

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

B-1241 (C6)

Table 30.D Estimated costs and returns per acre  
Alfalfa Establishment  
Flood Irrigated, Far West Texas, 2009

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
TOTAL INCOME				0.00	
DIRECT EXPENSES					
FERTILIZERS					
Phosphate 0-46-0	lb	0.55	2.1700	1.19	
HERBICIDES					
Roundup Original	oz	0.26	32.0000	8.32	
SEED/PLANTS					
Alfalfa Seed Innocul	lb	3.50	32.0000	112.00	
CUSTOM HIRE					
Custom Apply Fert	acre	4.00	1.0000	4.00	
Operator Labor					
Tractors	hour	11.50	0.2525	2.90	
Self-Propelled	hour	11.50	0.0141	0.16	
Irrigation Labor					
Trans-Pec Fld/Fur NG	hour	10.50	0.0548	0.57	
Hand Labor					
Implements	hour	10.50	0.0942	0.99	
Self-Propelled	hour	10.50	0.0070	0.07	
DIESEL FUEL					
Tractors	gal	2.60	2.3732	6.17	
Self-Propelled	gal	2.60	0.1451	0.38	
GASOLINE					
Pickup	gal	1.80	1.6080	2.89	
NATURAL GAS					
Trans-Pec Fld/Fur NG	Mcf	12.00	2.4706	29.64	
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	
Trans-Pec Fld/Fur NG	ac-in	0.28	4.0000	1.16	
Pickup	ea	1200.00	0.0006	0.80	
INTEREST ON OP. CAP.	acre	5.79	1.0000	5.79	
TOTAL DIRECT EXPENSES				179.77	
RETURNS ABOVE DIRECT EXPENSES				-179.77	
FIXED EXPENSES					
Implements	acre	3.95	1.0000	3.95	
Tractors	acre	5.98	1.0000	5.98	
Self-Propelled	acre	0.78	1.0000	0.78	
Trans-Pec Fld/Fur NG	each	6587.67	0.0083	54.90	
Pickup	each	6012.54	0.0003	2.00	
TOTAL FIXED EXPENSES				67.61	
TOTAL SPECIFIED EXPENSES				247.38	
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-247.38	

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

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Table 30.A Estimated resource use and costs for field operations, per acre  
Alfalfa Establishment  
Flood Irrigated, Far West Texas, 2009

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Sprayer(600-825 Gal)	90'		0.014	1.00	Jul	0.49	0.78			0.02	0.23				1.50
Roundup Original	oz											32.0000	0.26	8.32	8.32
Custom Apply Fert	acre			1.00	Aug							1.0000	4.00	4.00	4.00
Phosphate 0-46-0	lb											2.1700	0.55	1.19	1.19
Chisel Plow(Folding)	24'	MFWD 190	0.076	1.00	Aug	2.21	1.89	0.44	0.90	0.07	0.88				6.32
Disk Harrow	24'	MFWD 190	0.081	1.00	Aug	2.36	2.03	0.38	0.92	0.08	0.94				6.63
Grain Drill	20'	MFWD 170	0.094	1.00	Sep	2.44	2.06	0.97	2.13	0.18	2.07				9.67
Alfalfa Seed Innocul	lb											32.0000	3.50	112.00	112.00
Pickup	each			1.00	Jul				2.00			0.0003			2.00
Application 1	ea							3.69				0.0006			3.69
Trans-Pec Fld/Fur NG	each			1.00	Jul				54.90			0.0083			54.90
Application 1	ac-in							15.40		0.02	0.29	2.0000			15.69
Application 2	ac-in							7.70		0.01	0.14	1.0000			7.84
Application 3	ac-in							7.70		0.01	0.14	1.0000			7.84
TOTALS						7.50	6.76	36.28	60.85	0.42	4.69			125.51	241.59
INTEREST ON OPERATING CAPITAL															5.79
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															247.38

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