

*Projections for Planning Purposes Only  
Not to be Used without Updating after October 15, 2004*

Table 18.A Estimated costs and returns per Acre  
Cont. Sorghum, Furrow Irrigated, (Natural Gas)  
2005 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sorghum	cwt	3.85	65.0000	250.25	_____
				-----	
TOTAL INCOME				250.25	_____
DIRECT EXPENSES					
SEED					
seed - sorghum	lb.	1.21	6.0000	7.26	_____
FERTILIZER					
fert(N) - ANH3	lb.	0.19	120.0000	22.80	_____
fert(P) - dry	lb.	0.27	60.0000	16.20	_____
CUSTOM					
fert appl - ANH3	acre	6.60	1.0000	6.60	_____
fert application	acre	3.30	1.0000	3.30	_____
herb+appl - soghum	acre	18.66	1.0000	18.66	_____
insec+appl - sorghum appl		13.00	0.3300	4.29	_____
cust harv - sorghumi	cwt.	0.33	65.0000	21.45	_____
cust haul - sorghumi	cwt.	0.28	65.0000	18.20	_____
OPERATOR LABOR					
Implements	hour	8.00	0.9837	7.87	_____
Tractors	hour	8.00	1.1302	9.04	_____
HAND LABOR					
Implements	hour	8.00	0.3104	2.48	_____
IRRIGATION LABOR					
irrigation - nat.gas	hour	8.00	2.5290	20.23	_____
DIESEL FUEL					
Tractors	gal	1.73	5.3822	9.31	_____
GASOLINE					
Self-Propelled Eq.	gal	1.83	2.0100	3.67	_____
NATURAL GAS					
irrigation - nat.gas	Mcf	7.00	18.0000	126.00	_____
REPAIR & MAINTENANCE					
Implements	Acre	11.08	1.0000	11.08	_____
Tractors	Acre	12.78	1.0000	12.78	_____
Self-Propelled Eq.	Acre	0.16	1.0000	0.16	_____
irrigation - nat.gas	ac-in	1.80	18.0000	32.40	_____
INTEREST ON OP. CAP.	Acre	10.20	1.0000	10.20	_____
TOTAL DIRECT EXPENSES				364.01	_____
RETURNS ABOVE DIRECT EXPENSES				-113.76	_____
FIXED EXPENSES					
Implements	Acre	18.17	1.0000	18.17	_____
Tractors	Acre	19.34	1.0000	19.34	_____
Self-Propelled Eq.	Acre	0.26	1.0000	0.26	_____
irrigation - nat.gas	Acre	24.62	1.0000	24.62	_____
TOTAL FIXED EXPENSES				62.40	_____
TOTAL SPECIFIED EXPENSES				426.41	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-176.16	_____
ALLOCATED COST ITEMS					
cash rent - sorghumf	acre	45.00	1.0000	45.00	_____
RESIDUAL RETURNS				-221.16	_____

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Table 17.B Estimated resource use and costs for field operations, per Acre  
Grain Sorghum, Min. Tillage (Sandy Soil)  
2005 Projected Costs and Returns per Acre

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES			TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
				OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST			
							-----dollars-----				dollars		-----dollars-----				
sweep plow		150	0.065	1.00	Mar	1.62	1.20	0.85	1.27	0.143	1.15					6.10	
fert(N) - dry	lb.			1.00	Apr							40.0000	0.31	12.40		12.40	
fert appl - dry	acre											1.0000	3.30	3.30		3.30	
fert(P) - dry	lb.											10.0000	0.27	2.70		2.70	
field cultivator	35 ft	150	0.065	1.00	May	1.62	1.20	0.75	1.38	0.143	1.15					6.11	
planter	bed	75	0.152	1.00	Jun	2.44	1.82	2.51	4.29	0.305	2.44					13.52	
seed - sorghum	lb.											2.0000	1.21	2.42		2.42	
herb+appl - soghum	acre			1.00	Jun							1.0000	18.66	18.66		18.66	
sand fighter		40	0.057	1.00	Jun	0.62	0.47	0.18	0.28	0.125	1.00					2.58	
Pickup Truck	3/4 ton		0.006	20.00	Jun			3.84	0.26							4.10	
insec+appl - sorghum	appl			1.00	Jul							0.3300	13.00	4.29		4.29	
cust harv - sorghumd	acre			1.00	Oct							1.0000	11.00	11.00		11.00	
cust haul - sorghumd	cwt.											17.0000	0.28	4.76		4.76	
TOTALS							6.31	4.71	8.16	7.50	0.719	5.75			59.53		91.97
INTEREST ON OPERATING CAPITAL																	2.07
UNALLOCATED LABOR																	0.00
TOTAL SPECIFIED COST																	94.04

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