

*Projections for Planning Purposes Only  
Not to be Used without Updating after January 1, 2009*

B-1241 (C6)

Table 27.D Estimated costs and returns per acre  
Alamo Switch Grass Full Season - baled  
Pivot Irrigated, Far West Texas, 2009

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Switch Grass	ton	165.00	3.1700	523.05	_____
				-----	
TOTAL INCOME				523.05	_____
DIRECT EXPENSES					
FERTILIZERS					
N-32 in Water	lb	0.25	20.0000	5.00	_____
Urea, Solid (46% N)	cwt	47.50	0.4500	21.38	_____
HERBICIDES					
2,4-D Amine 4	oz	0.11	40.0000	4.52	_____
Operator Labor					
Tractors	hour	11.50	0.7933	9.13	_____
Self-Propelled	hour	11.50	0.6600	7.59	_____
Irrigation Labor					
Trans-Pecos Pivot NG	hour	10.50	0.0263	0.27	_____
Hand Labor					
Special Labor	hour	10.50	0.1400	1.47	_____
Implements	hour	10.50	0.0423	0.44	_____
DIESEL FUEL					
Tractors	gal	2.60	3.7508	9.77	_____
Self-Propelled	gal	2.60	3.6000	9.36	_____
NATURAL GAS					
Trans-Pecos Pivot NG	Mcf	12.00	4.5650	54.78	_____
REPAIR & MAINTENANCE					
Implements	acre	0.69	1.0000	0.69	_____
Tractors	acre	1.01	1.0000	1.01	_____
Self-Propelled	acre	2.13	1.0000	2.13	_____
Trans-Pecos Pivot NG	ac-in	2.00	6.0000	12.03	_____
INTEREST ON OP. CAP.	acre	3.86	1.0000	3.86	_____
				-----	
TOTAL DIRECT EXPENSES				143.43	_____
RETURNS ABOVE DIRECT EXPENSES				379.62	_____
FIXED EXPENSES					
Implements	acre	4.66	1.0000	4.66	_____
Tractors	acre	6.85	1.0000	6.85	_____
Self-Propelled	acre	5.61	1.0000	5.61	_____
Trans-Pecos Pivot NG	each	11900.63	0.0083	99.17	_____
Switchgrass Estab.	acre	45.15	1.0000	45.15	_____
				-----	
TOTAL FIXED EXPENSES				161.44	_____
				-----	
TOTAL SPECIFIED EXPENSES				304.87	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				218.18	_____
RESIDUAL ITEMS					
Trans Pecos Irr Lnd	acre	40.00	1.0000	40.00	_____
RESIDUAL RETURNS				178.18	_____

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

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Table 27.A Estimated resource use and costs for field operations, per acre  
Alamo Switch Grass Full Season - baled  
Pivot Irrigated, Far West Texas, 2009

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	0.25	5.00	5.00		
Spray (Bcast/HB)	20' Rigid	2WD 50	0.084	1.00	May	0.62	0.32	0.20	0.28	0.12	1.41				2.83		
2,4-D Amine 4	oz											40.0000	0.11	4.52	4.52		
Rake	14 whl	2WD 50	0.050	1.00	May	0.36	0.19	0.02	0.12	0.05	0.58				1.27		
Swather	18ft		0.200			3.83	1.87			0.22	2.53				8.23		
Baler	3X4	2WD 105	0.100	1.00	May	1.57	1.07	0.10	0.84	0.10	1.15				4.73		
Bale Fork	1	2WD 105	0.033	1.00	May	0.52	0.36		0.08	0.03	0.38				1.34		
Hand Labor	hour			1.00	Jun					0.14	1.47				1.47		
Rake	14 whl	2WD 50	0.050	1.00	Jul	0.36	0.19	0.02	0.12	0.05	0.58				1.27		
Swather	18ft		0.200			3.83	1.87			0.22	2.53				8.23		
Baler	3X4	2WD 105	0.100	1.00	Jul	1.57	1.07	0.10	0.84	0.10	1.15				4.73		
Bale Fork	1	2WD 105	0.033	1.00	Jul	0.52	0.36		0.08	0.03	0.38				1.34		
Fert Spreader (dry)		2WD 50	0.033	1.00	Jul	0.25	0.13	0.02	0.04	0.03	0.39				0.83		
Urea, Solid (46% N)	cwt											0.4500	47.50	21.38	21.38		
Aerator	10	MFWD 105	0.125	1.00	Aug	2.56	1.54	0.11	1.22	0.12	1.44				6.87		
Rake	14 whl	2WD 50	0.050	1.00	Nov	0.36	0.19	0.02	0.12	0.05	0.58				1.27		
Swather	18ft		0.200			3.83	1.87			0.22	2.53				8.23		
Baler	3X4	2WD 105	0.100	1.00	Nov	1.57	1.07	0.10	0.84	0.10	1.15				4.73		
Bale Fork	1	2WD 105	0.033	1.00	Nov	0.52	0.36		0.08	0.03	0.38				1.34		
Trans-Pecos Pivot NG	each			1.00	Apr					99.17		0.0083			99.17		
Application 1	ac-in								22.27	0.00	0.09	2.0000			22.36		
Application 2	ac-in								22.27	0.00	0.09	2.0000			22.36		
Application 3	ac-in								22.27	0.00	0.09	2.0000			22.36		
Switchgrass Estab.	acre				Jan							1.0000			45.15		
TOTALS						22.27	12.46	67.50	103.83	1.66	18.90			30.90	301.01		
INTEREST ON OPERATING CAPITAL															3.86		
UNALLOCATED LABOR															0.00		
TOTAL SPECIFIED COST															304.87		

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