

Table 7.A Estimated costs and returns per acre
 Grain Sorghum; Reduced Tillage, Furrow Irr.
 Projected for 2003, Rio Grande Valley, For Planning Purposes

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Grain Sorghum	cwt	4.15	43.0000	178.45	_____

TOTAL INCOME				178.45	_____
DIRECT EXPENSES					
FERTILIZER					
Fert 25-10-0	tons	272.22	0.2000	54.44	_____
HERBICIDE					
Roundup Ultra 4SL	pt	4.56	3.2500	14.82	_____
AAtrex 4L	pt	1.55	2.0000	3.10	_____
IRRIGATION SUPPLIES					
Irrigation Water	ac-ft	16.23	0.4000	6.49	_____
SEED/PLANTS					
Grain Sorghum Seed	lb	1.04	6.0000	6.24	_____
CUSTOM HARVEST/HAUL					
Harvest/Haul Sorghum	cwt	0.60	43.0000	25.80	_____
OPERATOR LABOR					
Tractors	hour	8.31	0.2420	2.01	_____
Self-Propelled Eq.	hour	8.31	0.0330	0.27	_____
HAND LABOR					
Implements	hour	6.91	0.1110	0.76	_____
IRRIGATION LABOR					
Labor (Flood)	hour	6.91	1.0000	6.91	_____
Labor (Irr. Setup)	hour	6.91	0.1000	0.69	_____
UNALLOCATED LABOR					
	hour	8.31	0.2200	1.82	_____
DIESEL FUEL					
Tractors	gal	1.12	1.5754	1.76	_____
Self-Propelled Eq.	gal	1.12	0.0660	0.07	_____
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	6.70	1.0000	6.70	_____

TOTAL DIRECT EXPENSES				138.46	_____
RETURNS ABOVE DIRECT EXPENSES				39.98	_____
FIXED EXPENSES					
Implements	acre	9.59	1.0000	9.59	_____
Tractors	acre	6.72	1.0000	6.72	_____
Self-Propelled Eq.	acre	1.00	1.0000	1.00	_____

TOTAL FIXED EXPENSES				17.32	_____

TOTAL SPECIFIED EXPENSES				155.78	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				22.66	_____
ALLOCATED COST ITEMS					
Sorghum Share Rent	%	178.45	33.0000	58.88	_____
RESIDUAL RETURNS				-36.22	_____

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

*Projections for Planning Purposes Only
Not to be Used without Updating after February 15, 2003*

B-1241 (C12)

Table 7.B Estimated resource use and costs for field operations, per acre
Grain Sorghum; Reduced Tillage, Furrow Irr.
Projected for 2003, Rio Grande Valley, For Planning Purposes Only

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						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	0.67	1.40	0.81	1.79	0.034	0.28					4.97
Roller Stalk Chopper	8-row	130 hp	0.040	1.00	Nov	0.64	1.02	0.35	0.81	0.040	0.33					3.15
Fert Appl (Liquid)	8R-40	130 hp	0.074	1.00	Jan	1.18	1.89	0.92	2.77	0.111	0.87					7.65
Fert 25-10-0	tons											0.2000	272.22	54.44		54.44
Roundup Ultra 4SL	pt											1.2500	4.56	5.70		5.70
Plant & Pre	8R-40	130 hp	0.074	1.00	Jan	1.18	1.89	1.59	4.01	0.148	1.12					9.81
Grain Sorghum Seed	lb											6.0000	1.04	6.24		6.24
AAtrex 4L	pt											2.0000	1.55	3.10		3.10
Ditcher	standard	130 hp	0.020	1.00	Apr	0.32	0.51	0.06	0.18	0.020	0.16					1.25
Labor (Irr. Setup)	hour									0.100	0.69	0.1000				0.69
Labor (Flood)	hour			1.00	Apr					1.000	6.91	1.0000				6.91
Irrigation Water	ac-ft											0.4000	16.23	6.49		6.49
Hi-Clear Sprayer	60'		0.033	1.00	Jul			0.61	1.00	0.033	0.27					1.89
Roundup Ultra 4SL	pt											2.0000	4.56	9.12		9.12
Harvest/Haul Sorghum	cwt			1.00	Jul							43.0000	0.60	25.80		25.80
TOTALS						4.00	6.72	4.36	10.60	1.486	10.65			110.89		147.24
INTEREST ON OPERATING CAPITAL																6.70
UNALLOCATED LABOR																1.82
TOTAL SPECIFIED COST																155.78

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