

*Projections for Planning Purposes Only
Not to be Used without Updating
after November 1, 2006*

B-1241 (C1&2)

Table 16.A Estimated costs and returns per Acre
Cont. Sorghum, Sprinkler Irrigated, (NG)
2007 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sorghum	cwt	5.60	70.0000	392.00	_____

TOTAL INCOME				392.00	_____
DIRECT EXPENSES					
SEED					
seed - sorghum	lb.	1.25	4.5000	5.62	_____
FERTILIZER					
fert(N) - ANH ₃	lb.	0.20	60.0000	12.00	_____
fert(P) - liquid	lb.	0.41	50.0000	20.50	_____
fert(N) - liquid	lb.	0.35	40.0000	14.00	_____
CUSTOM					
fert appl - ANH ₃	acre	9.00	1.0000	9.00	_____
herb&appl-sorghumi	acre	21.12	1.0000	21.12	_____
insec+appl - sorghum	appl	13.00	0.3300	4.29	_____
harvest & haul - sor	cwt.	0.53	70.0000	37.10	_____
OPERATOR LABOR					
Implements	hour	9.10	0.5437	4.94	_____
Tractors	hour	9.10	0.6058	5.51	_____
HAND LABOR					
Implements	hour	9.10	0.1527	1.38	_____
IRRIGATION LABOR					
Center Pivot	hour	9.10	0.8960	8.15	_____
DIESEL FUEL					
Tractors	gal	2.00	3.1646	6.32	_____
GASOLINE					
Pickup	gal	2.25	2.0100	4.52	_____
IRRIGATION ENERGY					
Center Pivot	Mcf	8.30	14.0000	116.20	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.37	1.0000	7.37	_____
Tractors	Acre	7.72	1.0000	7.72	_____
Pickup	Acre	0.16	1.0000	0.16	_____
Center Pivot	ac-in	2.03	14.0000	28.42	_____
INTEREST ON OP. CAP.	Acre	12.02	1.0000	12.02	_____

TOTAL DIRECT EXPENSES				326.40	_____
RETURNS ABOVE DIRECT EXPENSES				65.59	_____
FIXED EXPENSES					
Implements	Acre	13.43	1.0000	13.43	_____
Tractors	Acre	14.07	1.0000	14.07	_____
Pickup	Acre	0.30	1.0000	0.30	_____
Center Pivot	Acre	33.60	1.0000	33.60	_____

TOTAL FIXED EXPENSES				61.42	_____

TOTAL SPECIFIED EXPENSES				387.82	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				4.17	_____
ALLOCATED COST ITEMS					
cash rent - sorghumf	acre	45.00	1.0000	45.00	_____
RESIDUAL RETURNS				-40.82	_____

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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.

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Table 16.B Estimated resource use and costs for field operations, per Acre
 Cont. Sorghum, Sprinkler Irrigated, (NG)
 2007 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-----															
disc	tandem	100	0.138	1.00	Feb	3.33	3.48	1.52	2.56	0.303	2.76				13.66
chisel		125	0.099	1.00	Mar	2.91	2.99	0.69	1.32	0.219	1.99				9.93
fert(N) - ANH ₃	lb.			1.00	Mar							60.0000	0.20	12.00	12.00
fert appl - ANH ₃	acre											1.0000	9.00	9.00	9.00
disc	tandem	100	0.138	1.00	Mar	3.33	3.48	1.52	2.56	0.303	2.76				13.66
Center Pivot	ac-in			1.00	May			20.66	33.60	0.128	1.16	2.0000			55.42
rod weeder	8 row	100	0.077	1.00	May	1.87	1.95	1.11	2.13	0.170	1.55				8.63
planter	bed	75	0.152	1.00	May	2.60	2.15	2.51	4.83	0.305	2.77				14.88
seed - sorghum	lb.											4.5000	1.25	5.62	5.62
fert(P) - liquid	lb.											50.0000	0.41	20.50	20.50
herb&appl-sorghumi	acre			1.00	May							1.0000	21.12	21.12	21.12
Center Pivot	ac-in			2.00	Jun			30.99		0.192	1.74	3.0000			32.73
fert(N) - liquid	lb.											40.0000	0.35	14.00	14.00
Pickup Truck	3/4 ton		0.006	20.00	Jun			4.68	0.30						4.99
insec+appl - sorghum	appl			1.00	Jul							0.3300	13.00	4.29	4.29
Center Pivot	ac-in			4.00	Jul			61.98		0.384	3.49	6.0000			65.47
Center Pivot	ac-in			2.00	Aug			30.99		0.192	1.74	3.0000			32.73
harvest & haul - sor	cwt.			1.00	Oct							70.0000	0.53	37.10	37.10
TOTALS						14.05	14.07	156.68	47.34	2.198	20.00			123.63	375.79
INTEREST ON OPERATING CAPITAL															12.02
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															387.82

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