

*Projections for Planning Purposes Only  
Not to be Used without Updating after January 1, 2013*

B-1241 (C6)

Table 20.D Estimated costs and returns per acre  
Alamo Switch Grass - Full Season  
Pivot Irrigated - grazed, Far West Texas, 2013

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
AUM Grazing Lease	AUM	12.24	6.3000	77.11	_____
				-----	
TOTAL INCOME				77.11	_____
DIRECT EXPENSES					
FERTILIZERS					
N-32 in Water	lb	0.21	20.0000	4.20	_____
Urea, Solid (46% N)	cwt	32.50	0.4500	14.63	_____
HERBICIDES					
2,4-D Amine 4	oz	0.14	40.0000	5.60	_____
Operator Labor					
Tractors	hour	12.00	0.2433	2.92	_____
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	3.65	1.2030	4.39	_____
NATURAL GAS					
Trans-Pecos Pivot NG	Mcf	4.25	4.5650	19.41	_____
REPAIR & MAINTENANCE					
Implements	acre	0.33	1.0000	0.33	_____
Tractors	acre	0.29	1.0000	0.29	_____
Trans-Pecos Pivot NG	ac-in	2.00	6.0000	12.03	_____
INTEREST ON OP. CAP.	acre	2.27	1.0000	2.27	_____
				-----	
TOTAL DIRECT EXPENSES				68.19	_____
RETURNS ABOVE DIRECT EXPENSES				8.92	_____
FIXED EXPENSES					
Implements	acre	1.47	1.0000	1.47	_____
Tractors	acre	1.92	1.0000	1.92	_____
Trans-Pecos Pivot NG	each	11527.57	0.0083	96.06	_____
Switchgrass Estab.	acre	43.99	1.0000	43.99	_____
				-----	
TOTAL FIXED EXPENSES				143.44	_____
				-----	
TOTAL SPECIFIED EXPENSES				211.63	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-134.52	_____
RESIDUAL ITEMS					
Trans Pecos Irr Lnd	acre	40.00	1.0000	40.00	_____
RESIDUAL RETURNS				-174.52	_____

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 20.A Estimated resource use and costs for field operations, per acre  
Alamo Switch Grass - Full Season  
Pivot Irrigated - grazed, Far West Texas, 2013

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	0.21	4.20	4.20
Spray (Bcast/HB)	20' Rigid	2WD 50	0.084	1.00	May	0.84	0.31	0.20	0.27	0.12	1.44				3.06
2,4-D Amine 4	oz											40.0000	0.14	5.60	5.60
Hand Labor	hour			1.00	Jun					0.14	1.40				1.40
Fert Spreader (dry)		2WD 50	0.033	1.00	Jul	0.34	0.12	0.02	0.04	0.03	0.40				0.92
Urea, Solid (46% N)	cwt											0.4500	32.50	14.63	14.63
Aerator	10	MFWD 105	0.125	1.00	Aug	3.50	1.49	0.11	1.16	0.12	1.50				7.76
Trans-Pecos Pivot NG	each			1.00	Apr				96.06			0.0083			96.06
Application 1	ac-in							10.48		0.00	0.10	2.0000			10.58
Application 2	ac-in							10.48		0.00	0.10	2.0000			10.58
Application 3	ac-in							10.48		0.00	0.10	2.0000			10.58
Switchgrass Estab.	acre				Mar							1.0000			43.99
TOTALS						4.68	1.92	31.77	97.53	0.45	5.04			24.43	209.36
INTEREST ON OPERATING CAPITAL															2.27
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															211.63

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