

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

B-1241 (C10)

Table 16.A Estimated costs and returns per acre
Sorghum, Dryland
2005 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sorghum	cwt	4.40	30.0000	132.00	_____

TOTAL INCOME				132.00	_____
DIRECT EXPENSES					
SEED					
seed sorghum	lb	1.00	5.5000	5.50	_____
CROP INSURANCE					
crop ins. sorg d	acre	5.54	1.0000	5.54	_____
INSECTICIDE					
insect sorghum 1	acre	10.00	0.5000	5.00	_____
FERTILIZER					
phospate	lb	0.38	30.0000	11.52	_____
nitrogen n32	lb	0.34	40.0000	13.60	_____
MISC ADMIN O/H					
mis admin o/h sorg	acre	16.00	0.3000	4.80	_____
HERBICIDES					
herbicide sorghum	acre	10.00	1.0000	10.00	_____
CUSTOM					
herb appl	acre	4.50	1.0000	4.50	_____
cust appl - milo	acre	3.00	1.0000	3.00	_____
insec appl - milo	acre	4.50	0.5000	2.25	_____
cstm haul sorghum	cwt	0.25	30.0000	7.50	_____
cstm hvst sorg dry	acre	20.00	1.0000	20.00	_____
OPERATOR LABOR					
Tractors	hour	8.90	0.8642	7.69	_____
DIESEL FUEL					
Tractors	gal	1.60	6.9155	11.06	_____
GASOLINE					
Pick-up, 3/4 ton	gal	2.15	0.9100	1.95	_____
REPAIR & MAINTENANCE					
Implements	acre	8.71	1.0000	8.71	_____
Tractors	acre	10.37	1.0000	10.37	_____
Pick-up, 3/4 ton	acre	1.00	1.0000	1.00	_____
INTEREST ON OP. CAP.	acre	4.77	1.0000	4.77	_____

TOTAL DIRECT EXPENSES				138.78	_____
RETURNS ABOVE DIRECT EXPENSES				-6.78	_____
FIXED EXPENSES					
Implements	acre	17.73	1.0000	17.73	_____
Tractors	acre	17.73	1.0000	17.73	_____
Pick-up, 3/4 ton	acre	3.00	1.0000	3.00	_____

TOTAL FIXED EXPENSES				38.47	_____

TOTAL SPECIFIED EXPENSES				177.25	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-45.25	_____
ALLOCATED COST ITEMS					
cash rent sorg dry	acre	25.00	1.0000	25.00	_____
RESIDUAL RETURNS				-70.25	_____

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Table 16.B Estimated resource use and costs for field operations, per acre
Sorghum, Dryland
2005 Projected Costs and Returns per Acre

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-----				
shredder		100	0.199	1.00	Aug	3.81	3.58	0.58	0.91	0.199	1.77					10.68
chisel		225	0.152	1.00	Aug	5.21	3.90	0.28	0.51	0.152	1.35					11.28
offset disc 20 ft	20 ft	200	0.103	1.00	Sep	2.72	2.11	3.09	6.43	0.103	0.91					15.27
offset disc 20 ft	20 ft	200	0.103	1.00	Dec	2.72	2.11	3.09	6.43	0.103	0.91					15.27
Pick-up, 3/4 ton	acre			1.00	Jan			2.95	3.00			1.0000				5.95
crop ins. sorg d	acre											1.0000	5.54	5.54		5.54
herbicide sorghum	acre			1.00	Feb							1.0000	10.00	10.00		10.00
herb appl	acre											1.0000	4.50	4.50		4.50
phospate	lb			1.00	Feb							30.0000	0.38	11.52		11.52
nitrogen n32	lb											40.0000	0.34	13.60		13.60
cust appl - milo	acre											1.0000	3.00	3.00		3.00
planter-max emerge m		150	0.100	1.00	Feb	2.20	1.65	0.59	1.23	0.100	0.89					6.57
seed sorghum	lb											5.5000	1.00	5.50		5.50
cultivator 8 row	8 row	125	0.103	1.00	Mar	2.37	2.17	0.53	1.10	0.103	0.91					7.10
insec appl - milo	acre			0.50	Apr							0.5000	4.50	2.25		2.25
insect sorghum 1	acre											0.5000	10.00	5.00		5.00
cultivator 8 row	8 row	125	0.103	1.00	May	2.37	2.17	0.53	1.10	0.103	0.91					7.10
mis admin o/h sorg	acre			1.00	Jun							0.3000	16.00	4.80		4.80
cstm haul sorghum	cwt			1.00	Jul							30.0000	0.25	7.50		7.50
cstm hvst sorg dry	acre											1.0000	20.00	20.00		20.00
TOTALS						21.44	17.73	11.67	20.73	0.864	7.69			93.21		172.48
INTEREST ON OPERATING CAPITAL																4.77
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																177.25

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.