

*Projections for Planning Purposes Only  
Not to be Used without Updating  
after November 1, 2006*

B-1241 (C1&2)

Table 26.A Estimated costs and returns per Acre  
Sorghum Sudangrass, Sprinkler Irrigated, (NG) grazing  
2007 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
grazing - sorghum	lb.	0.38	800.0000	304.00	_____
				-----	
TOTAL INCOME				304.00	_____
DIRECT EXPENSES					
SEED					
sorghum-sudan	lb.	0.36	22.0000	7.92	_____
FERTILIZER					
fert(N) - liquid	lb.	0.35	160.0000	56.00	_____
fert(P) - liquid	lb.	0.41	50.0000	20.50	_____
OPERATOR LABOR					
Implements	hour	9.10	0.3636	3.30	_____
Tractors	hour	9.10	0.5151	4.68	_____
HAND LABOR					
Implements	hour	9.10	0.2121	1.93	_____
IRRIGATION LABOR					
Center Pivot	hour	9.10	0.5760	5.24	_____
DIESEL FUEL					
Tractors	gal	2.00	2.4615	4.92	_____
GASOLINE					
Pickup	gal	2.25	2.0100	4.52	_____
IRRIGATION ENERGY					
Center Pivot	ac-in	8.30	9.0000	74.70	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.47	1.0000	4.47	_____
Tractors	Acre	5.55	1.0000	5.55	_____
Pickup	Acre	0.16	1.0000	0.16	_____
Center Pivot	ac-in	2.03	9.0000	18.27	_____
INTEREST ON OP. CAP.	Acre	7.59	1.0000	7.59	_____
				-----	
TOTAL DIRECT EXPENSES				219.79	_____
RETURNS ABOVE DIRECT EXPENSES				84.20	_____
FIXED EXPENSES					
Implements	Acre	8.34	1.0000	8.34	_____
Tractors	Acre	9.99	1.0000	9.99	_____
Pickup	Acre	0.30	1.0000	0.30	_____
Center Pivot	Acre	33.60	1.0000	33.60	_____
				-----	
TOTAL FIXED EXPENSES				52.24	_____
				-----	
TOTAL SPECIFIED EXPENSES				272.03	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				31.96	_____
ALLOCATED COST ITEMS					
cash rent - sorghumf	acre	45.00	1.0000	45.00	_____
RESIDUAL RETURNS				-13.03	_____

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*Information presented is prepared solely as a general guide not intended to recognize or predict the costs returns from any one operation.  
these projections were collected developed by TCE staff approved for publication.*

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Table 26.B Estimated resource use and costs for field operations, per Acre  
 Sorghum Sudangrass, Sprinkler Irrigated, (NG) grazing  
 2007 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-----			
chisel		125	0.099	1.00	Feb	2.91	2.99	0.69	1.32	0.219	1.99				9.93
disc	tandem	100	0.138	1.00	Mar	3.33	3.48	1.52	2.56	0.303	2.76				13.66
field cultivator	35 ft	150	0.065	1.00	Apr	1.75	1.41	0.75	1.56	0.143	1.30				6.80
Pickup Truck	3/4 ton		0.006	20.00	Apr			4.68	0.30						4.99
grain drill		40	0.212	1.00	May	2.47	2.09	1.50	2.88	0.424	3.86				12.81
sorghum-sudan	lb.											22.0000	0.36	7.92	7.92
fert(N) - liquid	lb.											100.0000	0.35	35.00	35.00
Center Pivot	ac-in			1.00	May			30.99	33.60	0.192	1.74	3.0000			66.33
fert(N) - liquid	lb.											60.0000	0.35	21.00	21.00
fert(P) - liquid	lb.											50.0000	0.41	20.50	20.50
Center Pivot	ac-in			1.00	Jul			41.32		0.256	2.32	4.0000			43.64
Center Pivot	ac-in			1.00	Aug			20.66		0.128	1.16	2.0000			21.82
TOTALS						10.48	9.99	102.13	42.25	1.666	15.16			84.42	264.44
INTEREST ON OPERATING CAPITAL														7.59	
UNALLOCATED LABOR														0.00	
TOTAL SPECIFIED COST														272.03	

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