

*Projections for Planning Purposes Only
Not to be Used without Updating after January 1, 2011*

B-1241 (C6)

Table 23.D Estimated costs and returns per acre
Alamo Switch Grass Full Season - baled
Pivot Irrigated, Far West Texas, 2011

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Switch Grass	ton	115.00	3.1700	364.55	_____

TOTAL INCOME				364.55	_____
DIRECT EXPENSES					
FERTILIZERS					
N-32 in Water	lb	0.18	20.0000	3.60	_____
Urea, Solid (46% N)	cwt	24.86	0.4500	11.19	_____
HERBICIDES					
2,4-D Amine 4	oz	0.12	40.0000	4.81	_____
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	2.46	3.7508	9.23	_____
Self-Propelled	gal	2.46	3.6000	8.85	_____
NATURAL GAS					
Trans-Pecos Pivot NG	Mcf	11.00	4.5650	50.22	_____
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	3.71	1.0000	3.71	_____

TOTAL DIRECT EXPENSES				127.03	_____
RETURNS ABOVE DIRECT EXPENSES				237.52	_____
FIXED EXPENSES					
Implements	acre	4.40	1.0000	4.40	_____
Tractors	acre	6.51	1.0000	6.51	_____
Self-Propelled	acre	5.25	1.0000	5.25	_____
Trans-Pecos Pivot NG	each	11343.14	0.0083	94.53	_____
Switchgrass Estab.	acre	44.48	1.0000	44.48	_____

TOTAL FIXED EXPENSES				155.17	_____

TOTAL SPECIFIED EXPENSES				282.20	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				82.35	_____
RESIDUAL ITEMS					
Trans Pecos Irr Lnd	acre	40.00	1.0000	40.00	_____
RESIDUAL RETURNS				42.35	_____

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

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Table 23.A Estimated resource use and costs for field operations, per acre
 Alamo Switch Grass Full Season - baled
 Pivot Irrigated, Far West Texas, 2011

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	0.59	0.30	0.20	0.26	0.12	1.44					2.79
2,4-D Amine 4	oz												40.0000	0.12	4.81	4.81
Rake	14 whl	2WD 50	0.050	1.00	May	0.35	0.18	0.02	0.12	0.05	0.60					1.27
Swather	18ft		0.200			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
Bale Fork	1	2WD 105	0.033	1.00	May	0.49	0.34		0.08	0.03	0.40					1.31
Hand Labor	hour			1.00	Jun					0.14	1.40					1.40
Rake	14 whl	2WD 50	0.050	1.00	Jul	0.35	0.18	0.02	0.12	0.05	0.60					1.27
Swather	18ft		0.200			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
Bale Fork	1	2WD 105	0.033	1.00	Jul	0.49	0.34		0.08	0.03	0.40					1.31
Fert Spreader (dry)		2WD 50	0.033	1.00	Jul	0.23	0.12	0.02	0.04	0.03	0.40					0.81
Urea, Solid (46% N)	cwt											0.4500	24.86	11.19		11.19
Aerator	10	MFWD 105	0.125	1.00	Aug	2.43	1.47	0.11	1.13	0.12	1.50					6.64
Rake	14 whl	2WD 50	0.050	1.00	Nov	0.35	0.18	0.02	0.12	0.05	0.60					1.27
Swather	18ft		0.200			3.66	1.75			0.22	2.64					8.05
Baler	3X4	2WD 105	0.100	1.00	Nov	1.49	1.02	0.10	0.79	0.10	1.20					4.60
Bale Fork	1	2WD 105	0.033	1.00	Nov	0.49	0.34		0.08	0.03	0.40					1.31
Trans-Pecos Pivot NG	each			1.00	Apr				94.53							94.53
Application 1	ac-in							20.75		0.00	0.10			2.0000		20.85
Application 2	ac-in							20.75		0.00	0.10			2.0000		20.85
Application 3	ac-in							20.75		0.00	0.10			2.0000		20.85
Switchgrass Estab.	acre				Jan									1.0000		44.48
TOTALS						21.22	11.76	62.94	98.93	1.66	19.56				19.60	278.49
INTEREST ON OPERATING CAPITAL																3.71
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																282.20

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