

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

B-1241 (C12)

Table 7.A Estimated costs and returns per acre  
Grain Sorghum; Reduced Tillage, Furrow Irr.  
Projected for 2013, Rio Grande Valley, For Planning Purposes

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Grain Sorghum	cwt	10.50	43.0000	451.50	_____
				-----	
TOTAL INCOME				451.50	_____
DIRECT EXPENSES					
FERTILIZER					
Fert 25-10-0	tons	410.00	0.2000	82.00	_____
HERBICIDE					
Glyphosate	pt	1.79	3.2500	5.81	_____
AAtrex 4L	pt	2.28	2.0000	4.56	_____
IRRIGATION SUPPLIES					
Irrigation Water	ac-ft	20.00	0.4000	8.00	_____
SEED/PLANTS					
Grain Sorghum Seed	lb	3.35	6.0000	20.10	_____
CUSTOM HARVEST/HAUL					
Harvest/Haul Sorghum	cwt	0.90	43.0000	38.70	_____
OPERATOR LABOR					
Tractors	hour	9.00	0.2420	2.17	_____
Self-Propelled Eq.	hour	9.00	0.0330	0.29	_____
HAND LABOR					
Implements	hour	9.00	0.1110	0.99	_____
IRRIGATION LABOR					
Labor (Flood)	hour	9.00	1.0000	9.00	_____
Labor (Irr. Setup)	hour	9.00	0.1000	0.90	_____
UNALLOCATED LABOR	hour	9.00	0.2200	1.98	_____
DIESEL FUEL					
Tractors	gal	3.25	1.5754	5.12	_____
Self-Propelled Eq.	gal	3.25	0.0660	0.21	_____
REPAIR & MAINTENANCE					
Implements	acre	3.75	1.0000	3.75	_____
Tractors	acre	2.24	1.0000	2.24	_____
Self-Propelled Eq.	acre	0.53	1.0000	0.53	_____
INTEREST ON OP. CAP.	acre	7.48	1.0000	7.48	_____
				-----	
TOTAL DIRECT EXPENSES				193.89	_____
RETURNS ABOVE DIRECT EXPENSES				257.60	_____
FIXED EXPENSES					
Implements	acre	9.16	1.0000	9.16	_____
Tractors	acre	6.31	1.0000	6.31	_____
Self-Propelled Eq.	acre	0.97	1.0000	0.97	_____
				-----	
TOTAL FIXED EXPENSES				16.45	_____
				-----	
TOTAL SPECIFIED EXPENSES				210.34	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				241.15	_____
ALLOCATED COST ITEMS					
Share Rent %of Gross	%	451.50	33.0000	148.99	_____
RESIDUAL RETURNS				92.16	_____

Brand names are mentioned only as examples and imply no endorsement.

*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.*

Table 7.B Estimated resource use and costs for field operations, per acre  
 Grain Sorghum; Reduced Tillage, Furrow Irr.  
 Projected for 2013, Rio Grande Valley, For Planning Purposes

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF TIMES			TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Cult middle/lift bed	8R-40	105 hp	0.034	1.00	Oct	1.06	1.32	0.81	1.70	0.034	0.30				5.21
Roller Stalk Chopper	8-row	130 hp	0.040	1.00	Nov	1.21	0.96	0.35	0.77	0.040	0.36				3.66
Fert Appl (Liquid)	8R-40	130 hp	0.074	1.00	Jan	2.23	1.77	0.92	2.67	0.111	0.99				8.62
Fert 25-10-0	tons											0.2000	410.00	82.00	82.00
Glyphosate	pt											1.2500	1.79	2.23	2.23
Plant & Pre	8R-40	130 hp	0.074	1.00	Jan	2.23	1.77	1.59	3.81	0.148	1.33				10.76
Grain Sorghum Seed	lb											6.0000	3.35	20.10	20.10
AAtrex 4L	pt											2.0000	2.28	4.56	4.56
Ditcher	standard	130 hp	0.020	1.00	Apr	0.60	0.48	0.06	0.18	0.020	0.18				1.51
Labor (Irr. Setup)	hour									0.100	0.90				0.90
Labor (Flood)	hour			1.00	Apr					1.000	9.00				9.00
Irrigation Water	ac-ft											0.4000	20.00	8.00	8.00
Hi-Clear Sprayer	60'		0.033	1.00	Jul			0.75	0.97	0.033	0.29				2.01
Glyphosate	pt											2.0000	1.79	3.58	3.58
Harvest/Haul Sorghum	cwt			1.00	Jul							43.0000	0.90	38.70	38.70
TOTALS						7.36	6.31	4.50	10.13	1.486	13.37			159.17	200.87
INTEREST ON OPERATING CAPITAL															7.48
UNALLOCATED LABOR															1.98
TOTAL SPECIFIED COST															210.34

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