

*Projections for Planning Purposes Only
Not to be Used without Updating after January 1, 2011*

B-1241 (C2)

Table 10.A Estimated costs and returns per Acre
Grain Sorghum Silage, Pivot Irrigated
2011 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sorghum silage	ton	44.00	24.0000	1056.00	_____

TOTAL INCOME				1056.00	_____
DIRECT EXPENSES					
SEED					
seed - sorghum	lb.	1.50	7.0000	10.50	_____
FERTILIZER					
fert. (N)	lb.	0.50	160.0000	80.00	_____
fert. (P)	lb.	0.75	50.0000	37.50	_____
CUSTOM					
fert appl.	acre	4.50	1.0000	4.50	_____
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	24.0000	168.00	_____
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	3.00	2.4264	7.27	_____
GASOLINE					
Self-Propelled Eq.	gal	3.00	3.0150	9.04	_____
IRRIGATION FUEL COST					
Center Pivot	ac-in	10.00	13.0000	130.00	_____
REPAIR & MAINTENANCE					
Implements	Acre	6.28	1.0000	6.28	_____
Tractors	Acre	6.08	1.0000	6.08	_____
Self-Propelled Eq.	Acre	0.75	1.0000	0.75	_____
Center Pivot	ac-in	2.00	13.0000	26.00	_____
INTEREST ON OP. CAP.	Acre	12.60	1.0000	12.60	_____

TOTAL DIRECT EXPENSES				531.67	_____
RETURNS ABOVE DIRECT EXPENSES				524.32	_____
FIXED EXPENSES					
Implements	Acre	10.26	1.0000	10.26	_____
Tractors	Acre	9.62	1.0000	9.62	_____
Self-Propelled Eq.	Acre	1.56	1.0000	1.56	_____
Center Pivot	Acre	40.00	1.0000	40.00	_____

TOTAL FIXED EXPENSES				61.44	_____

TOTAL SPECIFIED EXPENSES				593.12	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				462.87	_____
ALLOCATED COST ITEMS					
cash rent - sorghsil	acre	75.00	1.0000	75.00	_____
RESIDUAL RETURNS				387.87	_____

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Table 10.B Estimated resource use and costs for field operations, per Acre
 Grain Sorghum Silage, Pivot Irrigated
 2011 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-----				dollars		-----dollars-----			
disc	offset	100	0.078	1.00	Nov	2.40	1.87	1.54	2.34	0.173	1.73				9.90
chisel		125	0.099	1.00	Dec	3.64	2.72	0.69	1.20	0.219	2.19				10.45
disc	tandem	100	0.138	1.00	Feb	4.21	3.27	1.52	2.32	0.303	3.03				14.38
fert. (N)	lb.			1.00	Apr							160.0000	0.50	80.00	80.00
fert. (P)	lb.											50.0000	0.75	37.50	37.50
fert appl.	acre											1.0000	4.50	4.50	4.50
planter	bed	75	0.152	1.00	May	3.09	1.74	2.51	4.38	0.305	3.05				14.79
Center Pivot	ac-in							48.00	40.00	0.256	2.56	4.0000			90.56
seed - sorghum	lb.											7.0000	1.50	10.50	10.50
herb+appl - sorghum	acre											1.0000	10.50	10.50	10.50
Pickup Truck	3/4 ton		0.006	30.00	May			9.79	1.56						11.36
Center Pivot	ac-in			1.00	Jun			36.00		0.192	1.92	3.0000			37.92
Center Pivot	ac-in			1.00	Jul			36.00		0.192	1.92	3.0000			37.92
insec+appl - sorghum appl												0.3300	13.00	4.29	4.29
Center Pivot	ac-in			1.00	Aug			36.00		0.192	1.92	3.0000			37.92
harv & haul - sorgh	ton			1.00	Aug							24.0000	7.00	168.00	168.00
TOTALS						13.36	9.62	172.07	51.82	1.833	18.33			315.29	580.51
INTEREST ON OPERATING CAPITAL															12.60
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															593.12

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