

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

B-1241 (C6)

Table 23.D Estimated costs and returns per acre
Alfalfa full season - baled - 7.5 ton goal
Center Pivot Irrigated, 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	_____

TOTAL INCOME				1800.00	_____
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					
Trans-Pecos Pivot NG	hour	11.00	0.2896	3.18	_____
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					
Trans-Pecos Pivot NG	Mcf	6.40	50.2153	321.36	_____
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	_____
Trans-Pecos Pivot NG	ac-in	2.00	66.0000	132.48	_____
INTEREST ON OP. CAP.	acre	29.18	1.0000	29.18	_____

TOTAL DIRECT EXPENSES				818.63	_____
RETURNS ABOVE DIRECT EXPENSES				981.37	_____
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	_____
Trans-Pecos Pivot NG	each	11527.57	0.0076	88.67	_____
Etab alfalfa, CP	acre	121.82	1.0000	121.82	_____

TOTAL FIXED EXPENSES				279.74	_____

TOTAL SPECIFIED EXPENSES				1098.37	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				701.63	_____
RESIDUAL ITEMS					
Trans Pecos Irr Lnd	acre	40.00	1.0000	40.00	_____
RESIDUAL RETURNS				661.63	_____

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.*

Table 23.A Estimated resource use and costs for field operations, per acre
 Alfalfa full season - baled - 7.5 ton goal
 Center Pivot Irrigated, 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
Trans-Pecos Pivot	NG		1.00		Mar				88.67			0.0076			88.67
Apply Water	ac-in							34.39		0.02	0.24	5.0000			34.63
Apply Water	ac-in							55.01		0.03	0.39	8.0000			55.40
Apply Water	ac-in							61.88		0.03	0.43	9.0000			62.31
Apply Water	ac-in							75.64		0.04	0.53	11.0000			76.17
Apply Water	ac-in							75.64		0.04	0.53	11.0000			76.17
Apply Water	ac-in							68.76		0.04	0.48	10.0000			69.24
Apply Water	ac-in							55.01		0.03	0.39	8.0000			55.40
Apply Water	ac-in							27.51		0.01	0.19	4.0000			27.70
Estab alfalfa, CP	acre				Jan							1.0000			121.82
TOTALS							108.40	61.16	466.54	96.76	4.65	55.50		159.01	1069.19
INTEREST ON OPERATING CAPITAL															29.18
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1098.37

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