

*Projections for Planning Purposes Only
Not to be Used without Updating after November 1, 2005*

B-1241 (C8)

Table 8.A Estimated costs and returns per Acre
Grain Sorghum
2006 Projected Costs and Returns per acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sorghum	cwt.	3.80	45.0000	171.00	_____

TOTAL INCOME				171.00	_____
DIRECT EXPENSES					
CROP INSURANCE					
Sorgh Ins APH 65/100	Ac.	4.34	1.0000	4.34	_____
CUSTOM					
dry fert. rig	acre	3.00	1.0000	3.00	_____
Custom Combine Sorgh	Acre	14.00	1.0000	14.00	_____
Custom Hauling CWT	CWT	0.25	45.0000	11.25	_____
FERTILIZER					
fert 18-46-0	lb.	0.16	100.0000	16.00	_____
fert 82-0-0	lb.	0.14	100.0000	14.30	_____
HERBICIDE					
herb, pre-emerg sorg	Quart	6.50	1.5000	9.75	_____
INSECTICIDE					
Sorghum Insect Soil	acre	8.00	2.5000	20.00	_____
Insecticide - Midge	acre	3.00	1.0000	3.00	_____
SEED					
Seed Sorghum treated	Lb.	1.40	6.0000	8.40	_____
OPERATOR LABOR					
Tractors	hour	11.50	0.4510	5.18	_____
Self-Propelled Eq.	hour	11.50	0.0360	0.41	_____
DIESEL FUEL					
Tractors	gal	2.50	4.0057	10.01	_____
Self-Propelled Eq.	gal	2.50	0.2751	0.68	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.46	1.0000	4.46	_____
Tractors	Acre	2.92	1.0000	2.92	_____
Self-Propelled Eq.	Acre	0.64	1.0000	0.64	_____
INTEREST ON OP. CAP.	Acre	5.45	1.0000	5.45	_____

TOTAL DIRECT EXPENSES				133.82	_____
RETURNS ABOVE DIRECT EXPENSES				37.17	_____
FIXED EXPENSES					
Implements	Acre	10.00	1.0000	10.00	_____
Tractors	Acre	7.33	1.0000	7.33	_____
Self-Propelled Eq.	Acre	1.02	1.0000	1.02	_____

TOTAL FIXED EXPENSES				18.37	_____

TOTAL SPECIFIED EXPENSES				152.19	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				18.80	_____
ALLOCATED COST ITEMS					
CASH RENT CROPLAND	acre	25.00	1.0000	25.00	_____
RESIDUAL RETURNS				-6.19	_____

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Table 8.B Estimated resource use and costs for field operations, per Acre
Grain Sorghum
2006 Projected Costs and Returns per acre

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPER
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT
						-----dollars-----				dollars		
Shredder	20 foot	200 hp	0.147	1.00	Aug	4.64	2.63	0.30	1.00	0.161	1.85	
Tandem Disk	30 ft.	200 hp	0.076	1.00	Oct	2.39	1.35	1.01	1.68	0.083	0.96	
dry fert. rig	acre			1.00	Jan							1.0000
fert 18-46-0	lb.											100.0000
Field Cultivator	32 ft.	200 hp	0.047	1.00	Feb	1.48	0.84	0.54	1.12	0.051	0.59	
fert 82-0-0	lb.											100.0000
Planter Pull	12 row	200 hp	0.140	1.00	Mar	4.41	2.50	2.60	6.18	0.154	1.77	
Seed Sorghum treated	Lb.											6.0000
Sorghum Insect Soil	acre											2.5000
herb, pre-emerg sorg	Quart											1.5000
High Boy Spryr	60' Boom		0.030	1.00	Jun			1.33	1.02	0.036	0.41	
Insecticide - Midge	acre											1.0000
Custom Combine Sorg	Acre			1.00	Aug							1.0000
Custom Hauling CWT	CWT											45.0000
Sorg Ins APH 65/100	Ac.			1.00	Aug							1.0000
TOTALS						12.94	7.33	5.79	11.03	0.487	5.60	
INTEREST ON OPERATING CAPITAL												
UNALLOCATED LABOR												
TOTAL SPECIFIED COST												

*Information presented is prepared solely as a general guide & not intended to recognize or predict the costs & returns from any one operation.
These projections were collected & developed by TCE staff & approved for publication.*