

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

B-1241 (C1)

Table 26.A Estimated costs and returns per Acre  
Sorghum Silage, Sprinkler Irrigated  
2012 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
				dollars	
				dollars	
INCOME					
sorghum silage	ton	48.12	21.0000	1010.52	_____
				-----	
TOTAL INCOME				1010.52	_____
DIRECT EXPENSES					
SEED					
seed - sorghum	lb.	1.76	7.0000	12.32	_____
HERBICIDE					
Herb + applic - SS	lb.	7.20	1.0000	7.20	_____
FERTILIZER					
fert(N) - ANH3	lb.	0.43	174.0000	74.82	_____
fert(P) - dry	lb.	0.76	60.0000	45.60	_____
CUSTOM					
fert appl - ANH3	acre	10.00	1.0000	10.00	_____
fert application	acre	5.00	1.0000	5.00	_____
insec+appl - sorghum	appl	9.38	0.3300	3.09	_____
harv & haul - sorgh	ton	7.25	21.0000	152.25	_____
CROP INSURANCE					
sorg-silage - irr.	acre	23.40	1.0000	23.40	_____
OPERATOR LABOR					
Implements	hour	10.30	0.3796	3.91	_____
Tractors	hour	10.30	0.4691	4.83	_____
HAND LABOR					
Implements	hour	10.30	0.1527	1.57	_____
IRRIGATION LABOR					
Center Pivot	hour	10.30	0.8320	8.56	_____
DIESEL FUEL					
Tractors	gal	3.48	2.4264	8.44	_____
GASOLINE					
Self-Propelled Eq.	gal	3.32	3.0150	10.00	_____
NATURAL GAS					
Center Pivot	Mcf	4.21	13.0000	54.73	_____
REPAIR & MAINTENANCE					
Implements	Acre	6.28	1.0000	6.28	_____
Tractors	Acre	5.90	1.0000	5.90	_____
Self-Propelled Eq.	Acre	0.24	1.0000	0.24	_____
Center Pivot	ac-in	4.04	13.0000	52.52	_____
INTEREST ON OP. CAP.	Acre	8.80	1.0000	8.80	_____
				-----	
TOTAL DIRECT EXPENSES				499.50	_____
RETURNS ABOVE DIRECT EXPENSES				511.01	_____
FIXED EXPENSES					
Implements	Acre	9.86	1.0000	9.86	_____
Tractors	Acre	8.77	1.0000	8.77	_____
Self-Propelled Eq.	Acre	0.38	1.0000	0.38	_____
Center Pivot	Acre	35.56	1.0000	35.56	_____
				-----	
TOTAL FIXED EXPENSES				54.57	_____
				-----	
TOTAL SPECIFIED EXPENSES				554.08	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				456.43	_____
ALLOCATED COST ITEMS					
cash rent - sorghsil	acre	65.00	1.0000	65.00	_____
RESIDUAL RETURNS				391.43	_____

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Table 26.B Estimated resource use and costs for field operations, per Acre  
Sorghum Silage, Sprinkler 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	2.53	1.64	1.54	2.25	0.173	1.78					9.76
chisel		125	0.099	1.00	Dec	3.90	2.47	0.69	1.15	0.219	2.25					10.48
disc	tandem	100	0.138	1.00	Feb	4.43	2.87	1.52	2.23	0.303	3.12					14.19
sorg-silage - irr.	acre			1.00	Mar							1.0000	23.40	23.40		23.40
fert(N) - ANH3	lb.			1.00	Apr							174.0000	0.43	74.82		74.82
fert(P) - dry	lb.											60.0000	0.76	45.60		45.60
fert appl - ANH3	acre											1.0000	10.00	10.00		10.00
fert application	acre											1.0000	5.00	5.00		5.00
planter		75	0.152	1.00	May	3.47	1.77	2.51	4.21	0.305	3.14					15.12
Center Pivot	ac-in							33.00	35.56	0.256	2.63	4.0000				71.19
seed - sorghum	lb.											7.0000	1.76	12.32		12.32
Herb + applic - SS	lb.											1.0000	7.20	7.20		7.20
Pickup Truck	3/4 ton		0.006	30.00	May			10.25	0.38							10.64
Center Pivot	ac-in			1.00	Jun			24.75		0.192	1.97	3.0000				26.72
Center Pivot	ac-in			1.00	Jul			24.75		0.192	1.97	3.0000				26.72
insec+appl - sorghum appl												0.3300	9.38	3.09		3.09
Center Pivot	ac-in			1.00	Aug			24.75		0.192	1.97	3.0000				26.72
harv & haul - sorgh	ton			1.00	Oct							21.0000	7.25	152.25		152.25
TOTALS						14.34	8.77	123.78	45.80	1.833	18.88			333.68		545.27
INTEREST ON OPERATING CAPITAL																8.80
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																554.08

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