

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

B-1241 (L6)

Table 15.D Estimated costs and returns per Ac  
Alamo Switch Grass Establishment  
Pivot Irrigated, Far West Texas, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME				-----	
TOTAL INCOME				0.00	_____
DIRECT EXPENSES					
FERTILIZERS					
N-32 in Water	lb	0.21	20.0000	4.20	_____
HERBICIDES					
Roundup Ultra	oz	0.40	128.0000	51.20	_____
SEED/PLANTS					
Switchgrass seed	lb	5.00	3.0000	15.00	_____
OPERATOR LABOR					
Tractors	hour	10.00	0.6798	6.79	_____
IRRIGATION LABOR					
Trans-Pecos Pivot	hour	10.00	0.0467	0.46	_____
HAND LABOR					
Implements	hour	10.00	0.1789	1.79	_____
DIESEL FUEL					
Tractors	gal	1.75	4.6032	8.05	_____
NATURAL GAS					
NG Pumps	Mcf	7.00	2.9792	20.86	_____
REPAIR & MAINTENANCE					
Implements	Ac	2.85	1.0000	2.85	_____
Tractors	Ac	1.54	1.0000	1.54	_____
Trans-Pecos Pivot	Ac. In	0.72	4.0000	2.92	_____
NG Pumps	Ac In	1.00	4.0000	4.00	_____
INTEREST ON OP. CAP.	Ac	3.33	1.0000	3.33	_____
TOTAL DIRECT EXPENSES				122.99	_____
RETURNS ABOVE DIRECT EXPENSES				-122.99	_____
FIXED EXPENSES					
Implements	Ac	7.66	1.0000	7.66	_____
Tractors	Ac	11.41	1.0000	11.41	_____
Trans-Pecos Pivot	each	7147.24	0.0083	59.56	_____
NG Pumps	each	7699.23	0.0060	46.75	_____
TOTAL FIXED EXPENSES				125.38	_____
TOTAL SPECIFIED EXPENSES				248.37	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-248.37	_____

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

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B-1241 (C6)

Table 15.A Estimated resource use and costs for field operations, per Ac  
 Alamo Switch Grass Establishment  
 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-----			
Heavy Disk	14'	MFWD 150	0.145	2.00	Aug	4.72	5.68	1.08	2.76	0.29	2.92				17.16
Spray (Bcast/HB)	20' Rigid	2WD 50	0.084	2.00	Aug	0.85	0.67	0.40	0.59	0.25	2.54				5.05
Roundup Ultra	oz											128.0000	0.40	51.20	51.20
Field Cultivate	24'	MFWD 170	0.062	2.00	Aug	2.29	2.88	0.40	2.04	0.12	1.24				8.85
Grain Drill	20'	MFWD 170	0.094	1.00	Sep	1.73	2.18	0.97	2.27	0.18	1.88				9.03
Switchgrass seed	lb											3.0000	5.00	15.00	15.00
N-32 in Water	lb			1.00	Oct							20.0000	0.21	4.20	4.20
Trans-Pecos Pivot	each			1.00	Oct				59.56			0.0083			59.56
Application 1	Ac. In			1.00	Oct			1.46		0.02	0.23	2.0000			1.69
Application 2	Ac. In			1.00	Nov			1.46		0.02	0.23	2.0000			1.69
NG Pumps	each			1.00	Oct				46.75			0.0060			46.75
Application 1	Ac In			1.00	Oct			12.43				2.0000			12.43
Application 2	Ac In			1.00	Nov			12.43				2.0000			12.43
TOTALS						9.59	11.41	30.63	113.97	0.90	9.04			70.40	245.04
INTEREST ON OPERATING CAPITAL															3.33
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															248.37

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