38.64	_____
TOTAL FIXED EXPENSES				----- 54.71	_____
TOTAL SPECIFIED EXPENSES				----- 327.44	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-327.44	_____
ALLOCATED COST ITEMS					
cash rent - alf irr.	acre	75.00	1.0000	75.00	_____
RESIDUAL RETURNS				-402.44	_____

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*Information presented is prepared solely as a general guide & not intended to recognize or predict the costs & returns from any one operation.  
Developed by Texas AgriLife Extension Service.*

Table 2.B Estimated resource use and costs for field operations, per Acre  
 Alfalfa Establishment, Irrigated  
 2013 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-----			
herb. - roundup	pint			1.00	Mar							2.0000	2.35	4.70	4.70
herb. application	acre											1.0000	4.50	4.50	4.50
Chisel - 25 Feet	25 Feet	125	0.091	1.00	Jun	2.86	1.36	0.60	1.40	0.201	2.01				8.25
Disc-Tandem (21 ft)	21 feet	125	0.105	1.00	Jul	3.28	1.57	1.24	1.81	0.231	2.31				10.22
fertilizer (N)	lb.			1.00	Aug							40.0000	0.60	24.00	24.00
fertilizer (P)	lb.											80.0000	0.64	51.20	51.20
potash (K)	lb.											40.0000	0.50	20.00	20.00
sulfur	lb.											12.0000	0.37	4.44	4.44
Disc-Tandem (21 ft)	21 feet	125	0.105	1.00	Aug	3.28	1.57	1.24	1.81	0.231	2.31				10.22
irrigation	ac/in			1.00	Sep			16.86	38.64	0.256	2.56	4.0000			58.06
Drill - Grain	13.5 feet	125	0.212	1.00	Sep	6.62	3.17	1.62	2.72	0.424	4.24				18.39
seed - alfalfa	lb.											20.0000	3.80	76.00	76.00
Pick-up Truck	3/4 ton		0.006	28.00	Sep			9.30	0.62	0.187	1.87				11.80
irrigation	ac/in			1.00	Oct			16.86		0.256	2.56	4.0000			19.42
TOTALS						16.05	7.68	47.75	47.02	1.787	17.87			184.84	321.23
INTEREST ON OPERATING CAPITAL															6.21
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															327.44

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