

*Projections for Planning Purposes Only  
Not to be Used without Updating after January 1, 2011*

B-1241 (C12)

Table 6.A Estimated costs and returns per acre  
Grain Sorghum; Conventional Tillage, Furrow Irr.  
Projected for 2011, Rio Grande Valley, For Planning Purposes

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Grain Sorghum	cwt	8.50	43.0000	365.50	_____
				-----	
TOTAL INCOME				365.50	_____
DIRECT EXPENSES					
FERTILIZER					
Fert 25-10-0	tons	310.00	0.2000	62.00	_____
HERBICIDE					
AAtrex 4L	pt	2.54	2.0000	5.08	_____
IRRIGATION SUPPLIES					
Irrigation Water	ac-ft	20.00	0.4000	8.00	_____
SEED/PLANTS					
Grain Sorghum Seed	lb	2.89	6.0000	17.34	_____
CUSTOM HARVEST/HAUL					
Harvest/Haul Sorghum	cwt	0.59	43.0000	25.37	_____
OPERATOR LABOR					
Tractors	hour	7.50	0.9040	6.78	_____
HAND LABOR					
Implements	hour	7.50	0.1110	0.83	_____
IRRIGATION LABOR					
Labor (Flood)	hour	7.50	1.0000	7.50	_____
Labor (Irr. Setup)	hour	7.50	0.1000	0.75	_____
UNALLOCATED LABOR	hour	7.50	0.7232	5.42	_____
DIESEL FUEL					
Tractors	gal	2.50	6.8313	17.07	_____
REPAIR & MAINTENANCE					
Implements	acre	6.27	1.0000	6.27	_____
Tractors	acre	5.77	1.0000	5.77	_____
INTEREST ON OP. CAP.	acre	7.37	1.0000	7.37	_____
				-----	
TOTAL DIRECT EXPENSES				175.59	_____
RETURNS ABOVE DIRECT EXPENSES				189.90	_____
FIXED EXPENSES					
Implements	acre	14.95	1.0000	14.95	_____
Tractors	acre	16.88	1.0000	16.88	_____
				-----	
TOTAL FIXED EXPENSES				31.83	_____
				-----	
TOTAL SPECIFIED EXPENSES				207.42	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				158.07	_____
ALLOCATED COST ITEMS					
Share Rent %of Gross	%	365.50	33.0000	120.61	_____
RESIDUAL RETURNS				37.45	_____

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Table 6.B Estimated resource use and costs for field operations, per acre  
Grain Sorghum; Conventional Tillage, Furrow Irr.  
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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-----			
Heavy Disk	14'	150 hp	0.167	1.00	Sep	4.10	2.65	0.98	1.91	0.167	1.25				10.91
Heavy Disk	14'	150 hp	0.167	1.00	Oct	4.10	2.65	0.98	1.91	0.167	1.25				10.91
Lister Bedder	8R-40	190 hp	0.070	1.00	Nov	2.15	1.31	0.20	0.61	0.070	0.52				4.82
Fert Appl (Liquid)	8R-40	130 hp	0.074	1.00	Jan	1.86	1.77	0.92	2.67	0.111	0.83				8.08
Fert 25-10-0	tons											0.2000	310.00	62.00	62.00
Lilliston Cultivator	8R-40	130 hp	0.095	1.00	Jan	2.39	2.28	0.63	1.43	0.095	0.71				7.45
Plant & Pre	8R-40	150 hp	0.074	1.00	Jan	1.82	1.17	1.59	3.81	0.148	1.11				9.52
Grain Sorghum Seed	lb											6.0000	2.89	17.34	17.34
AAtrex 4L	pt											2.0000	2.54	5.08	5.08
Lilliston Cultivator	8R-40	130 hp	0.095	1.00	Mar	2.39	2.28	0.63	1.43	0.095	0.71				7.45
Ditcher	standard	130 hp	0.020	1.00	Apr	0.50	0.48	0.06	0.18	0.020	0.15				1.38
Labor (Irr. Setup)	hour									0.100	0.75	0.1000			0.75
Labor (Flood)	hour			1.00	Apr					1.000	7.50	1.0000			7.50
Irrigation Water	ac-ft											0.4000	20.00	8.00	8.00
Harvest/Haul Sorghum	cwt			1.00	Jul							43.0000	0.59	25.37	25.37
Stalk Shredder	12'	150 hp	0.142	1.00	Aug	3.49	2.25	0.24	0.95	0.142	1.06				8.01
TOTALS						22.85	16.88	6.27	14.95	2.115	15.86			117.79	194.62
INTEREST ON OPERATING CAPITAL															7.37
UNALLOCATED LABOR															5.42
TOTAL SPECIFIED COST															207.42

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