

*Projections for Planning Purposes Only
Not to be Used without Updating after January 1, 2012*

B-1241 (C1)

Table 14.A Estimated costs and returns per Acre
Cont. Sorghum, Furrow Irrigated, (NG)
2012 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sorghum	cwt	9.30	65.0000	604.50	_____

TOTAL INCOME				604.50	_____
DIRECT EXPENSES					
SEED					
seed - sorghum	lb.	1.76	4.5000	7.92	_____
FERTILIZER					
fert(N) - ANH3	lb.	0.43	100.0000	43.00	_____
fert(P) - dry	lb.	0.76	40.0000	30.40	_____
CUSTOM					
fert appl - ANH3	acre	10.00	1.0000	10.00	_____
fert application	acre	5.00	1.0000	5.00	_____
herb&appl-sorghumi	acre	21.02	1.0000	21.02	_____
insec+appl - sorghum	appl	9.38	0.3300	3.09	_____
harvest & haul - sor	cwt.	0.54	65.0000	35.10	_____
CROP INSURANCE					
sorghum - irrigated	acre	28.90	1.0000	28.90	_____
OPERATOR LABOR					
Implements	hour	10.30	0.5978	6.15	_____
Tractors	hour	10.30	0.8086	8.32	_____
HAND LABOR					
Implements	hour	10.30	0.3104	3.19	_____
IRRIGATION LABOR					
Furrow	hour	10.30	1.6860	17.36	_____
DIESEL FUEL					
Tractors	gal	3.48	4.5441	15.81	_____
GASOLINE					
Self-Propelled Eq.	gal	3.32	2.0100	6.67	_____
NATURAL GAS					
Furrow	Mcf	4.21	12.0000	50.52	_____
REPAIR & MAINTENANCE					
Implements	Acre	9.24	1.0000	9.24	_____
Tractors	Acre	10.19	1.0000	10.19	_____
Self-Propelled Eq.	Acre	0.16	1.0000	0.16	_____
Furrow	ac-in	3.96	12.0000	47.55	_____
INTEREST ON OP. CAP.	Acre	8.13	1.0000	8.13	_____

TOTAL DIRECT EXPENSES				367.79	_____
RETURNS ABOVE DIRECT EXPENSES				236.70	_____
FIXED EXPENSES					
Implements	Acre	13.71	1.0000	13.71	_____
Tractors	Acre	15.48	1.0000	15.48	_____
Self-Propelled Eq.	Acre	0.25	1.0000	0.25	_____
Furrow	Acre	22.58	1.0000	22.58	_____

TOTAL FIXED EXPENSES				52.02	_____

TOTAL SPECIFIED EXPENSES				419.82	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				184.67	_____
ALLOCATED COST ITEMS					
cash rent - sorghumf	acre	65.00	1.0000	65.00	_____
RESIDUAL RETURNS				119.67	_____

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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.
Developed by Texas AgriLife Extension Service.*

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Table 14.B Estimated resource use and costs for field operations, per Acre
Cont. Sorghum, Furrow Irrigated, (NG)
2012 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	4.43	2.87	1.52	2.23	0.303	3.12				14.19
chisel		125	0.099	1.00	Feb	3.90	2.47	0.69	1.15	0.219	2.25				10.48
fert(N) - ANH3	lb.			1.00	Mar							100.0000	0.43	43.00	43.00
fert(P) - dry	lb.											40.0000	0.76	30.40	30.40
fert appl - ANH3	acre											1.0000	10.00	10.00	10.00
fert application	acre											1.0000	5.00	5.00	5.00
sorghum - irrigated	acre											1.0000	28.90	28.90	28.90
disc	tandem	100	0.138	1.00	Mar	4.43	2.87	1.52	2.23	0.303	3.12				14.19
sweep plow		150	0.065	1.00	Apr	2.50	1.16	0.85	1.25	0.143	1.48				7.26
bedder		150	0.057	1.00	Apr	2.19	1.02	0.44	0.64	0.125	1.29				5.59
planter		75	0.152	1.00	May	3.47	1.77	2.51	4.21	0.305	3.14				15.12
seed - sorghum	lb.											4.5000	1.76	7.92	7.92
herb&appl-sorghumi	acre											1.0000	21.02	21.02	21.02
sprayer	mounted	100	0.157	1.00	May	5.06	3.28	1.68	1.97	0.315	3.24				15.27
Pickup Truck	3/4 ton		0.006	20.00	May			6.83	0.25						7.09
Furrow	ac-in			1.00	Jun			32.69	22.58	0.562	5.78	4.0000			61.06
Furrow	ac-in			1.00	Jul			32.69		0.562	5.78	4.0000			38.48
insec+appl - sorghum	appl			1.00	Jul							0.3300	9.38	3.09	3.09
Furrow	ac-in			1.00	Aug			32.69		0.562	5.78	4.0000			38.48
harvest & haul - sor	cwt.			1.00	Oct							65.0000	0.54	35.10	35.10
TOTALS						26.01	15.48	114.16	36.54	3.402	35.04			184.43	411.68
INTEREST ON OPERATING CAPITAL															8.13
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															419.82

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