

*Projections for Planning Purposes Only
Not to be Used without Updating after November 1, 2005*

B-1241 (C1&2)

Table 27.A Estimated costs and returns per Acre
Grain Sorghum Silage
2006 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sorghum silage	ton	22.50	21.0000	472.50	_____

TOTAL INCOME				472.50	_____
DIRECT EXPENSES					
SEED					
seed - sorghum	lb.	1.25	7.0000	8.75	_____
FERTILIZER					
fert(N) - ANH3	lb.	0.30	174.0000	52.20	_____
fert(P) - dry	lb.	0.31	60.0000	18.60	_____
CUSTOM					
herb+appl - soghum	acre	10.50	1.0000	10.50	_____
fert appl - ANH3	acre	9.00	1.0000	9.00	_____
fert application	acre	4.50	1.0000	4.50	_____
insec+appl - sorghum	appl	13.00	0.3300	4.29	_____
harv & haul - sorghs	ton	4.66	21.0000	97.86	_____
OPERATOR LABOR					
Implements	hour	8.00	0.3796	3.03	_____
Tractors	hour	8.00	0.6268	5.01	_____
HAND LABOR					
Implements	hour	8.00	0.3104	2.48	_____
IRRIGATION LABOR					
Center Pivot	hour	8.00	0.8320	6.65	_____
DIESEL FUEL					
Tractors	gal	2.16	3.2780	7.08	_____
GASOLINE					
Pickup	gal	2.20	3.0150	6.63	_____
IRRIGATION ENERGY					
Center Pivot	ac-in	10.00	13.0000	130.00	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.96	1.0000	7.96	_____
Tractors	Acre	8.00	1.0000	8.00	_____
Pickup	Acre	0.24	1.0000	0.24	_____
Center Pivot	ac-in	2.03	13.0000	26.39	_____
INTEREST ON OP. CAP.	Acre	12.37	1.0000	12.37	_____

TOTAL DIRECT EXPENSES				421.59	_____
RETURNS ABOVE DIRECT EXPENSES				50.90	_____
FIXED EXPENSES					
Implements	Acre	12.73	1.0000	12.73	_____
Tractors	Acre	13.35	1.0000	13.35	_____
Pickup	Acre	0.42	1.0000	0.42	_____
Center Pivot	Acre	33.60	1.0000	33.60	_____

TOTAL FIXED EXPENSES				60.11	_____

TOTAL SPECIFIED EXPENSES				481.71	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-9.21	_____
ALLOCATED COST ITEMS					
cash rent - sorghsil	acre	75.00	1.0000	75.00	_____
RESIDUAL RETURNS				-84.21	_____

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Table 27.B Estimated resource use and costs for field operations, per Acre
 Grain Sorghum Silage
 2006 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	1.97	1.82	1.54	2.42	0.173	1.38				9.14
chisel		125	0.099	1.00	Dec	3.02	2.74	0.69	1.24	0.219	1.75				9.45
sprayer	mounted	100	0.157	1.00	Feb	3.94	3.64	1.68	2.12	0.315	2.52				13.92
disc	tandem	100	0.138	1.00	Feb	3.45	3.18	1.52	2.40	0.303	2.42				12.99
herb+appl - sorghum	acre											1.0000	10.50	10.50	10.50
fert(N) - ANH3	lb.			1.00	Apr							174.0000	0.30	52.20	52.20
fert(P) - dry	lb.											60.0000	0.31	18.60	18.60
fert appl - ANH3	acre											1.0000	9.00	9.00	9.00
fert application	acre											1.0000	4.50	4.50	4.50
planter	bed	75	0.152	1.00	May	2.69	1.96	2.51	4.53	0.305	2.44				14.15
Center Pivot	ac-in											4.0000			83.76
seed - sorghum	lb.											7.0000	1.25	8.75	8.75
Pickup Truck	3/4 ton		0.006	30.00	May			6.88	0.42						7.30
Center Pivot	ac-in			1.00	Jun			36.09		0.192	1.53	3.0000			37.62
Center Pivot	ac-in			1.00	Jul			36.09		0.192	1.53	3.0000			37.62
insec+appl - sorghum appl												0.3300	13.00	4.29	4.29
Center Pivot	ac-in			1.00	Aug			36.09		0.192	1.53	3.0000			37.62
harv & haul - sorghs	ton			1.00	Oct							21.0000	4.66	97.86	97.86
TOTALS						15.08	13.35	171.24	46.75	2.148	17.19			205.70	469.33
INTEREST ON OPERATING CAPITAL															12.37
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															481.71

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