

Projections for Planning Purposes Only
Not to be Used without Updating after October 15, 2005

B-1241 (C1&2)

Table 16.A Estimated costs and returns per Acre
Cont. Sorghum, Sprinkler Irrigated, (NG)
2006 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sorghum	cwt	4.15	70.0000	290.50	_____

TOTAL INCOME				290.50	_____
DIRECT EXPENSES					
SEED					
seed - sorghum	lb.	1.25	5.0000	6.25	_____
FERTILIZER					
fert(N) - ANH3	lb.	0.30	60.0000	18.00	_____
fert(P) - liquid	lb.	0.37	50.0000	18.50	_____
fert(N) - liquid	lb.	0.40	40.0000	16.00	_____
CUSTOM					
fert appl - ANH3	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	8.00	0.5437	4.34	_____
Tractors	hour	8.00	0.6058	4.84	_____
HAND LABOR					
Implements	hour	8.00	0.1527	1.22	_____
IRRIGATION LABOR					
irrig.-CP(nat. gas)	hour	8.00	0.8960	7.16	_____
DIESEL FUEL					
Tractors	gal	2.16	3.1646	6.83	_____
GASOLINE					
Self-Propelled Eq.	gal	2.20	2.0100	4.42	_____
NATURAL GAS					
irrig.-CP(nat. gas)	Mcf	10.00	14.0000	140.00	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.37	1.0000	7.37	_____
Tractors	Acre	7.72	1.0000	7.72	_____
Self-Propelled Eq.	Acre	0.16	1.0000	0.16	_____
irrig.-CP(nat. gas)	ac-in	2.03	14.0000	28.42	_____
INTEREST ON OP. CAP.	Acre	10.74	1.0000	10.74	_____

TOTAL DIRECT EXPENSES				353.53	_____
RETURNS ABOVE DIRECT EXPENSES				-63.03	_____
FIXED EXPENSES					
Implements	Acre	12.58	1.0000	12.58	_____
Tractors	Acre	12.87	1.0000	12.87	_____
Self-Propelled Eq.	Acre	0.28	1.0000	0.28	_____
irrig.-CP(nat. gas)	Acre	33.60	1.0000	33.60	_____

TOTAL FIXED EXPENSES				59.33	_____

TOTAL SPECIFIED EXPENSES				412.87	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-122.37	_____
ALLOCATED COST ITEMS					
cash rent - sorghumf	acre	45.00	1.0000	45.00	_____
RESIDUAL RETURNS				-167.37	_____

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Table 16.B Estimated resource use and costs for field operations, per Acre
 Cont. Sorghum, Sprinkler Irrigated, (NG)
 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-----				
disc	tandem	100	0.138	1.00	Feb	3.45	3.18	1.52	2.40	0.303	2.42					12.99
chisel		125	0.099	1.00	Mar	3.02	2.74	0.69	1.24	0.219	1.75					9.45
fert(N) - ANH3	lb.			1.00	Mar							60.0000	0.30	18.00		18.00
fert appl - ANH3	acre											1.0000	9.00	9.00		9.00
disc	tandem	100	0.138	1.00	Mar	3.45	3.18	1.52	2.40	0.303	2.42					12.99
irrig.-CP(nat. gas)	ac-in			1.00	May			24.06	33.60	0.128	1.02	2.0000				58.68
rod weeder	8 row	100	0.077	1.00	May	1.93	1.79	1.11	2.00	0.170	1.36					8.21
planter	bed	75	0.152	1.00	May	2.69	1.96	2.51	4.53	0.305	2.44					14.15
seed - sorghum	lb.											5.0000	1.25	6.25		6.25
fert(P) - liquid	lb.											50.0000	0.37	18.50		18.50
herb&appl-sorghumi	acre			1.00	May							1.0000	21.12	21.12		21.12
irrig.-CP(nat. gas)	ac-in			2.00	Jun			36.09		0.192	1.53	3.0000				37.62
fert(N) - liquid	lb.											40.0000	0.40	16.00		16.00
Pickup Truck	3/4 ton		0.006	20.00	Jun			4.58	0.28							4.86
insec+appl - sorghum	appl			1.00	Jul							0.3300	13.00	4.29		4.29
irrig.-CP(nat. gas)	ac-in			4.00	Jul			72.18		0.384	3.07	6.0000				75.25
irrig.-CP(nat. gas)	ac-in			2.00	Aug			36.09		0.192	1.53	3.0000				37.62
harvest & haul - sor	cwt.			1.00	Oct							70.0000	0.53	37.10		37.10
TOTALS						14.56	12.87	180.38	46.46	2.198	17.58			130.26		402.12
INTEREST ON OPERATING CAPITAL																10.74
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																412.87

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