

*Projections for Planning Purposes Only  
Not to be Used without Updating after October 15, 2004*

B-1241 (L6)

Table 16.D Estimated costs and returns per Ac  
Alamo Switch Grass - Full Season  
Pivot Irrigated - grazed, Far West Texas, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
AUM Grazing Lease	AUM	18.00	6.3000	113.40	_____
				-----	
TOTAL INCOME				113.40	_____
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	0.2433	2.44	_____
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	1.75	1.2030	2.10	_____
NATURAL GAS					
NG Pumps	Mcf	7.00	4.4688	31.29	_____
REPAIR & MAINTENANCE					
Implements	Ac	0.33	1.0000	0.33	_____
Tractors	Ac	0.29	1.0000	0.29	_____
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	2.65	1.0000	2.65	_____
				-----	
TOTAL DIRECT EXPENSES				65.14	_____
RETURNS ABOVE DIRECT EXPENSES				48.26	_____
FIXED EXPENSES					
Implements	Ac	1.67	1.0000	1.67	_____
Tractors	Ac	2.11	1.0000	2.11	_____
Trans-Pecos Pivot	each	7147.24	0.0083	59.56	_____
NG Pumps	each	7699.23	0.0060	46.75	_____
Switchgrass Estab.	Ac	47.71	1.0000	47.71	_____
				-----	
TOTAL FIXED EXPENSES				157.80	_____
				-----	
TOTAL SPECIFIED EXPENSES				222.94	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-109.54	_____
RESIDUAL ITEMS					
Trans Pecos Irr Lnd	acre	40.00	1.0000	40.00	_____
RESIDUAL RETURNS				-149.54	_____

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

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B-1241 (C6)

Table 16.A Estimated resource use and costs for field operations, per Ac  
 Alamo Switch Grass - Full Season  
 Pivot Irrigated - grazed, 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	0.43	0.34	0.20	0.29	0.12	1.27				2.53
2,4-D Amine 4	oz											40.0000	0.08	3.20	3.20
HAND LABOR	hour			1.00	Jun					0.14	1.40				1.40
Fert Spreader (dry)		2WD 50	0.033	1.00	Jul	0.17	0.13	0.02	0.04	0.03	0.34				0.70
Urea, Solid (46% N)	cwt											0.4500	12.77	5.75	5.75
Aerator	10	MFWD 105	0.125	1.00	Aug	1.79	1.64	0.11	1.34	0.12	1.25				6.13
Trans-Pecos Pivot	each			1.00	Apr							0.0083			59.56
Application 1	Ac. In			1.00	Apr			1.46		0.02	0.23	2.0000			1.69
Application 2	Ac. In			1.00	Jul			1.46		0.02	0.23	2.0000			1.69
Application 3	Ac. In			1.00	Oct			1.46		0.02	0.23	2.0000			1.69
NG Pumps	each			1.00	Apr							0.0060			46.75
Application 1	Ac In			1.00	Apr			12.43				2.0000			12.43
Application 2	Ac In			1.00	Jul			12.43				2.0000			12.43
Application 3	Ac In			1.00	Oct			12.43				2.0000			12.43
Switchgrass Estab.	Ac				Mar							1.0000			47.71
TOTALS						2.39	2.11	42.00	107.98	0.49	4.95			13.15	220.29
INTEREST ON OPERATING CAPITAL															2.65
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															222.94

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