

Table 25.D Estimated costs and returns per acre
Alfalfa full season - baled - 7.5 ton goal
Center Pivot Irrigated, Far West Texas, 2011

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
				dollars	dollars
INCOME					
Alfalfa Hay-3 X 4	Ton	185.00	7.5000	1387.50	_____

TOTAL INCOME				1387.50	_____
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	2.46	21.7729	53.58	_____
Self-Propelled	gal	2.46	7.4903	18.42	_____
GASOLINE					
Pickup	gal	3.00	3.2160	9.64	_____
NATURAL GAS					
Trans-Pecos Pivot NG	Mcf	11.00	50.2153	552.36	_____
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	33.77	1.0000	33.77	_____

TOTAL DIRECT EXPENSES				1029.18	_____
RETURNS ABOVE DIRECT EXPENSES				358.32	_____
FIXED EXPENSES					
Implements	acre	6.00	1.0000	6.00	_____
Tractors	acre	48.12	1.0000	48.12	_____
Self-Propelled	acre	12.00	1.0000	12.00	_____
Pickup	each	5846.54	0.0003	1.95	_____
Trans-Pecos Pivot NG	each	11343.14	0.0076	87.25	_____
Estab alfalfa, CP	acre	107.68	1.0000	107.68	_____

TOTAL FIXED EXPENSES				263.00	_____

TOTAL SPECIFIED EXPENSES				1292.18	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				95.32	_____
RESIDUAL ITEMS					
Trans Pecos Irr Lnd	acre	40.00	1.0000	40.00	_____
RESIDUAL RETURNS				55.32	_____

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

Table 25.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, 2011

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	0.47	0.75			0.02	0.24				1.46
Warrior Z	oz											3.8400	1.99	7.64	7.64
Swather	18ft		0.200	1.00	May	3.66	1.75			0.22	2.64				8.05
Baler	3X4	2WD 105	0.100	1.00	May	1.49	1.02	0.10	0.79	0.10	1.20				4.60
3 pt bale mover		MFWD 150	0.400	1.00	May	8.67	7.00	0.06	0.21	0.40	4.80				20.74
Swather	18ft		0.200	1.00	Jun	3.66	1.75			0.22	2.64				8.05
Baler	3X4	2WD 105	0.100	1.00	Jun	1.49	1.02	0.10	0.79	0.10	1.20				4.60
3 pt bale mover		MFWD 150	0.400	1.00	Jun	8.67	7.00	0.06	0.21	0.40	4.80				20.74
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	3.66	1.75			0.22	2.64				8.05
Baler	3X4	2WD 105	0.100	1.00	Jul	1.49	1.02	0.10	0.79	0.10	1.20				4.60
Sprayer(600-825 Gal)	90'		0.014	1.00	Jul	0.47	0.75			0.02	0.24				1.46
Warrior Z	oz											3.2000	1.99	6.37	6.37
3 pt bale mover		MFWD 150	0.400	1.00	Jul	8.67	7.00	0.06	0.21	0.40	4.80				20.74
Swather	18ft		0.200	1.00	Aug	3.66	1.75			0.22	2.64				8.05
Baler	3X4	2WD 105	0.100	1.00	Aug	1.49	1.02	0.10	0.79	0.10	1.20				4.60
3 pt bale mover		MFWD 150	0.400	1.00	Aug	8.67	7.00	0.06	0.21	0.40	4.80				20.74
Swather	18ft		0.200	1.00	Sep	3.66	1.75			0.22	2.64				8.05
Baler	3X4	2WD 105	0.100	1.00	Sep	1.49	1.02	0.10	0.79	0.10	1.20				4.60
3 pt bale mover		MFWD 150	0.400	1.00	Sep	8.67	7.00	0.06	0.21	0.40	4.80				20.74
Swather	18ft		0.200	1.00	Oct	3.66	1.75			0.22	2.64				8.05
Baler	3X4	2WD 105	0.100	1.00	Oct	1.49	1.02	0.10	0.79	0.10	1.20				4.60
3 pt bale mover		MFWD 150	0.400	1.00	Oct	8.67	7.00	0.06	0.21	0.40	4.80				20.74
Pickup	each			1.00	Jan					1.95		0.0003			1.95
Application 1	ea							5.62				0.0006			5.62
Application 2	ea							5.62				0.0006			5.62
Trans-Pecos Pivot NG	each			1.00	Mar				87.25			0.0076			87.25
Apply Water	ac-in							51.89		0.02	0.24	5.0000			52.13
Apply Water	ac-in							83.01		0.03	0.39	8.0000			83.40
Apply Water	ac-in							93.38		0.03	0.43	9.0000			93.81
Apply Water	ac-in							114.14		0.04	0.53	11.0000			114.67
Apply Water	ac-in							114.14		0.04	0.53	11.0000			114.67
Apply Water	ac-in							103.76		0.04	0.48	10.0000			104.24
Apply Water	ac-in							83.01		0.03	0.39	8.0000			83.40
Apply Water	ac-in							41.51		0.01	0.19	4.0000			41.70
Etab alfalfa, CP	acre				Jan							1.0000			107.68
TOTALS						83.86	60.12	697.04	95.20	4.65	55.50			159.01	1258.41
INTEREST ON OPERATING CAPITAL															33.77
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1292.18

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