

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

B-1241 (C2)

Table 9.A Estimated costs and returns per Acre
Grain Sorghum, Pivot Irrigated
2012 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sorghum	cwt	8.75	60.0000	525.00	_____

TOTAL INCOME				525.00	_____
DIRECT EXPENSES					
SEED					
seed - sorghum	lb.	1.50	4.5000	6.75	_____
FERTILIZER					
fert. (P)	lb.	0.70	50.0000	35.00	_____
fert. (N)	lb.	0.70	90.0000	63.00	_____
CUSTOM					
fert appl.	acre	5.00	1.0000	5.00	_____
herb&appl-sorghumi	acre	21.12	1.0000	21.12	_____
insec+appl - sorghum	appl	13.00	0.3300	4.29	_____
harvest & haul - sor	cwt.	0.60	60.0000	36.00	_____
CROP INSURANCE					
sorghum irr - ins	acre	20.00	1.0000	20.00	_____
OPERATOR LABOR					
Implements	hour	10.00	0.5437	5.43	_____
Tractors	hour	10.00	0.6058	6.05	_____
HAND LABOR					
Implements	hour	10.00	0.1527	1.52	_____
IRRIGATION LABOR					
Center Pivot	hour	10.00	0.8960	8.96	_____
DIESEL FUEL					
Tractors	gal	3.20	3.1646	10.12	_____
GASOLINE					
Pickup	gal	3.20	2.0100	6.43	_____
IRRIGATION FUEL					
Center Pivot	ac-in	9.00	14.0000	126.00	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.17	1.0000	4.17	_____
Tractors	Acre	5.51	1.0000	5.51	_____
Pickup	Acre	1.00	1.0000	1.00	_____
Center Pivot	ac-in	2.00	14.0000	28.00	_____
INTEREST ON OP. CAP.	Acre	9.44	1.0000	9.44	_____
TOTAL DIRECT EXPENSES				403.83	_____
RETURNS ABOVE DIRECT EXPENSES				121.16	_____
FIXED EXPENSES					
Implements	Acre	9.42	1.0000	9.42	_____
Tractors	Acre	11.21	1.0000	11.21	_____
Pickup	Acre	1.25	1.0000	1.25	_____
Center Pivot	Acre	45.00	1.0000	45.00	_____
TOTAL FIXED EXPENSES				66.88	_____
TOTAL SPECIFIED EXPENSES				470.72	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				54.27	_____
ALLOCATED COST ITEMS					
cash rent - sorghumf	acre	75.00	1.0000	75.00	_____
RESIDUAL RETURNS				-20.72	_____

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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 9.B Estimated resource use and costs for field operations, per Acre
Grain Sorghum, Pivot Irrigated
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	3.86	3.01	0.93	1.99	0.303	3.03					12.84
chisel		125	0.099	1.00	Mar	2.94	1.65	0.47	1.10	0.219	2.19					8.37
fert appl.	acre			1.00	Mar							1.0000	5.00	5.00		5.00
disc	tandem	100	0.138	1.00	Mar	3.86	3.01	0.93	1.99	0.303	3.03					12.84
Center Pivot	ac-in			1.00	May			22.00	45.00	0.128	1.28	2.0000				68.28
rod weeder	8 row	100	0.077	1.00	May	2.17	1.69	0.63	1.49	0.170	1.70					7.70
planter	bed	75	0.152	1.00	May	2.79	1.83	1.19	2.82	0.305	3.05					11.70
seed - sorghum	lb.											4.5000	1.50	6.75		6.75
fert. (P)	lb.											50.0000	0.70	35.00		35.00
sorghum irr - ins	acre											1.0000	20.00	20.00		20.00
herb&appl-sorghumi	acre			1.00	May							1.0000	21.12	21.12		21.12
Center Pivot	ac-in			2.00	Jun			33.00		0.192	1.92	3.0000				34.92
fert. (N)	lb.											90.0000	0.70	63.00		63.00
Pickup Truck	3/4 ton		0.006	20.00	Jun			7.43	1.25							8.68
insec+appl - sorghum	appl			1.00	Jul							0.3300	13.00	4.29		4.29
Center Pivot	ac-in			4.00	Jul			66.00		0.384	3.84	6.0000				69.84
Center Pivot	ac-in			2.00	Aug			33.00		0.192	1.92	3.0000				34.92
harvest & haul - sor	cwt.			1.00	Oct							60.0000	0.60	36.00		36.00
TOTALS						15.64	11.21	165.60	55.67	2.198	21.98			191.16		461.28
INTEREST ON OPERATING CAPITAL																9.44
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																470.72

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