

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

B-1241 (C6)

Table 22.D Estimated costs and returns per acre  
Alfalfa Establishment  
Center Pivot Irrigated, Far West Texas, 2012

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
				-----	
TOTAL INCOME				0.00	_____
DIRECT EXPENSES					
FERTILIZERS					
Phosphate 0-46-0	lb	0.55	80.0000	44.00	_____
HERBICIDES					
Glyphosate	pt	2.10	2.0000	4.20	_____
SEED/PLANTS					
Alfalfa Seed Inocul	lb	3.50	32.0000	112.00	_____
CUSTOM HIRE					
Custom Apply Fert	acre	4.00	1.0000	4.00	_____
Operator Labor					
Tractors	hour	12.00	0.2525	3.03	_____
Self-Propelled	hour	12.00	0.0141	0.17	_____
Irrigation Labor					
Trans-Pecos Pivot NG	hour	11.00	0.0175	0.20	_____
Hand Labor					
Implements	hour	10.00	0.0942	0.94	_____
Self-Propelled	hour	10.00	0.0070	0.07	_____
DIESEL FUEL					
Tractors	gal	3.30	2.3732	7.83	_____
Self-Propelled	gal	3.30	0.1451	0.48	_____
GASOLINE					
Pickup	gal	3.15	1.6080	5.07	_____
NATURAL GAS					
Trans-Pecos Pivot NG	Mcf	6.40	3.0433	19.48	_____
REPAIR & MAINTENANCE					
Implements	acre	1.79	1.0000	1.79	_____
Tractors	acre	0.84	1.0000	0.84	_____
Self-Propelled	acre	0.11	1.0000	0.11	_____
Pickup	ea	1200.00	0.0006	0.80	_____
Trans-Pecos Pivot NG	ac-in	2.00	4.0000	8.03	_____
INTEREST ON OP. CAP.	acre	8.56	1.0000	8.56	_____
TOTAL DIRECT EXPENSES				221.60	_____
RETURNS ABOVE DIRECT EXPENSES				-221.60	_____
FIXED EXPENSES					
Implements	acre	3.81	1.0000	3.81	_____
Tractors	acre	5.82	1.0000	5.82	_____
Self-Propelled	acre	0.76	1.0000	0.76	_____
Pickup	each	5901.77	0.0003	1.97	_____
Trans-Pecos Pivot NG	each	11527.57	0.0076	88.67	_____
TOTAL FIXED EXPENSES				101.03	_____
TOTAL SPECIFIED EXPENSES				322.63	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-322.63	_____

Note: Cost of production estimates are based on last year's input price

*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.*

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Table 22.A Estimated resource use and costs for field operations, per acre  
Alfalfa Establishment  
Center Pivot Irrigated, Far West Texas, 2012

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Sprayer (600-825 Gal)	90'		0.014	1.00	Jul	0.59	0.76			0.02	0.24				1.59
Glyphosate	pt											2.0000	2.10	4.20	4.20
Custom Apply Fert	acre			1.00	Aug							1.0000	4.00	4.00	4.00
Phosphate 0-46-0	lb											80.0000	0.55	44.00	44.00
Chisel Plow (Folding)	24'	MFWD 190	0.076	1.00	Aug	2.74	1.84	0.44	0.86	0.07	0.92				6.80
Disk Harrow	24'	MFWD 190	0.081	1.00	Aug	2.92	1.97	0.38	0.89	0.08	0.98				7.14
Grain Drill	20'	MFWD 170	0.094	1.00	Sep	3.01	2.01	0.97	2.06	0.18	2.07				10.12
Alfalfa Seed Inocul	lb											32.0000	3.50	112.00	112.00
Pickup	each			1.00	Jul				1.97			0.0003			1.97
Application 1	ea							5.87				0.0006			5.87
Trans-Pecos Pivot NG	each			1.00	Jul				88.67			0.0076			88.67
Application 1	ac-in							13.75		0.00	0.10	2.0000			13.85
Application 2	ac-in							6.88		0.00	0.05	1.0000			6.93
Application 3	ac-in							6.88		0.00	0.05	1.0000			6.93
TOTALS						9.26	6.58	35.17	94.45	0.38	4.41			164.20	314.07
INTEREST ON OPERATING CAPITAL															8.56
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															322.63

Note: Cost of production estimates are based on last year's input prices.