

*Projections for Planning Purposes Only
Not to be Used without Updating after November 1, 2007*

B-1241 (C1)

Table 27.A Estimated costs and returns per Acre
Sorghum Silage, Sprinkler Irrigated
2008 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sorghum silage	ton	34.20	21.0000	718.20	_____

TOTAL INCOME				718.20	_____
DIRECT EXPENSES					
SEED					
seed - sorghum	lb.	1.35	7.0000	9.45	_____
FERTILIZER					
fert(N) - ANH ₃	lb.	0.28	174.0000	48.72	_____
fert(P) - dry	lb.	0.47	60.0000	28.20	_____
CUSTOM					
fert appl - ANH ₃	acre	9.00	1.0000	9.00	_____
fert application	acre	4.50	1.0000	4.50	_____
herb+appl - sorghum	acre	16.20	1.0000	16.20	_____
insec+appl - sorghum	appl	13.00	0.3300	4.29	_____
harv & haul - sorgh	ton	4.66	21.0000	97.86	_____
OPERATOR LABOR					
Implements	hour	9.10	0.3796	3.45	_____
Tractors	hour	9.10	0.4691	4.26	_____
HAND LABOR					
Implements	hour	9.10	0.1527	1.38	_____
IRRIGATION LABOR					
Center Pivot	hour	9.10	0.8320	7.57	_____
DIESEL FUEL					
Tractors	gal	2.65	2.4264	6.43	_____
GASOLINE					
Pickup	gal	2.90	3.0150	8.74	_____
NATURAL GAS					
Center Pivot	ac-in	8.25	13.0000	107.25	_____
REPAIR & MAINTENANCE					
Implements	Acre	6.28	1.0000	6.28	_____
Tractors	Acre	5.90	1.0000	5.90	_____
Pickup	Acre	0.24	1.0000	0.24	_____
Center Pivot	ac-in	2.03	13.0000	26.39	_____
INTEREST ON OP. CAP.	Acre	11.67	1.0000	11.67	_____

TOTAL DIRECT EXPENSES				407.82	_____
RETURNS ABOVE DIRECT EXPENSES				310.37	_____
FIXED EXPENSES					
Implements	Acre	10.58	1.0000	10.58	_____
Tractors	Acre	9.69	1.0000	9.69	_____
Pickup	Acre	0.42	1.0000	0.42	_____
Center Pivot	Acre	33.60	1.0000	33.60	_____

TOTAL FIXED EXPENSES				54.29	_____

TOTAL SPECIFIED EXPENSES				462.12	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				256.07	_____
ALLOCATED COST ITEMS					
cash rent - sorghsil	acre	100.00	1.0000	100.00	_____
RESIDUAL RETURNS				156.07	_____

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Table 27.B Estimated resource use and costs for field operations, per Acre
Sorghum Silage, Sprinkler Irrigated
2008 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	2.17	1.81	1.54	2.42	0.173	1.57					9.53
chisel		125	0.099	1.00	Dec	3.35	2.73	0.69	1.24	0.219	1.99					10.01
disc	tandem	100	0.138	1.00	Feb	3.81	3.17	1.52	2.39	0.303	2.76					13.68
fert(N) - ANH ₃	lb.			1.00	Apr							174.0000	0.28	48.72		48.72
fert(P) - dry	lb.											60.0000	0.47	28.20		28.20
fert appl - ANH ₃	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	2.98	1.96	2.51	4.52	0.305	2.77					14.76
Center Pivot	ac-in							41.12	33.60	0.256	2.32	4.0000				77.04
seed - sorghum	lb.											7.0000	1.35	9.45		9.45
herb+appl - sorghum	acre											1.0000	16.20	16.20		16.20
Pickup Truck	3/4 ton		0.006	30.00	May			8.99	0.42							9.41
Center Pivot	ac-in			1.00	Jun			30.84		0.192	1.74	3.0000				32.58
Center Pivot	ac-in			1.00	Jul			30.84		0.192	1.74	3.0000				32.58
insec+appl - sorghum appl												0.3300	13.00	4.29		4.29
Center Pivot	ac-in			1.00	Aug			30.84		0.192	1.74	3.0000				32.58
harv & haul - sorgh	ton			1.00	Oct							21.0000	4.66	97.86		97.86
TOTALS						12.33	9.69	148.91	44.60	1.833	16.68			218.22		450.44
INTEREST ON OPERATING CAPITAL																11.67
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																462.12

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