

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

B-1241 (C2)

Table 10.A Estimated costs and returns per Acre
Grain Sorghum Silage, Pivot Irrigated
2012 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sorghum silage	ton	44.00	21.0000	924.00	_____

TOTAL INCOME				924.00	_____
DIRECT EXPENSES					
SEED					
seed - sorghum	lb.	1.50	7.0000	10.50	_____
FERTILIZER					
fert. (N)	lb.	0.70	160.0000	112.00	_____
fert. (P)	lb.	0.70	50.0000	35.00	_____
CUSTOM					
fert appl.	acre	5.00	1.0000	5.00	_____
herb+appl - sorghum	acre	10.50	1.0000	10.50	_____
insec+appl - sorghum	appl	13.00	0.3300	4.29	_____
harv & haul - sorgh	ton	7.00	21.0000	147.00	_____
OPERATOR LABOR					
Implements	hour	10.00	0.3796	3.79	_____
Tractors	hour	10.00	0.4691	4.69	_____
HAND LABOR					
Implements	hour	10.00	0.1527	1.52	_____
IRRIGATION LABOR					
Center Pivot	hour	10.00	0.8320	8.32	_____
DIESEL FUEL					
Tractors	gal	3.20	2.4264	7.76	_____
GASOLINE					
Pickup	gal	3.20	3.0150	9.64	_____
IRRIGATION FUEL					
Center Pivot	ac-in	9.00	13.0000	117.00	_____
REPAIR & MAINTENANCE					
Implements	Acre	3.54	1.0000	3.54	_____
Tractors	Acre	4.04	1.0000	4.04	_____
Pickup	Acre	1.50	1.0000	1.50	_____
Center Pivot	ac-in	2.00	13.0000	26.00	_____
INTEREST ON OP. CAP.	Acre	12.93	1.0000	12.93	_____

TOTAL DIRECT EXPENSES				525.08	_____
RETURNS ABOVE DIRECT EXPENSES				398.91	_____
FIXED EXPENSES					
Implements	Acre	7.94	1.0000	7.94	_____
Tractors	Acre	8.22	1.0000	8.22	_____
Pickup	Acre	1.87	1.0000	1.87	_____
Center Pivot	Acre	45.00	1.0000	45.00	_____

TOTAL FIXED EXPENSES				63.05	_____

TOTAL SPECIFIED EXPENSES				588.13	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				335.86	_____
ALLOCATED COST ITEMS					
cash rent - sorghsil	acre	75.00	1.0000	75.00	_____
RESIDUAL RETURNS				260.86	_____

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Table 10.B Estimated resource use and costs for field operations, per Acre
Grain Sorghum Silage, 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	offset	100	0.078	1.00	Nov	2.20	1.72	0.94	2.01	0.173	1.73					8.62	
chisel		125	0.099	1.00	Dec	2.94	1.65	0.47	1.10	0.219	2.19					8.37	
disc	tandem	100	0.138	1.00	Feb	3.86	3.01	0.93	1.99	0.303	3.03					12.84	
fert. (N)	lb.			1.00	Apr							160.0000	0.70	112.00		112.00	
fert. (P)	lb.											50.0000	0.70	35.00		35.00	
fert appl.	acre											1.0000	5.00	5.00		5.00	
planter	bed	75	0.152	1.00	May	2.79	1.83	1.19	2.82	0.305	3.05					11.70	
Center Pivot seed - sorghum	ac-in lb.							44.00	45.00	0.256	2.56	4.0000				91.56	
herb+appl - sorghum	acre											7.0000	1.50	10.50		10.50	
												1.0000	10.50	10.50		10.50	
Pickup Truck	3/4 ton		0.006	30.00	May			11.15	1.87							13.03	
Center Pivot	ac-in			1.00	Jun			33.00		0.192	1.92	3.0000				34.92	
Center Pivot	ac-in			1.00	Jul			33.00		0.192	1.92	3.0000				34.92	
insec+appl - sorghum	appl											0.3300	13.00	4.29		4.29	
Center Pivot	ac-in			1.00	Aug			33.00		0.192	1.92	3.0000				34.92	
harv & haul - sorgh	ton			1.00	Aug							21.0000	7.00	147.00		147.00	
TOTALS								11.81	8.22	157.70	54.82	1.833	18.33			324.29	575.19
INTEREST ON OPERATING CAPITAL																	12.93
UNALLOCATED LABOR																	0.00
TOTAL SPECIFIED COST																	588.13

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