

Table 29.D Estimated costs and returns per acre
Alfalfa full season - baled - 7.5 ton goal
Center Pivot Irrigated, Far West Texas, 2009

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Alfalfa Hay-3 X 4	Ton	200.00	7.5000	1500.00	_____

TOTAL INCOME				1500.00	_____
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	11.50	3.0000	34.50	_____
Self-Propelled	hour	11.50	1.3482	15.50	_____
Irrigation Labor					
Trans-Pecos Pivot NG	hour	10.50	0.2896	3.04	_____
Hand Labor					
Self-Propelled	hour	10.50	0.0141	0.14	_____
DIESEL FUEL					
Tractors	gal	2.60	21.7729	56.64	_____
Self-Propelled	gal	2.60	7.4903	19.48	_____
GASOLINE					
Pickup	gal	1.80	3.2160	5.78	_____
NATURAL GAS					
Trans-Pecos Pivot NG	Mcf	12.00	50.2153	602.58	_____
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	32.30	1.0000	32.30	_____

TOTAL DIRECT EXPENSES				1075.87	_____
RETURNS ABOVE DIRECT EXPENSES				424.13	_____
FIXED EXPENSES					
Implements	acre	6.36	1.0000	6.36	_____
Tractors	acre	50.46	1.0000	50.46	_____
Self-Propelled	acre	12.78	1.0000	12.78	_____
Pickup	each	6012.54	0.0003	2.00	_____
Trans-Pecos Pivot NG	each	11900.63	0.0076	91.54	_____
Etab alfalfa, CP	acre	113.49	1.0000	113.49	_____

TOTAL FIXED EXPENSES				276.63	_____

TOTAL SPECIFIED EXPENSES				1352.50	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				147.50	_____
RESIDUAL ITEMS					
Trans Pecos Irr Lnd	acre	40.00	1.0000	40.00	_____
RESIDUAL RETURNS				107.50	_____

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

Table 29.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, 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-----			
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	0.49	0.78			0.02	0.23				1.50
Warrior Z	oz											3.8400	1.99	7.64	7.64
Swather	18ft		0.200	1.00	May	3.83	1.87			0.22	2.53				8.23
Baler	3X4	2WD 105	0.100	1.00	May	1.57	1.07	0.10	0.84	0.10	1.15				4.73
3 pt bale mover		MFWD 150	0.400	1.00	May	9.10	7.34	0.06	0.22	0.40	4.60				21.32
Swather	18ft		0.200	1.00	Jun	3.83	1.87			0.22	2.53				8.23
Baler	3X4	2WD 105	0.100	1.00	Jun	1.57	1.07	0.10	0.84	0.10	1.15				4.73
3 pt bale mover		MFWD 150	0.400	1.00	Jun	9.10	7.34	0.06	0.22	0.40	4.60				21.32
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	3.83	1.87			0.22	2.53				8.23
Baler	3X4	2WD 105	0.100	1.00	Jul	1.57	1.07	0.10	0.84	0.10	1.15				4.73
Sprayer(600-825 Gal)	90'		0.014	1.00	Jul	0.49	0.78			0.02	0.23				1.50
Warrior Z	oz											3.2000	1.99	6.37	6.37
3 pt bale mover		MFWD 150	0.400	1.00	Jul	9.10	7.34	0.06	0.22	0.40	4.60				21.32
Swather	18ft		0.200	1.00	Aug	3.83	1.87			0.22	2.53				8.23
Baler	3X4	2WD 105	0.100	1.00	Aug	1.57	1.07	0.10	0.84	0.10	1.15				4.73
3 pt bale mover		MFWD 150	0.400	1.00	Aug	9.10	7.34	0.06	0.22	0.40	4.60				21.32
Swather	18ft		0.200	1.00	Sep	3.83	1.87			0.22	2.53				8.23
Baler	3X4	2WD 105	0.100	1.00	Sep	1.57	1.07	0.10	0.84	0.10	1.15				4.73
3 pt bale mover		MFWD 150	0.400	1.00	Sep	9.10	7.34	0.06	0.22	0.40	4.60				21.32
Swather	18ft		0.200	1.00	Oct	3.83	1.87			0.22	2.53				8.23
Baler	3X4	2WD 105	0.100	1.00	Oct	1.57	1.07	0.10	0.84	0.10	1.15				4.73
3 pt bale mover		MFWD 150	0.400	1.00	Oct	9.10	7.34	0.06	0.22	0.40	4.60				21.32
Pickup	each			1.00	Jan					2.00		0.0003			2.00
Application 1	ea							3.69				0.0006			3.69
Application 2	ea							3.69				0.0006			3.69
Trans-Pecos Pivot NG	each			1.00	Mar				91.54			0.0076			91.54
Apply Water	ac-in							55.69		0.02	0.23	5.0000			55.92
Apply Water	ac-in							89.10		0.03	0.37	8.0000			89.47
Apply Water	ac-in							100.23		0.03	0.41	9.0000			100.64
Apply Water	ac-in							122.51		0.04	0.51	11.0000			123.02
Apply Water	ac-in							122.51		0.04	0.51	11.0000			123.02
Apply Water	ac-in							111.37		0.04	0.46	10.0000			111.83
Apply Water	ac-in							89.10		0.03	0.37	8.0000			89.47
Apply Water	ac-in							44.55		0.01	0.18	4.0000			44.73
Estab alfalfa, CP	acre				Jan							1.0000			113.49
TOTALS						87.98	63.24	743.40	99.90	4.65	53.18			159.01	1320.20
INTEREST ON OPERATING CAPITAL															32.30
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1352.50

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