

*Projections for Planning Purposes Only
Not to be Used without Updating after October 15, 2004*

B-1241 (C8)

Table 12.A Estimated costs and returns per Acre
Grain Sorghum (Fall Fertilizer)
2005 Projected Costs and Returns per acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sorghum	cwt.	3.80	35.0000	133.00	_____

TOTAL INCOME				133.00	_____
DIRECT EXPENSES					
CROP INSURANCE					
Sorg Ins APH 65/100	Ac.	4.34	1.0000	4.34	_____
CUSTOM					
dry fert. rig	acre	3.00	1.0000	3.00	_____
Custom Combine Sorg	Acre	13.00	1.0000	13.00	_____
Custom Hauling CWT	CWT	0.25	35.0000	8.75	_____
FERTILIZER					
fert 18-46-0	lb.	0.13	80.0000	11.17	_____
fert 82-0-0	lb.	0.14	100.0000	14.30	_____
HERBICIDE					
herb, pre-emerg sorg	Quart	6.50	1.5000	9.75	_____
herb, post-emerg sor	oz	9.80	0.5000	4.90	_____
INSECTICIDE					
Sorghum Insect Soil	Lb.	2.40	2.5000	6.00	_____
Baythroid	Oz	3.13	2.5000	7.82	_____
SEED					
Seed Sorghum treated	Lb.	1.40	6.0000	8.40	_____
OPERATOR LABOR					
Tractors	hour	6.50	0.3542	2.30	_____
Self-Propelled Eq.	hour	6.50	0.0720	0.46	_____
DIESEL FUEL					
Tractors	gal	1.73	2.7379	4.73	_____
Self-Propelled Eq.	gal	1.73	0.5502	0.95	_____
REPAIR & MAINTENANCE					
Implements	Acre	3.64	1.0000	3.64	_____
Tractors	Acre	2.08	1.0000	2.08	_____
Self-Propelled Eq.	Acre	1.28	1.0000	1.28	_____
INTEREST ON OP. CAP.	Acre	2.29	1.0000	2.29	_____

TOTAL DIRECT EXPENSES				109.21	_____
RETURNS ABOVE DIRECT EXPENSES				23.78	_____
FIXED EXPENSES					
Implements	Acre	6.62	1.0000	6.62	_____
Tractors	Acre	5.22	1.0000	5.22	_____
Self-Propelled Eq.	Acre	2.04	1.0000	2.04	_____

TOTAL FIXED EXPENSES				13.90	_____

TOTAL SPECIFIED EXPENSES				123.11	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				9.88	_____
ALLOCATED COST ITEMS					
CASH RENT CROPLAND	acre	25.00	1.0000	25.00	_____
RESIDUAL RETURNS				-15.11	_____

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Table 12.B Estimated resource use and costs for field operations, per Acre
 Grain Sorghum (Fall Fertilizer)
 2005 Projected Costs and Returns per acre

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-----			
Tandem Disk	30 ft.	MFWD 150	0.076	1.00	Oct	1.47	1.15	1.01	1.68	0.083	0.54				5.87
Tandem Disk	30 ft.	MFWD 200	0.076	1.00	Oct	1.82	1.35	1.01	1.68	0.083	0.54				6.43
dry fert. rig	acre			1.00	Oct							1.0000	3.00	3.00	3.00
fert 18-46-0	lb.											80.0000	0.13	11.17	11.17
Field Cultivator	32 ft.	MFWD 200	0.047	1.00	Oct	1.13	0.84	0.54	1.12	0.051	0.33				3.98
fert 82-0-0	lb.											100.0000	0.14	14.30	14.30
Planter 3pt	12 row	MFWD 150	0.065	1.00	Mar	1.26	0.98	0.83	1.70	0.071	0.46				5.25
Seed Sorghum treated	Lb.											6.0000	1.40	8.40	8.40
Sorghum Insect Soil	Lb.											2.5000	2.40	6.00	6.00
herb, pre-emerg sorg	Quart											1.5000	6.50	9.75	9.75
Cultivator	12R-30	MFWD 150	0.058	1.00	Apr	1.12	0.88	0.23	0.41	0.063	0.41				3.07
High Boy Spryr	60' Boom		0.030	1.00	Apr			1.11	1.02	0.036	0.23				2.37
herb, post-emerg sor oz												0.5000	9.80	4.90	4.90
High Boy Spryr	60' Boom		0.030	1.00	Jun			1.11	1.02	0.036	0.23				2.37
Baythroid	Oz											2.5000	3.13	7.82	7.82
Custom Combine Sorg	Acre			1.00	Aug							1.0000	13.00	13.00	13.00
Custom Hauling CWT	CWT											35.0000	0.25	8.75	8.75
Sorg Ins APH 65/100	Ac.			1.00	Aug							1.0000	4.34	4.34	4.34
TOTALS						6.82	5.22	5.88	8.67	0.426	2.77			91.44	120.81
INTEREST ON OPERATING CAPITAL															2.29
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															123.11

*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.*