

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

B-1241 (C6)

Table 25.D Estimated costs and returns per acre  
Alfalfa full season - baled - 7.5 ton goal  
Center Pivot Irrigated, Dell City, Far West Texas, 2012

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Alfalfa Hay-3 X 4	Ton	240.00	7.5000	1800.00	_____
				1800.00	_____
TOTAL INCOME					
DIRECT EXPENSES					
FERTILIZERS					
Phosphate 0-46-0	lb	0.55	200.0000	110.00	_____
HERBICIDES					
Herb+appl - alfalfa	acre	24.50	1.0000	24.50	_____
INSECTICIDES					
Warrior Z	oz	1.99	7.0400	14.01	_____
CUSTOM HIRE					
Soil Test	ea	5.00	0.5000	2.50	_____
Custom Apply Fert	acre	4.00	2.0000	8.00	_____
Operator Labor					
Tractors	hour	12.00	3.0000	36.00	_____
Self-Propelled	hour	12.00	1.3482	16.18	_____
Irrigation Labor					
Dell City Ctr Pivot	hour	11.00	0.0956	1.06	_____
Hand Labor					
Self-Propelled	hour	10.00	0.0141	0.14	_____
DIESEL FUEL					
Tractors	gal	3.30	21.7729	71.82	_____
Self-Propelled	gal	3.30	7.4903	24.72	_____
GASOLINE					
Pickup	gal	3.15	3.2160	10.14	_____
NATURAL GAS					
Dell City Ctr Pivot	Mcf	6.40	25.7066	164.51	_____
REPAIR & MAINTENANCE					
Implements	acre	0.96	1.0000	0.96	_____
Tractors	acre	7.38	1.0000	7.38	_____
Self-Propelled	acre	4.48	1.0000	4.48	_____
Pickup	ea	1200.00	0.0013	1.60	_____
Dell City Ctr Pivot	ac-in	0.66	66.0000	43.79	_____
INTEREST ON OP. CAP.	acre	20.41	1.0000	20.41	_____
				562.20	_____
TOTAL DIRECT EXPENSES					
				1237.80	_____
RETURNS ABOVE DIRECT EXPENSES					
FIXED EXPENSES					
Implements	acre	6.12	1.0000	6.12	_____
Tractors	acre	48.90	1.0000	48.90	_____
Self-Propelled	acre	12.26	1.0000	12.26	_____
Pickup	each	5901.77	0.0003	1.97	_____
Dell City Ctr Pivot	each	14718.16	0.0076	113.22	_____
Etab alfalfa, CP	acre	121.82	1.0000	121.82	_____
				304.29	_____
TOTAL FIXED EXPENSES					
				866.49	_____
TOTAL SPECIFIED EXPENSES					
				933.51	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES					
RESIDUAL ITEMS					
Trans Pecos Irr Lnd	acre	40.00	1.0000	40.00	_____
				893.51	_____
RESIDUAL RETURNS					

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.*

Table 25.A Estimated resource use and costs for field operations, per acre  
 Alfalfa full season - baled - 7.5 ton goal  
 Center Pivot Irrigated, Dell City, Far West Texas, 2012

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-----			
Soil Test	ea			0.50	Jan							0.5000	5.00	2.50	2.50
Custom Apply Fert	acre			1.00	Mar							1.0000	4.00	4.00	4.00
Phosphate 0-46-0	lb											100.0000	0.55	55.00	55.00
Herb+appl - alfalfa	acre			1.00	Mar							1.0000	24.50	24.50	24.50
Sprayer(600-825 Gal)	90'		0.014	1.00	Mar	0.59	0.76			0.02	0.24				1.59
Warrior Z	oz											3.8400	1.99	7.64	7.64
Swather	18ft		0.200	1.00	May	4.67	1.79			0.22	2.64				9.10
Baler	3X4	2WD 105	0.100	1.00	May	1.94	1.04	0.10	0.81	0.10	1.20				5.09
3 pt bale mover		MFWD 150	0.400	1.00	May	11.26	7.11	0.06	0.21	0.40	4.80				23.44
Swather	18ft		0.200	1.00	Jun	4.67	1.79			0.22	2.64				9.10
Baler	3X4	2WD 105	0.100	1.00	Jun	1.94	1.04	0.10	0.81	0.10	1.20				5.09
3 pt bale mover		MFWD 150	0.400	1.00	Jun	11.26	7.11	0.06	0.21	0.40	4.80				23.44
Custom Apply Fert	acre			1.00	Jun							1.0000	4.00	4.00	4.00
Phosphate 0-46-0	lb											100.0000	0.55	55.00	55.00
Swather	18ft		0.200	1.00	Jul	4.67	1.79			0.22	2.64				9.10
Baler	3X4	2WD 105	0.100	1.00	Jul	1.94	1.04	0.10	0.81	0.10	1.20				5.09
Sprayer(600-825 Gal)	90'		0.014	1.00	Jul	0.59	0.76			0.02	0.24				1.59
Warrior Z	oz											3.2000	1.99	6.37	6.37
3 pt bale mover		MFWD 150	0.400	1.00	Jul	11.26	7.11	0.06	0.21	0.40	4.80				23.44
Swather	18ft		0.200	1.00	Aug	4.67	1.79			0.22	2.64				9.10
Baler	3X4	2WD 105	0.100	1.00	Aug	1.94	1.04	0.10	0.81	0.10	1.20				5.09
3 pt bale mover		MFWD 150	0.400	1.00	Aug	11.26	7.11	0.06	0.21	0.40	4.80				23.44
Swather	18ft		0.200	1.00	Sep	4.67	1.79			0.22	2.64				9.10
Baler	3X4	2WD 105	0.100	1.00	Sep	1.94	1.04	0.10	0.81	0.10	1.20				5.09
3 pt bale mover		MFWD 150	0.400	1.00	Sep	11.26	7.11	0.06	0.21	0.40	4.80				23.44
Swather	18ft		0.200	1.00	Oct	4.67	1.79			0.22	2.64				9.10
Baler	3X4	2WD 105	0.100	1.00	Oct	1.94	1.04	0.10	0.81	0.10	1.20				5.09
3 pt bale mover		MFWD 150	0.400	1.00	Oct	11.26	7.11	0.06	0.21	0.40	4.80				23.44
Pickup	each			1.00	Jan					1.97		0.0003			1.97
Application 1	ea							5.87				0.0006			5.87
Application 2	ea							5.87				0.0006			5.87
Dell City Ctr Pivot	each			1.00	Mar				113.22			0.0076			113.22
Apply Water	ac-in							15.78		0.00	0.08	5.0000			15.86
Apply Water	ac-in							25.25		0.01	0.13	8.0000			25.38
Apply Water	ac-in							28.40		0.01	0.14	9.0000			28.54
Apply Water	ac-in							34.72		0.01	0.18	11.0000			34.90
Apply Water	ac-in							34.72		0.01	0.18	11.0000			34.90
Apply Water	ac-in							31.56		0.01	0.16	10.0000			31.72
Apply Water	ac-in							25.25		0.01	0.13	8.0000			25.38
Apply Water	ac-in							12.62		0.00	0.06	4.0000			12.68
Etab alfalfa, CP	acre				Jan							1.0000			121.82
TOTALS							108.40	61.16	221.00	121.31	4.45	53.38		159.01	846.08
INTEREST ON OPERATING CAPITAL															20.41
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															866.49

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