

*Projections for Planning Purposes Only
Not to be Used without Updating after January 1, 2010*

B-1241 (C2)

Table 10.A Estimated costs and returns per Acre
Grain Sorghum Silage, Pivot Irrigated, FOB Field
2010 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sorghum silage	ton	26.00	24.0000	624.00	_____

TOTAL INCOME				624.00	_____
DIRECT EXPENSES					
SEED					
seed - sorghum	lb.	1.50	7.0000	10.50	_____
FERTILIZER					
fert. (N)	lb.	0.40	160.0000	64.00	_____
fert. (P)	lb.	0.40	50.0000	20.00	_____
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	_____
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	2.20	2.4264	5.33	_____
GASOLINE					
Self-Propelled Eq.	gal	2.40	3.0150	7.23	_____
IRRIGATION FUEL COST					
Center Pivot	ac-in	8.00	13.0000	104.00	_____
REPAIR & MAINTENANCE					
Implements	Acre	6.28	1.0000	6.28	_____
Tractors	Acre	6.08	1.0000	6.08	_____
Self-Propelled Eq.	Acre	0.24	1.0000	0.24	_____
Center Pivot	ac-in	2.03	13.0000	26.39	_____
INTEREST ON OP. CAP.	Acre	8.18	1.0000	8.18	_____

TOTAL DIRECT EXPENSES				295.88	_____
RETURNS ABOVE DIRECT EXPENSES				328.11	_____
FIXED EXPENSES					
Implements	Acre	10.26	1.0000	10.26	_____
Tractors	Acre	9.62	1.0000	9.62	_____
Self-Propelled Eq.	Acre	0.40	1.0000	0.40	_____
Center Pivot	Acre	33.60	1.0000	33.60	_____

TOTAL FIXED EXPENSES				53.88	_____

TOTAL SPECIFIED EXPENSES				349.77	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				274.22	_____
ALLOCATED COST ITEMS					
cash rent - sorghsil	acre	75.00	1.0000	75.00	_____
RESIDUAL RETURNS				199.22	_____

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Table 10.B Estimated resource use and costs for field operations, per Acre
 Grain Sorghum Silage, Pivot Irrigated, FOB Field
 2010 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	2.06	1.87	1.54	2.34	0.173	1.73					9.56
chisel		125	0.099	1.00	Dec	3.11	2.72	0.69	1.20	0.219	2.19					9.92
disc	tandem	100	0.138	1.00	Feb	3.62	3.27	1.52	2.32	0.303	3.03					13.78
fert. (N)	lb.			1.00	Apr							160.0000	0.40	64.00		64.00
fert. (P)	lb.											50.0000	0.40	20.00		20.00
fert appl.	acre											1.0000	4.50	4.50		4.50
planter	bed	75	0.152	1.00	May	2.61	1.74	2.51	4.38	0.305	3.05					14.32
Center Pivot	ac-in							40.12	33.60	0.256	2.56	4.0000				76.28
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			7.48	0.40							7.88
Center Pivot	ac-in			1.00	Jun			30.09		0.192	1.92	3.0000				32.01
Center Pivot	ac-in			1.00	Jul			30.09		0.192	1.92	3.0000				32.01
insec+appl - sorghum	appl											0.3300	13.00	4.29		4.29
Center Pivot	ac-in			1.00	Aug			30.09		0.192	1.92	3.0000				32.01
TOTALS						11.42	9.62	144.15	44.26	1.833	18.33			113.79		341.59
INTEREST ON OPERATING CAPITAL																8.18
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																349.77

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