

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

B-1241 (C6)

Table 21.D Estimated costs and returns per acre
Alamo Switch Grass Full Season - baled
Pivot Irrigated, Far West Texas, 2012

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Switch Grass	ton	170.00	3.1700	538.90	_____

TOTAL INCOME				538.90	_____
DIRECT EXPENSES					
FERTILIZERS					
N-32 in Water	lb	0.18	20.0000	3.60	_____
Urea, Solid (46% N)	cwt	33.25	0.4500	14.96	_____
HERBICIDES					
2,4-D Amine 4	oz	0.13	40.0000	5.20	_____
Operator Labor					
Tractors	hour	12.00	0.7933	9.52	_____
Self-Propelled	hour	12.00	0.6600	7.92	_____
Irrigation Labor					
Trans-Pecos Pivot NG	hour	11.00	0.0263	0.30	_____
Hand Labor					
Special Labor	hour	10.00	0.1400	1.40	_____
Implements	hour	10.00	0.0423	0.42	_____
DIESEL FUEL					
Tractors	gal	3.30	3.7508	12.35	_____
Self-Propelled	gal	3.30	3.6000	11.88	_____
NATURAL GAS					
Trans-Pecos Pivot NG	Mcf	6.40	4.5650	29.22	_____
REPAIR & MAINTENANCE					
Implements	acre	0.69	1.0000	0.69	_____
Tractors	acre	1.01	1.0000	1.01	_____
Self-Propelled	acre	2.13	1.0000	2.13	_____
Trans-Pecos Pivot NG	ac-in	2.00	6.0000	12.03	_____
INTEREST ON OP. CAP.	acre	3.67	1.0000	3.67	_____

TOTAL DIRECT EXPENSES				116.30	_____
RETURNS ABOVE DIRECT EXPENSES				422.60	_____
FIXED EXPENSES					
Implements	acre	4.50	1.0000	4.50	_____
Tractors	acre	6.63	1.0000	6.63	_____
Self-Propelled	acre	5.37	1.0000	5.37	_____
Trans-Pecos Pivot NG	each	11527.57	0.0083	96.06	_____
Switchgrass Estab.	acre	44.37	1.0000	44.37	_____

TOTAL FIXED EXPENSES				156.93	_____

TOTAL SPECIFIED EXPENSES				273.23	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				265.67	_____
RESIDUAL ITEMS					
Trans Pecos Irr Lnd	acre	40.00	1.0000	40.00	_____
RESIDUAL RETURNS				225.67	_____

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.*

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Table 21.A Estimated resource use and costs for field operations, per acre
Alamo Switch Grass Full Season - baled
Pivot Irrigated, Far West Texas, 2012

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES			POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
N-32 in Water	lb			1.00	Apr							20.0000	0.18	3.60	3.60
Spray (Bcast/HB)	20' Rigid	2WD 50	0.084	1.00	May	0.77	0.31	0.20	0.27	0.12	1.44				2.99
2,4-D Amine 4	oz											40.0000	0.13	5.20	5.20
Rake	14 whl	2WD 50	0.050	1.00	May	0.45	0.18	0.02	0.12	0.05	0.60				1.37
Swather	18ft		0.200			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
Bale Fork	1	2WD 105	0.033	1.00	May	0.64	0.35		0.08	0.03	0.40				1.47
Hand Labor	hour			1.00	Jun					0.14	1.40				1.40
Rake	14 whl	2WD 50	0.050	1.00	Jul	0.45	0.18	0.02	0.12	0.05	0.60				1.37
Swather	18ft		0.200			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
Bale Fork	1	2WD 105	0.033	1.00	Jul	0.64	0.35		0.08	0.03	0.40				1.47
Fert Spreader (dry)		2WD 50	0.033	1.00	Jul	0.31	0.12	0.02	0.04	0.03	0.40				0.89
Urea, Solid (46% N)	cwt											0.4500	33.25	14.96	14.96
Aerator	10	MFWD 105	0.125	1.00	Aug	3.19	1.49	0.11	1.16	0.12	1.50				7.45
Rake	14 whl	2WD 50	0.050	1.00	Nov	0.45	0.18	0.02	0.12	0.05	0.60				1.37
Swather	18ft		0.200			4.67	1.79			0.22	2.64				9.10
Baler	3X4	2WD 105	0.100	1.00	Nov	1.94	1.04	0.10	0.81	0.10	1.20				5.09
Bale Fork	1	2WD 105	0.033	1.00	Nov	0.64	0.35		0.08	0.03	0.40				1.47
Trans-Pecos Pivot NG	each			1.00	Apr						96.06				96.06
Application 1	ac-in								13.75	0.00	0.10	2.0000			13.85
Application 2	ac-in								13.75	0.00	0.10	2.0000			13.85
Application 3	ac-in								13.75	0.00	0.10	2.0000			13.85
Switchgrass Estab.	acre				Jan							1.0000			44.37
TOTALS						27.37	12.00	41.94	100.56	1.66	19.56			23.76	269.56
INTEREST ON OPERATING CAPITAL															3.67
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															273.23

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