

Projections for Planning Purposes Only
 Not to be Used without Updating after December 1, 2006

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, 2007
 2007 Projected Costs and Returns per Heard

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-----			
Heavy Disk	14'	MFWD 150	0.145	2.00	Aug	5.29	6.22	1.08	3.03	0.29	2.92				18.54
Spray (Bcast/HB)	20' Rigid	2WD 50	0.084	2.00	Aug	0.96	0.74	0.40	0.64	0.25	2.54				5.28
Roundup Ultra	oz											128.0000	0.40	51.20	51.20
Field Cultivate	24'	MFWD 170	0.062	2.00	Aug	2.56	3.14	0.40	2.23	0.12	1.24				9.57
Grain Drill	20'	MFWD 170	0.094	1.00	Sep	1.94	2.38	0.97	2.49	0.18	1.88				9.66
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				67.99			0.0083			67.99
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
NG Pumps	each			1.00	Oct				51.28			0.0060			51.28
Application 1	Ac In							14.36				2.0000			14.36
Application 2	Ac In							14.36				2.0000			14.36
TOTALS						10.75	12.48	34.49	127.66	0.90	9.04			70.40	264.82
INTEREST ON OPERATING CAPITAL															4.12
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															268.94

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

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B-1241 (L6)

Table 15.D Estimated costs and returns per Ac
Alamo Switch Grass Establishment
Pivot Irrigated, Far West Texas, 2007
2007 Projected Costs and Returns per Heard

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	2.00	4.6032	9.21	_____
NATURAL GAS					
NG Pumps	Mcf	8.30	2.9792	24.72	_____
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	4.12	1.0000	4.12	_____
TOTAL DIRECT EXPENSES				----- 128.80	_____
RETURNS ABOVE DIRECT EXPENSES				-128.80	_____
FIXED EXPENSES					
Implements	Ac	8.39	1.0000	8.39	_____
Tractors	Ac	12.48	1.0000	12.48	_____
Trans-Pecos Pivot	each	8159.12	0.0083	67.99	_____
NG Pumps	each	8446.29	0.0060	51.28	_____
TOTAL FIXED EXPENSES				----- 140.14	_____
TOTAL SPECIFIED EXPENSES				----- 268.94	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-268.94	_____

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