

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

Table 19.A Estimated costs and returns per Acre  
Cont. Sorghum, Sprinkler Irrigated, (Natural Gas)  
2005 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sorghum	cwt	3.85	70.0000	269.50	_____
				-----	
TOTAL INCOME				269.50	_____
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 appl - dry	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	70.0000	23.10	_____
cust haul - sorghumi	cwt.	0.28	70.0000	19.60	_____
OPERATOR LABOR					
Implements	hour	8.00	0.7540	6.03	_____
Tractors	hour	8.00	0.7811	6.24	_____
HAND LABOR					
Implements	hour	8.00	0.1527	1.22	_____
IRRIGATION LABOR					
irrig.-CP(nat. gas)	hour	8.00	0.8960	7.16	_____
DIESEL FUEL					
Tractors	gal	1.73	3.7675	6.51	_____
GASOLINE					
Self-Propelled Eq.	gal	1.83	2.0100	3.67	_____
NATURAL GAS					
irrig.-CP(nat. gas)	Mcf	7.00	14.0000	98.00	_____
REPAIR & MAINTENANCE					
Implements	Acre	9.58	1.0000	9.58	_____
Tractors	Acre	9.19	1.0000	9.19	_____
Self-Propelled Eq.	Acre	0.16	1.0000	0.16	_____
irrig.-CP(nat. gas)	ac-in	2.03	14.0000	28.42	_____
INTEREST ON OP. CAP.	Acre	8.14	1.0000	8.14	_____
				-----	
TOTAL DIRECT EXPENSES				306.19	_____
RETURNS ABOVE DIRECT EXPENSES				-36.69	_____
FIXED EXPENSES					
Implements	Acre	15.23	1.0000	15.23	_____
Tractors	Acre	13.85	1.0000	13.85	_____
Self-Propelled Eq.	Acre	0.26	1.0000	0.26	_____
irrig.-CP(nat. gas)	Acre	33.60	1.0000	33.60	_____
				-----	
TOTAL FIXED EXPENSES				62.94	_____
				-----	
TOTAL SPECIFIED EXPENSES				369.13	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-99.63	_____
ALLOCATED COST ITEMS					
cash rent - sorghumf	acre	45.00	1.0000	45.00	_____
RESIDUAL RETURNS				-144.63	_____

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Table 19.B Estimated resource use and costs for field operations, per Acre  
Cont. Sorghum, Sprinkler Irrigated, (Natural Gas)  
2005 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-----				
sand fighter		40	0.057	1.00	Dec	0.62	0.47	0.18	0.28	0.125	1.00					2.58
chisel		125	0.099	1.00	Dec	2.73	2.54	0.69	1.18	0.219	1.75					8.91
disc	tandem	100	0.138	1.00	Feb	3.13	2.96	1.52	2.27	0.303	2.42					12.32
disc	tandem	100	0.138	1.00	Mar	3.13	2.96	1.52	2.27	0.303	2.42					12.32
fert(N) - ANH3	lb.			1.00	Apr							120.0000	0.19	22.80		22.80
fert(P) - dry	lb.											60.0000	0.27	16.20		16.20
fert appl - ANH3	acre											1.0000	6.60	6.60		6.60
fert appl - dry	acre											1.0000	3.30	3.30		3.30
irrig.-CP(nat. gas)	ac-in			1.00	May			18.06	33.60	0.128	1.02	2.0000				52.68
rod weeder	8 row	100	0.077	1.00	May	1.75	1.66	1.11	1.90	0.170	1.36					7.80
planter	bed	75	0.152	1.00	May	2.44	1.82	2.51	4.29	0.305	2.44					13.52
seed - sorghum	lb.											6.0000	1.21	7.26		7.26
herb+appl - soghum	acre			1.00	May							1.0000	18.66	18.66		18.66
irrig.-CP(nat. gas)	ac-in			1.00	May			27.09		0.192	1.53	3.0000				28.62
cultivator	8 row	75	0.118	1.00	Jun	1.88	1.41	2.01	3.01	0.259	2.07					10.41
irrig.-CP(nat. gas)	ac-in			1.00	Jun			27.09		0.192	1.53	3.0000				28.62
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
irrig.-CP(nat. gas)	ac-in			1.00	Jul			27.09		0.192	1.53	3.0000				28.62
irrig.-CP(nat. gas)	ac-in			1.00	Aug			27.09		0.192	1.53	3.0000				28.62
cust harv - sorghumi cwt.				1.00	Oct							70.0000	0.33	23.10		23.10
cust haul - sorghumi cwt.												70.0000	0.28	19.60		19.60
TOTALS						15.71	13.85	139.84	49.09	2.583	20.67			121.81		360.98
INTEREST ON OPERATING CAPITAL																8.14
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																369.13

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