

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

B-1241 (C1)

Table 15.A Estimated costs and returns per Acre  
Cont. Sorghum, Sprinkler Irrigated, (NG)  
2012 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sorghum	cwt	9.30	75.0000	697.50	_____
				-----	
TOTAL INCOME				697.50	_____
DIRECT EXPENSES					
SEED					
seed - sorghum	lb.	1.76	5.0000	8.80	_____
FERTILIZER					
fert(N) - ANH3	lb.	0.43	65.0000	27.95	_____
fert(P) - liquid	lb.	1.22	50.0000	61.00	_____
fert(N) - liquid	lb.	0.73	60.0000	43.80	_____
CUSTOM					
fert appl - ANH3	acre	10.00	1.0000	10.00	_____
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	75.0000	40.50	_____
CROP INSURANCE					
sorghum - irrigated	acre	28.90	1.0000	28.90	_____
OPERATOR LABOR					
Implements	hour	10.30	0.3225	3.32	_____
Tractors	hour	10.30	0.4215	4.34	_____
HAND LABOR					
Implements	hour	10.30	0.1527	1.57	_____
IRRIGATION LABOR					
Center Pivot	hour	10.30	0.8960	9.22	_____
DIESEL FUEL					
Tractors	gal	3.48	2.3443	8.15	_____
GASOLINE					
Self-Propelled Eq.	gal	3.32	2.0100	6.67	_____
NATURAL GAS					
Center Pivot	Mcf	4.21	14.0000	58.94	_____
REPAIR & MAINTENANCE					
Implements	Acre	5.75	1.0000	5.75	_____
Tractors	Acre	4.75	1.0000	4.75	_____
Self-Propelled Eq.	Acre	0.16	1.0000	0.16	_____
Center Pivot	ac-in	4.04	14.0000	56.56	_____
INTEREST ON OP. CAP.	Acre	8.36	1.0000	8.36	_____
				-----	
TOTAL DIRECT EXPENSES				412.90	_____
RETURNS ABOVE DIRECT EXPENSES				284.59	_____
FIXED EXPENSES					
Implements	Acre	8.94	1.0000	8.94	_____
Tractors	Acre	6.98	1.0000	6.98	_____
Self-Propelled Eq.	Acre	0.25	1.0000	0.25	_____
Center Pivot	Acre	35.56	1.0000	35.56	_____
				-----	
TOTAL FIXED EXPENSES				51.75	_____
				-----	
TOTAL SPECIFIED EXPENSES				464.65	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				232.84	_____
ALLOCATED COST ITEMS					
cash rent - sorghumf	acre	65.00	1.0000	65.00	_____
RESIDUAL RETURNS				167.84	_____

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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 15.B Estimated resource use and costs for field operations, per Acre  
Cont. Sorghum, Sprinkler 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
sweep plow		150	0.065	1.00	Mar	2.50	1.16	0.85	1.25	0.143	1.48					7.26
sorghum - irrigated	acre											1.0000	28.90	28.90		28.90
fert(N) - ANH3	lb.			1.00	Mar							65.0000	0.43	27.95		27.95
fert appl - ANH3	acre											1.0000	10.00	10.00		10.00
sweep plow		150	0.065	1.00	Mar	2.50	1.16	0.85	1.25	0.143	1.48					7.26
Center Pivot	ac-in			1.00	May			16.50	35.56	0.128	1.31	2.0000				53.37
planter		75	0.152	1.00	May	3.47	1.77	2.51	4.21	0.305	3.14					15.12
seed - sorghum	lb.											5.0000	1.76	8.80		8.80
fert(P) - liquid	lb.											50.0000	1.22	61.00		61.00
herb&appl-sorghumi	acre			1.00	May							1.0000	21.02	21.02		21.02
Center Pivot	ac-in			2.00	Jun			24.75		0.192	1.97	3.0000				26.72
fert(N) - liquid	lb.											30.0000	0.73	21.90		21.90
Pickup Truck	3/4 ton		0.006	20.00	Jun			6.83	0.25							7.09
insec+appl - sorghum	appl			1.00	Jul							0.3300	9.38	3.09		3.09
Center Pivot	ac-in			4.00	Jul			49.50		0.384	3.95	6.0000				53.45
fert(N) - liquid	lb.											30.0000	0.73	21.90		21.90
Center Pivot	ac-in			2.00	Aug			24.75		0.192	1.97	3.0000				26.72
harvest & haul - sor	cwt.			1.00	Oct							75.0000	0.54	40.50		40.50
TOTALS						12.91	6.98	128.09	44.76	1.792	18.46			245.06		456.29
INTEREST ON OPERATING CAPITAL																8.36
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																464.65

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