

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

B-1241 (C1&2)

Table 15.A Estimated costs and returns per Acre
Cont. Sorghum, Furrow Irrigated, (NG)
2007 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sorghum	cwt	5.60	60.0000	336.00	_____

TOTAL INCOME				336.00	_____
DIRECT EXPENSES					
SEED					
seed - sorghum	lb.	1.25	4.5000	5.62	_____
FERTILIZER					
fert(N) - ANH ₃	lb.	0.20	100.0000	20.00	_____
fert(P) - dry	lb.	0.30	50.0000	15.00	_____
CUSTOM					
fert appl - ANH ₃	acre	9.00	1.0000	9.00	_____
fert application	acre	4.50	1.0000	4.50	_____
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	60.0000	31.80	_____
OPERATOR LABOR					
Implements	hour	9.10	0.6908	6.28	_____
Tractors	hour	9.10	0.8861	8.06	_____
HAND LABOR					
Implements	hour	9.10	0.3104	2.82	_____
IRRIGATION LABOR					
Furrow	hour	9.10	1.6860	15.34	_____
DIESEL FUEL					
Tractors	gal	2.00	4.9626	9.92	_____
GASOLINE					
Pickup	gal	2.25	2.0100	4.52	_____
IRRIGATION ENERGY					
Furrow	ac-in	8.30	12.0000	99.60	_____
REPAIR & MAINTENANCE					
Implements	Acre	10.36	1.0000	10.36	_____
Tractors	Acre	11.23	1.0000	11.23	_____
Pickup	Acre	0.16	1.0000	0.16	_____
Furrow	ac-in	1.80	12.0000	21.60	_____
INTEREST ON OP. CAP.	Acre	12.20	1.0000	12.20	_____

TOTAL DIRECT EXPENSES				313.46	_____
RETURNS ABOVE DIRECT EXPENSES				22.53	_____
FIXED EXPENSES					
Implements	Acre	17.88	1.0000	17.88	_____
Tractors	Acre	20.71	1.0000	20.71	_____
Pickup	Acre	0.30	1.0000	0.30	_____
Furrow	Acre	24.62	1.0000	24.62	_____

TOTAL FIXED EXPENSES				63.52	_____

TOTAL SPECIFIED EXPENSES				376.99	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-40.99	_____
ALLOCATED COST ITEMS					
cash rent - sorghumf	acre	45.00	1.0000	45.00	_____
RESIDUAL RETURNS				-85.99	_____

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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 15.B Estimated resource use and costs for field operations, per Acre
 Cont. Sorghum, Furrow 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	Feb	2.91	2.99	0.69	1.32	0.219	1.99				9.93
fert(N) - ANH ₃	lb.			1.00	Mar							100.0000	0.20	20.00	20.00
fert(P) - dry	lb.											50.0000	0.30	15.00	15.00
fert appl - ANH ₃	acre											1.0000	9.00	9.00	9.00
fert application	acre											1.0000	4.50	4.50	4.50
disc	tandem	100	0.138	1.00	Mar	3.33	3.48	1.52	2.56	0.303	2.76				13.66
sweep plow		150	0.065	1.00	Apr	1.75	1.41	0.85	1.43	0.143	1.30				6.77
bedder		150	0.057	1.00	Apr	1.53	1.23	0.44	0.74	0.125	1.14				5.10
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
herb&appl-sorghumi	acre											1.0000	21.12	21.12	21.12
sprayer	mounted	100	0.157	1.00	May	3.80	3.98	1.68	2.27	0.315	2.87				14.62
Pickup Truck	3/4 ton		0.006	20.00	May			4.68	0.30						4.99
Furrow	ac-in			1.00	Jun			40.40	24.62	0.562	5.11	4.0000			70.13
Furrow	ac-in			1.00	Jul			40.40		0.562	5.11	4.0000			45.51
insec+appl - sorghum	appl			1.00	Jul							0.3300	13.00	4.29	4.29
Furrow	ac-in			1.00	Aug			40.40		0.562	5.11	4.0000			45.51
harvest & haul - sor cwt.				1.00	Oct							60.0000	0.53	31.80	31.80
TOTALS						21.15	20.71	136.25	42.81	3.573	32.51			111.33	364.78
INTEREST ON OPERATING CAPITAL															12.20
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															376.99

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