

*Projections for Planning Purposes Only  
Not to be Used without Updating after January 1, 2008*

B-1241 (C10)

Table 6.A Estimated costs and returns per acre  
Forage Sorghum For Grazing, Irrigated  
2008 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
pasture sorghum	days	0.40	600.0000	240.00	_____
				-----	
TOTAL INCOME				240.00	_____
DIRECT EXPENSES					
SEED					
seed sorghum forg	lb	0.32	40.0000	12.80	_____
FERTILIZER					
nitrogen dry	lb	0.50	180.0000	90.00	_____
phospate	lb	0.40	60.0000	24.00	_____
MISC ADMIN O/H					
mis admin o/h past	acre	4.00	0.2500	1.00	_____
IRRIGATION					
irrigation costs	ac/in	4.00	16.0000	64.00	_____
OPERATOR LABOR					
Tractors	hour	10.00	1.2062	12.06	_____
DIESEL FUEL					
Tractors	gal	2.80	7.0955	19.86	_____
REPAIR & MAINTENANCE					
Implements	acre	5.42	1.0000	5.42	_____
Tractors	acre	13.32	1.0000	13.32	_____
INTEREST ON OP. CAP.	acre	17.26	1.0000	17.26	_____
				-----	
TOTAL DIRECT EXPENSES				259.74	_____
RETURNS ABOVE DIRECT EXPENSES				-19.74	_____
FIXED EXPENSES					
Implements	acre	9.73	1.0000	9.73	_____
Tractors	acre	19.76	1.0000	19.76	_____
				-----	
TOTAL FIXED EXPENSES				29.49	_____
				-----	
TOTAL SPECIFIED EXPENSES				289.23	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-49.23	_____
ALLOCATED COST ITEMS					
cash rent past irr	acre	50.00	1.0000	50.00	_____
RESIDUAL RETURNS				-99.23	_____

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Table 6.B Estimated resource use and costs for field operations, per acre  
 Forage Sorghum For Grazing, Irrigated  
 2008 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-----			
shredder		100	0.130	1.00	Jan	3.45	2.20	0.40	0.57	0.130	1.30				7.94
chisel		225	0.110	1.00	Jan	5.47	2.64	0.22	0.35	0.110	1.10				9.79
offset disc	12-foot	125	0.130	1.00	Jan	4.17	2.58	0.79	1.46	0.130	1.30				10.31
land plane		100	0.190	1.00	Jan	5.07	3.23	1.14	2.11	0.190	1.90				13.48
offset disc	12-foot	125	0.130	1.00	Jan	4.17	2.58	0.79	1.46	0.130	1.30				10.31
fertilizer spreader		100	0.153	1.00	Feb	4.08	2.61	0.77	1.41	0.153	1.53				10.42
nitrogen dry	lb											60.0000	0.50	30.00	30.00
phospate	lb											60.0000	0.40	24.00	24.00
grain drill		150	0.083	1.00	Feb	2.66	1.29	0.50	0.93	0.207	2.07				7.47
seed sorgum forg	lb											40.0000	0.32	12.80	12.80
irrigation costs	ac/in			1.00	Mar							4.0000	4.00	16.00	16.00
fertilizer spreader		100	0.153	1.00	May	4.08	2.61	0.77	1.41	0.153	1.53				10.42
nitrogen dry	lb											60.0000	0.50	30.00	30.00
mis admin o/h past	acre			1.00	Jun							0.2500	4.00	1.00	1.00
irrigation costs	ac/in											4.0000	4.00	16.00	16.00
nitrogen dry	lb			1.00	Jul							60.0000	0.50	30.00	30.00
irrigation costs	ac/in											4.0000	4.00	16.00	16.00
irrigation costs	ac/in			1.00	Aug							4.0000	4.00	16.00	16.00
TOTALS						33.19	19.76	5.42	9.73	1.206	12.06			191.80	271.97
INTEREST ON OPERATING CAPITAL															17.26
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															289.23

*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.*