

*Projections for Planning Purposes Only*  
*Not to be Used without Updating after November 1, 2005*

B-1241 (L6)

Table 18.D Estimated costs and returns per Ac  
 Alamo Switch Grass Full Season - baled  
 Pivot Irrigated, Far West Texas, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Switch Grass	ton	75.00	3.1700	237.75	_____
				-----	
TOTAL INCOME				237.75	_____
DIRECT EXPENSES					
FERTILIZERS					
N-32 in Water	lb	0.21	20.0000	4.20	_____
Urea, Solid (46% N)	cwt	12.77	0.4500	5.75	_____
HERBICIDES					
2,4-D Amine 4	oz	0.08	40.0000	3.20	_____
OPERATOR LABOR					
Tractors	hour	10.00	0.7933	7.93	_____
Self-Propelled	hour	10.00	0.6600	6.60	_____
IRRIGATION LABOR					
Trans-Pecos Pivot	hour	10.00	0.0700	0.69	_____
HAND LABOR					
Special Labor	hour	10.00	0.1400	1.40	_____
Implements	hour	10.00	0.0423	0.42	_____
DIESEL FUEL					
Tractors	gal	2.42	3.7508	9.09	_____
Self-Propelled	gal	2.42	3.6000	8.70	_____
NATURAL GAS					
NG Pumps	Mcf	7.00	4.4688	31.29	_____
REPAIR & MAINTENANCE					
Implements	Ac	0.69	1.0000	0.69	_____
Tractors	Ac	1.01	1.0000	1.01	_____
Self-Propelled	Ac	2.13	1.0000	2.13	_____
Trans-Pecos Pivot	Ac. In	0.72	6.0000	4.38	_____
NG Pumps	Ac In	1.00	6.0000	6.00	_____
INTEREST ON OP. CAP.	Ac	3.74	1.0000	3.74	_____
				-----	
TOTAL DIRECT EXPENSES				97.22	_____
RETURNS ABOVE DIRECT EXPENSES				140.53	_____
FIXED EXPENSES					
Implements	Ac	5.03	1.0000	5.03	_____
Tractors	Ac	7.27	1.0000	7.27	_____
Self-Propelled	Ac	6.06	1.0000	6.06	_____
Trans-Pecos Pivot	each	7147.24	0.0083	59.56	_____
NG Pumps	each	7699.23	0.0060	46.75	_____
Switchgrass Estab.	Ac	48.32	1.0000	48.32	_____
				-----	
TOTAL FIXED EXPENSES				172.99	_____
				-----	
TOTAL SPECIFIED EXPENSES				270.21	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-32.46	_____
RESIDUAL ITEMS					
Trans Pecos Irr Lnd	acre	40.00	1.0000	40.00	_____
RESIDUAL RETURNS				-72.46	_____

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

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Table 18.A Estimated resource use and costs for field operations, per Ac  
 Alamo Switch Grass Full Season - baled  
 Pivot Irrigated, Far West Texas, 2005

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-----			
N-32 in Water	lb			1.00	Apr							20.0000	0.21	4.20	4.20
Spray (Bcast/HB)	20' Rigid	2WD 50	0.084	1.00	May	0.58	0.34	0.20	0.29	0.12	1.27				2.68
2,4-D Amine 4	oz											40.0000	0.08	3.20	3.20
Rake	14 whl	2WD 50	0.050	1.00	May	0.34	0.20	0.02	0.13	0.05	0.50				1.19
Swather	18ft		0.200			3.61	2.02			0.22	2.20				7.83
Baler	3X4	2WD 105	0.100	1.00	May	1.47	1.14	0.10	0.90	0.10	1.00				4.61
Bale Fork	1	2WD 105	0.033	1.00	May	0.49	0.38		0.09	0.03	0.33				1.29
HAND LABOR	hour			1.00	Jun					0.14	1.40				1.40
Rake	14 whl	2WD 50	0.050	1.00	Jul	0.34	0.20	0.02	0.13	0.05	0.50				1.19
Swather	18ft		0.200			3.61	2.02			0.22	2.20				7.83
Baler	3X4	2WD 105	0.100	1.00	Jul	1.47	1.14	0.10	0.90	0.10	1.00				4.61
Bale Fork	1	2WD 105	0.033	1.00	Jul	0.49	0.38		0.09	0.03	0.33				1.29
Fert Spreader (dry)		2WD 50	0.033	1.00	Jul	0.23	0.13	0.02	0.04	0.03	0.34				0.76
Urea, Solid (46% N)	cwt											0.4500	12.77	5.75	5.75
Aerator	10	MFWD 105	0.125	1.00	Aug	2.39	1.64	0.11	1.34	0.12	1.25				6.73
Rake	14 whl	2WD 50	0.050	1.00	Nov	0.34	0.20	0.02	0.13	0.05	0.50				1.19
Swather	18ft		0.200			3.61	2.02			0.22	2.20				7.83
Baler	3X4	2WD 105	0.100	1.00	Nov	1.47	1.14	0.10	0.90	0.10	1.00				4.61
Bale Fork	1	2WD 105	0.033	1.00	Nov	0.49	0.38		0.09	0.03	0.33				1.29
Trans-Pecos Pivot	each			1.00	Apr						59.56				59.56
Application 1	Ac. In							1.46		0.02	0.23	2.0000			1.69
Application 2	Ac. In							1.46		0.02	0.23	2.0000			1.69
Application 3	Ac. In							1.46		0.02	0.23	2.0000			1.69
NG Pumps	each			1.00	Apr				46.75			0.0060			46.75
Application 1	Ac In							12.43				2.0000			12.43
Application 2	Ac In							12.43				2.0000			12.43
Application 3	Ac In							12.43				2.0000			12.43
Switchgrass Estab.	Ac				Jan							1.0000			48.32
TOTALS						20.93	13.33	42.36	111.34	1.70	17.04			13.15	266.47
INTEREST ON OPERATING CAPITAL															3.74
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															270.21

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