

Table 27.D Estimated costs and returns per acre  
 Alfalfa full season - baled - 7.5 ton goal  
 Center Pivot Irrigated, Dell City, Far West Texas, 2011

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
<b>INCOME</b>					
Alfalfa Hay-3 X 4	Ton	185.00	7.5000	1387.50	_____
				-----	
<b>TOTAL INCOME</b>				1387.50	_____
<b>DIRECT EXPENSES</b>					
<b>FERTILIZERS</b>					
Phosphate 0-46-0	lb	0.55	200.0000	110.00	_____
<b>HERBICIDES</b>					
Herb+appl - alfalfa	acre	24.50	1.0000	24.50	_____
<b>INSECTICIDES</b>					
Warrior Z	oz	1.99	7.0400	14.01	_____
<b>CUSTOM HIRE</b>					
Soil Test	ea	5.00	0.5000	2.50	_____
Custom Apply Fert	acre	4.00	2.0000	8.00	_____
<b>Operator Labor</b>					
Tractors	hour	12.00	3.0000	36.00	_____
Self-Propelled	hour	12.00	1.3482	16.18	_____
<b>Irrigation Labor</b>					
Dell City Ctr Pivot	hour	11.00	0.0956	1.06	_____
<b>Hand Labor</b>					
Self-Propelled	hour	10.00	0.0141	0.14	_____
<b>DIESEL FUEL</b>					
Tractors	gal	2.46	21.7729	53.58	_____
Self-Propelled	gal	2.46	7.4903	18.42	_____
<b>GASOLINE</b>					
Pickup	gal	3.00	3.2160	9.64	_____
<b>NATURAL GAS</b>					
Dell City Ctr Pivot	Mcf	11.00	25.7066	282.78	_____
<b>REPAIR &amp; MAINTENANCE</b>					
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	22.00	1.0000	22.00	_____
				-----	
<b>TOTAL DIRECT EXPENSES</b>				657.02	_____
<b>RETURNS ABOVE DIRECT EXPENSES</b>				730.48	_____
<b>FIXED EXPENSES</b>					
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	_____
Dell City Ctr Pivot	each	14482.68	0.0076	111.41	_____
Estab alfalfa, CP	acre	107.68	1.0000	107.68	_____
				-----	
<b>TOTAL FIXED EXPENSES</b>				287.16	_____
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<b>TOTAL SPECIFIED EXPENSES</b>				944.18	_____
<b>RETURNS ABOVE TOTAL SPECIFIED EXPENSES</b>				443.32	_____
<b>RESIDUAL ITEMS</b>					
Trans Pecos Irr Lnd	acre	40.00	1.0000	40.00	_____
<b>RESIDUAL RETURNS</b>				403.32	_____

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

Table 27.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, 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
Dell City Ctr Pivot	each			1.00	Mar						111.41			0.0076	111.41
Apply Water	ac-in								24.74	0.00	0.08			5.0000	24.82
Apply Water	ac-in								39.59	0.01	0.13			8.0000	39.72
Apply Water	ac-in								44.53	0.01	0.14			9.0000	44.67
Apply Water	ac-in								54.43	0.01	0.18			11.0000	54.61
Apply Water	ac-in								54.43	0.01	0.18			11.0000	54.61
Apply Water	ac-in								49.47	0.01	0.16			10.0000	49.63
Apply Water	ac-in								39.59	0.01	0.13			8.0000	39.72
Apply Water	ac-in								19.79	0.00	0.06			4.0000	19.85
Etab alfalfa, CP	acre				Jan									1.0000	107.68
TOTALS						83.86	60.12	338.77	119.36	4.45	53.38			159.01	922.18
INTEREST ON OPERATING CAPITAL															22.00
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															944.18

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