

Projections for Planning Purposes Only  
Not to be Used without Updating after December 15, 2009

B-1241 (C1)

Table 25.A Estimated costs and returns per Acre  
Sorghum Sudangrass, Sprinkler Irrigated, (NG) grazing  
2010 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
grazing - sorghum	lb.	0.43	800.0000	344.00	_____
				-----	
TOTAL INCOME				344.00	_____
DIRECT EXPENSES					
SEED					
sorghum-sudan	lb.	0.53	22.0000	11.66	_____
HERBICIDE					
Herb + applic - SS	lb.	7.20	1.0000	7.20	_____
FERTILIZER					
fert(N) - ANH3	lb.	0.22	160.0000	35.20	_____
fert(P) - liquid	lb.	0.51	50.0000	25.50	_____
CUSTOM					
fert appl - ANH3	acre	11.00	1.0000	11.00	_____
CROP INSURANCE					
sorg-sudan - irr.	acre	17.00	1.0000	17.00	_____
OPERATOR LABOR					
Implements	hour	10.80	0.3636	3.92	_____
Tractors	hour	10.80	0.5151	5.56	_____
HAND LABOR					
Implements	hour	10.80	0.2121	2.29	_____
IRRIGATION LABOR					
Center Pivot	hour	10.80	0.5760	6.22	_____
DIESEL FUEL					
Tractors	gal	2.05	2.4615	5.04	_____
GASOLINE					
Self-Propelled Eq.	gal	2.36	2.0100	4.74	_____
NATURAL GAS					
Center Pivot	ac-in	6.75	9.0000	60.75	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.47	1.0000	4.47	_____
Tractors	Acre	5.55	1.0000	5.55	_____
Self-Propelled Eq.	Acre	0.16	1.0000	0.16	_____
Center Pivot	ac-in	2.03	9.0000	18.27	_____
INTEREST ON OP. CAP.	Acre	4.94	1.0000	4.94	_____
				-----	
TOTAL DIRECT EXPENSES				229.51	_____
RETURNS ABOVE DIRECT EXPENSES				114.48	_____
FIXED EXPENSES					
Implements	Acre	7.14	1.0000	7.14	_____
Tractors	Acre	8.05	1.0000	8.05	_____
Self-Propelled Eq.	Acre	0.24	1.0000	0.24	_____
Center Pivot	Acre	33.60	1.0000	33.60	_____
				-----	
TOTAL FIXED EXPENSES				49.05	_____
				-----	
TOTAL SPECIFIED EXPENSES				278.57	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				65.42	_____
ALLOCATED COST ITEMS					
cash rent - sorghumf	acre	65.00	1.0000	65.00	_____
RESIDUAL RETURNS				0.42	_____

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1 ac-in = 1 Mcf

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Table 25.B Estimated resource use and costs for field operations, per Acre  
 Sorghum Sudangrass, Sprinkler Irrigated, (NG) grazing  
 2010 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-----			
chisel		125	0.099	1.00	Feb	2.95	2.41	0.69	1.13	0.219	2.36				9.56
disc	tandem	100	0.138	1.00	Mar	3.37	2.81	1.52	2.19	0.303	3.27				13.18
sorg-sudan - irr.	acre			1.00	Mar							1.0000	17.00	17.00	17.00
field cultivator	35 ft	150	0.065	1.00	Apr	1.78	1.14	0.75	1.33	0.143	1.55				6.57
Pickup Truck	3/4 ton		0.006	20.00	Apr			4.90	0.24						5.15
grain drill		40	0.212	1.00	May	2.49	1.68	1.50	2.47	0.424	4.58				12.74
sorghum-sudan	lb.											22.0000	0.53	11.66	11.66
fert(N) - ANH3	lb.											100.0000	0.22	22.00	22.00
fert appl - ANH3	acre											1.0000	11.00	11.00	11.00
Center Pivot	ac-in			1.00	May			26.34	33.60	0.192	2.07	3.0000			62.01
fert(N) - ANH3	lb.											60.0000	0.22	13.20	13.20
fert(P) - liquid	lb.											50.0000	0.51	25.50	25.50
Herb + applic - SS	lb.			1.00	Jun							1.0000	7.20	7.20	7.20
Center Pivot	ac-in			1.00	Jul			35.12		0.256	2.76	4.0000			37.88
Center Pivot	ac-in			1.00	Aug			17.56		0.128	1.38	2.0000			18.94
TOTALS						10.60	8.05	88.40	40.99	1.666	18.00			107.56	273.62
INTEREST ON OPERATING CAPITAL															4.94
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															278.57

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