

Table 31.A Estimated costs and returns per Acre  
 Forage Sorghum, Furrow Irrigated, (Natural Gas)  
 2003 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
grazing - sorghum	lb.	0.35	300.0000	105.00	_____
				-----	
TOTAL INCOME				105.00	_____
DIRECT EXPENSES					
SEED					
seed - sorghum	lb.	1.10	20.0000	22.00	_____
FERTILIZER					
fert(N) - ANH3	lb.	0.10	150.0000	15.60	_____
CUSTOM					
fert appl - ANH3	acre	6.60	1.0000	6.60	_____
OPERATOR LABOR					
Implements	hour	8.00	0.9979	7.98	_____
Tractors	hour	8.00	1.0437	8.34	_____
HAND LABOR					
Implements	hour	8.00	0.2121	1.69	_____
IRRIGATION LABOR					
irrigation - nat.gas	hour	8.00	1.4050	11.24	_____
DIESEL FUEL					
Tractors	gal	1.06	3.7777	4.00	_____
GASOLINE					
Self-Propelled Eq.	gal	1.45	2.0100	2.91	_____
NATURAL GAS					
irrigation - nat.gas	Mcf	3.92	10.0000	39.20	_____
REPAIR & MAINTENANCE					
Implements	Acre	5.47	1.0000	5.47	_____
Tractors	Acre	8.96	1.0000	8.96	_____
Self-Propelled Eq.	Acre	0.16	1.0000	0.16	_____
irrigation - nat.gas	ac-in	1.80	10.0000	18.00	_____
INTEREST ON OP. CAP.	Acre	4.85	1.0000	4.85	_____
				-----	
TOTAL DIRECT EXPENSES				157.04	_____
RETURNS ABOVE DIRECT EXPENSES				-52.04	_____
FIXED EXPENSES					
Implements	Acre	10.44	1.0000	10.44	_____
Tractors	Acre	13.07	1.0000	13.07	_____
Self-Propelled Eq.	Acre	0.26	1.0000	0.26	_____
irrigation - nat.gas	Acre	24.62	1.0000	24.62	_____
				-----	
TOTAL FIXED EXPENSES				48.40	_____
				-----	
TOTAL SPECIFIED EXPENSES				205.44	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-100.44	_____
ALLOCATED COST ITEMS					
cash rent - sorghumf	acre	45.00	1.0000	45.00	_____
RESIDUAL RETURNS				-145.44	_____

Projections for Planning Purposes Only.

Table 31.B Estimated resource use and costs for field operations, per Acre  
 Forage Sorghum, Furrow Irrigated, (Natural Gas)  
 2003 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-----			
shredder	4 row	40	0.209	1.00	Nov	1.93	1.78	0.80	2.44	0.460	3.68				10.66
chisel		125	0.099	1.00	Feb	2.29	2.59	0.69	1.19	0.219	1.75				8.52
fert(N) - ANH3	lb.			1.00	Mar							150.0000	0.10	15.60	15.60
fert appl - ANH3	acre											1.0000	6.60	6.60	6.60
disc	tandem	100	0.138	1.00	Apr	2.63	3.01	1.52	2.30	0.303	2.42				11.90
box float		40	0.327	1.00	Apr	3.02	2.79	0.50	1.23	0.720	5.76				13.31
bedder		150	0.057	1.00	Apr	1.12	1.07	0.44	0.66	0.125	1.00				4.30
Pickup Truck	3/4 ton		0.006	20.00	Apr			3.07	0.26						3.34
irrigation - nat.gas	ac-in			1.00	May			34.32	24.62	0.843	6.74	6.0000			65.68
grain drill		40	0.212	1.00	May	1.95	1.80	1.50	2.59	0.424	3.39				11.26
seed - sorghum	lb.											20.0000	1.10	22.00	22.00
irrigation - nat.gas	ac-in			1.00	Jun			22.88		0.562	4.49	4.0000			27.37
TOTALS						12.96	13.07	65.75	35.33	3.658	29.26			44.20	200.59
INTEREST ON OPERATING CAPITAL															4.85
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															205.44

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