

*Projections for Planning Purposes Only  
Not to be Used without Updating after November 1, 2007*

B-1241 (C1)

Table 16.A Estimated costs and returns per Acre  
Cont. Sorghum, Sprinkler Irrigated, (NG)  
2008 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sorghum	cwt	6.43	70.0000	450.10	_____
				-----	
TOTAL INCOME				450.10	_____
DIRECT EXPENSES					
SEED					
seed - sorghum	lb.	1.35	4.5000	6.07	_____
FERTILIZER					
fert(N) - ANH <sub>3</sub>	lb.	0.28	60.0000	16.80	_____
fert(P) - liquid	lb.	0.54	50.0000	27.00	_____
fert(N) - liquid	lb.	0.57	40.0000	22.80	_____
CUSTOM					
fert appl - ANH <sub>3</sub>	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	2.65	3.1646	8.38	_____
GASOLINE					
Pickup	gal	2.90	2.0100	5.82	_____
NATURAL GAS					
Center Pivot	ac-in	8.25	14.0000	115.50	_____
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	10.70	1.0000	10.70	_____
				-----	
TOTAL DIRECT EXPENSES				348.29	_____
RETURNS ABOVE DIRECT EXPENSES				101.80	_____
FIXED EXPENSES					
Implements	Acre	12.55	1.0000	12.55	_____
Tractors	Acre	12.84	1.0000	12.84	_____
Pickup	Acre	0.28	1.0000	0.28	_____
Center Pivot	Acre	33.60	1.0000	33.60	_____
				-----	
TOTAL FIXED EXPENSES				59.27	_____
				-----	
TOTAL SPECIFIED EXPENSES				407.57	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				42.52	_____
ALLOCATED COST ITEMS					
cash rent - sorghumf	acre	60.00	1.0000	60.00	_____
RESIDUAL RETURNS				-17.47	_____

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Table 16.B Estimated resource use and costs for field operations, per Acre  
 Cont. Sorghum, Sprinkler Irrigated, (NG)  
 2008 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-----				
disc	tandem	100	0.138	1.00	Feb	3.81	3.17	1.52	2.39	0.303	2.76					13.68
chisel		125	0.099	1.00	Mar	3.35	2.73	0.69	1.24	0.219	1.99					10.01
fert(N) - ANH <sub>3</sub>	lb.			1.00	Mar							60.0000	0.28	16.80		16.80
fert appl - ANH <sub>3</sub>	acre											1.0000	9.00	9.00		9.00
disc	tandem	100	0.138	1.00	Mar	3.81	3.17	1.52	2.39	0.303	2.76					13.68
Center Pivot	ac-in			1.00	May			20.56	33.60	0.128	1.16	2.0000				55.32
rod weeder	8 row	100	0.077	1.00	May	2.14	1.78	1.11	1.99	0.170	1.55					8.59
planter	bed	75	0.152	1.00	May	2.98	1.96	2.51	4.52	0.305	2.77					14.76
seed - sorghum	lb.											4.5000	1.35	6.07		6.07
fert(P) - liquid	lb.											50.0000	0.54	27.00		27.00
herb&appl-sorghumi	acre			1.00	May							1.0000	21.12	21.12		21.12
Center Pivot	ac-in			2.00	Jun			30.84		0.192	1.74	3.0000				32.58
fert(N) - liquid	lb.											40.0000	0.57	22.80		22.80
Pickup Truck	3/4 ton		0.006	20.00	Jun			5.99	0.28							6.27
insec+appl - sorghum	appl			1.00	Jul							0.3300	13.00	4.29		4.29
Center Pivot	ac-in			4.00	Jul			61.68		0.384	3.49	6.0000				65.17
Center Pivot	ac-in			2.00	Aug			30.84		0.192	1.74	3.0000				32.58
harvest & haul - sor cwt.				1.00	Oct							70.0000	0.53	37.10		37.10
TOTALS						16.11	12.84	157.29	46.43	2.198	20.00			144.18		396.87
INTEREST ON OPERATING CAPITAL																10.70
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																407.57

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