

Table 16.A Estimated costs and returns per acre
 Sorghum, Dryland
 2006 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	0.42	30.0000	12.60	_____
nitrogen n32	lb	0.37	40.0000	14.80	_____
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	15.00	1.0000	15.00	_____
cstm hvst sorghum	cwt	0.25	30.0000	7.50	_____
OPERATOR LABOR					
Tractors	hour	8.40	0.8062	6.77	_____
DIESEL FUEL					
Tractors	gal	2.00	5.9132	11.82	_____
GASOLINE					
Pick-up, 3/4 ton	gal	2.20	0.9100	2.00	_____
REPAIR & MAINTENANCE					
Implements	acre	3.71	1.0000	3.71	_____
Tractors	acre	9.75	1.0000	9.75	_____
Pick-up, 3/4 ton	acre	1.00	1.0000	1.00	_____
INTEREST ON OP. CAP.	acre	4.45	1.0000	4.45	_____

TOTAL DIRECT EXPENSES				137.50	_____
RETURNS ABOVE DIRECT EXPENSES				-5.50	_____
FIXED EXPENSES					
Implements	acre	7.46	1.0000	7.46	_____
Tractors	acre	16.66	1.0000	16.66	_____
Pick-up, 3/4 ton	acre	3.00	1.0000	3.00	_____

TOTAL FIXED EXPENSES				27.12	_____

TOTAL SPECIFIED EXPENSES				164.63	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-32.63	_____
ALLOCATED COST ITEMS					
cash rent sorg dry	acre	20.00	1.0000	20.00	_____
RESIDUAL RETURNS				-52.63	_____

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

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Table 16.B Estimated resource use and costs for field operations, per acre
 Sorghum, Dryland
 2006 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-----			
shredder		100	0.130	1.00	Aug	2.77	2.34	0.38	0.60	0.130	1.09				7.19
chisel		225	0.110	1.00	Aug	4.28	2.81	0.20	0.37	0.110	0.92				8.59
offset disc	12-foot	125	0.130	1.00	Sep	3.34	2.74	0.73	1.52	0.130	1.09				9.44
offset disc	12-foot	125	0.130	1.00	Dec	3.34	2.74	0.73	1.52	0.130	1.09				9.44
Pick-up, 3/4 ton	acre			1.00	Jan			3.00	3.00			1.0000			6.00
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	0.42	12.60	12.60
nitrogen n32	lb											40.0000	0.37	14.80	14.80
cust appl - milo	acre											1.0000	3.00	3.00	3.00
planter-max emerge m		150	0.100	1.00	Feb	2.51	1.65	0.59	1.23	0.100	0.84				6.83
seed sorghum	lb											5.5000	1.00	5.50	5.50
cultivator 8 row	8 row	125	0.103	1.00	Mar	2.65	2.17	0.53	1.10	0.103	0.86				7.33
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	2.65	2.17	0.53	1.10	0.103	0.86				7.33
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	15.00	15.00	15.00
cstm hvst sorghum	cwt											30.0000	0.25	7.50	7.50
TOTALS						21.57	16.66	6.71	10.46	0.806	6.77			97.99	160.18
INTEREST ON OPERATING CAPITAL															4.45
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															164.63

*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.*