

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

B-1241 (C6)

Table 29.D Estimated costs and returns per acre
Sorghum-Sudangrass for Hay -- Irrigated-8 ton yield
Center Pivot Irrigated, Far West Texas, 2013

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Sorghum Hay	ton	158.00	5.0000	790.00	_____

TOTAL INCOME				790.00	_____
DIRECT EXPENSES					
FERTILIZERS					
Urea, Solid (46% N)	cwt	32.50	0.8900	28.93	_____
SEED/PLANTS					
Haygrazer Seed	lb	0.42	15.0000	6.30	_____
Operator Labor					
Tractors	hour	12.00	0.5529	6.63	_____
Self-Propelled	hour	12.00	0.4400	5.28	_____
Irrigation Labor					
Trans-Pecos Pivot NG	hour	11.00	0.0197	0.24	_____
Hand Labor					
Implements	hour	10.00	0.0942	0.94	_____
DIESEL FUEL					
Tractors	gal	3.65	3.9011	14.24	_____
Self-Propelled	gal	3.65	2.4000	8.76	_____
GASOLINE					
Pickup	gal	3.52	3.2160	11.32	_____
NATURAL GAS					
Trans-Pecos Pivot NG	Mcf	4.25	3.4237	14.58	_____
REPAIR & MAINTENANCE					
Implements	acre	2.01	1.0000	2.01	_____
Tractors	acre	1.28	1.0000	1.28	_____
Self-Propelled	acre	1.42	1.0000	1.42	_____
Pickup	ea	1200.00	0.0013	1.60	_____
Trans-Pecos Pivot NG	ac-in	2.00	4.5000	9.06	_____
INTEREST ON OP. CAP.	acre	2.25	1.0000	2.25	_____

TOTAL DIRECT EXPENSES				114.84	_____
RETURNS ABOVE DIRECT EXPENSES				675.16	_____
FIXED EXPENSES					
Implements	acre	5.63	1.0000	5.63	_____
Tractors	acre	8.72	1.0000	8.72	_____
Self-Propelled	acre	3.58	1.0000	3.58	_____
Pickup	each	5901.77	0.0003	1.97	_____
Trans-Pecos Pivot NG	each	11527.57	0.0041	48.03	_____

TOTAL FIXED EXPENSES				67.93	_____

TOTAL SPECIFIED EXPENSES				182.77	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				607.23	_____
RESIDUAL ITEMS					
Trans Pecos Irr Lnd	acre	40.00	1.0000	40.00	_____
RESIDUAL RETURNS				567.23	_____

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 29.A Estimated resource use and costs for field operations, per acre
 Sorghum-Sudangrass for Hay -- Irrigated-8 ton yield
 Center Pivot Irrigated, 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-----			
Chisel Plow(Folding)	24'	MFWD 190	0.076	1.00	Feb	3.00	1.84	0.44	0.86	0.07	0.92				7.06
Fert Spreader (dry)		2WD 50	0.033	1.00	Apr	0.34	0.12	0.02	0.04	0.03	0.40				0.92
Urea, Solid (46% N)	cwt											0.8900	32.50	28.93	28.93
Disk Harrow	24'	MFWD 190	0.081	1.00	Apr	3.20	1.97	0.38	0.89	0.08	0.98				7.42
Grain Drill	20'	MFWD 170	0.094	1.00	May	3.30	2.01	0.97	2.06	0.18	2.07				10.41
Haygrazer Seed	1b											15.0000	0.42	6.30	6.30
Baler	3X4	2WD 105	0.100	1.00	Aug	2.13	1.04	0.10	0.81	0.10	1.20				5.28
Swather	18ft		0.200			5.09	1.79			0.22	2.64				9.52
Bale Fork	1	2WD 105	0.033	1.00	Aug	0.71	0.35		0.08	0.03	0.40				1.54
Baler	3X4	2WD 105	0.100	1.00	Sep	2.13	1.04	0.10	0.81	0.10	1.20				5.28
Swather	18ft		0.200			5.09	1.79			0.22	2.64				9.52
Bale Fork	1	2WD 105	0.033	1.00	Sep	0.71	0.35		0.08	0.03	0.40				1.54
Pickup	each			1.00	Feb						1.97			0.0003	1.97
Application 1	ea							6.46						0.0006	6.46
Application 2	ea							6.46						0.0006	6.46
Trans-Pecos Pivot NG	each			1.00	Jun				48.03					0.0041	48.03
Application 1	ac-in							3.94		0.00	0.04			0.7500	3.98
Application 2	ac-in							3.94		0.00	0.04			0.7500	3.98
Application 3	ac-in							3.94		0.00	0.04			0.7500	3.98
Application 4	ac-in							3.94		0.00	0.04			0.7500	3.98
Application 5	ac-in							3.94		0.00	0.04			0.7500	3.98
Application 6	ac-in							3.94		0.00	0.04			0.7500	3.98
TOTALS						25.70	12.30	38.57	55.63	1.10	13.09			35.23	180.52
INTEREST ON OPERATING CAPITAL															2.25
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															182.77

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