

Table 18.A Estimated costs and returns per Acre
 Cont. Sorghum, Furrow Irrigated, (Natural Gas)
 2003 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sorghum	cwt	4.00	65.0000	260.00	_____

TOTAL INCOME				260.00	_____
DIRECT EXPENSES					
SEED					
seed - sorghum	lb.	1.10	6.0000	6.60	_____
FERTILIZER					
fert(N) - ANH3	lb.	0.10	120.0000	12.48	_____
fert(P) - dry	lb.	0.22	60.0000	13.50	_____
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	1.06	5.3822	5.70	_____
GASOLINE					
Self-Propelled Eq.	gal	1.45	2.0100	2.91	_____
NATURAL GAS					
irrigation - nat.gas	Mcf	3.92	18.0000	70.56	_____
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	8.41	1.0000	8.41	_____

TOTAL DIRECT EXPENSES				288.73	_____
RETURNS ABOVE DIRECT EXPENSES				-28.73	_____
FIXED EXPENSES					
Implements	Acre	18.41	1.0000	18.41	_____
Tractors	Acre	19.70	1.0000	19.70	_____
Self-Propelled Eq.	Acre	0.26	1.0000	0.26	_____
irrigation - nat.gas	Acre	24.62	1.0000	24.62	_____

TOTAL FIXED EXPENSES				63.00	_____

TOTAL SPECIFIED EXPENSES				351.74	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-91.74	_____
ALLOCATED COST ITEMS					
cash rent - sorghumf	acre	45.00	1.0000	45.00	_____
RESIDUAL RETURNS				-136.74	_____

Projections for Planning Purposes Only.

Table 18.B Estimated resource use and costs for field operations, per Acre
 Cont. 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	Dec	1.93	1.78	0.80	2.44	0.460	3.68				10.66
chisel		125	0.099	1.00	Dec	2.29	2.59	0.69	1.19	0.219	1.75				8.52
disc	tandem	100	0.138	1.00	Feb	2.63	3.01	1.52	2.30	0.303	2.42				11.90
disc	tandem	100	0.138	1.00	Mar	2.63	3.01	1.52	2.30	0.303	2.42				11.90
fert(N) - ANH3	lb.			1.00	Apr							120.0000	0.10	12.48	12.48
fert(P) - dry	lb.											60.0000	0.22	13.50	13.50
fert appl - ANH3	acre											1.0000	6.60	6.60	6.60
fert application	acre											1.0000	3.30	3.30	3.30
bedder		150	0.057	1.00	Apr	1.12	1.07	0.44	0.66	0.125	1.00				4.30
irrigation - nat.gas	ac-in			1.00	Apr			34.32	24.62	0.843	6.74	6.0000			65.68
rod weeder	8 row	100	0.077	1.00	May	1.47	1.69	1.11	1.92	0.170	1.36				7.57
planter	bed	75	0.152	1.00	May	2.04	1.86	2.51	4.35	0.305	2.44				13.22
seed - sorghum	lb.											6.0000	1.10	6.60	6.60
herb+appl - soghum	acre											1.0000	18.66	18.66	18.66
sprayer	mounted	100	0.157	1.00	May	3.00	3.44	1.68	2.04	0.315	2.52				12.71
furrow opener	20 feet	75	0.100	1.00	May	1.33	1.21	0.77	1.16	0.220	1.76				6.25
Pickup Truck	3/4 ton		0.006	20.00	May			3.07	0.26						3.34
irrigation - nat.gas	ac-in			1.00	Jun			22.88		0.562	4.49	4.0000			27.37
irrigation - nat.gas	ac-in			1.00	Jul			22.88		0.562	4.49	4.0000			27.37
insec+appl - sorghum appl												0.3300	13.00	4.29	4.29
irrigation - nat.gas	ac-in			1.00	Aug			22.88		0.562	4.49	4.0000			27.37
cust harv - sorghumi cwt.				1.00	Oct							65.0000	0.33	21.45	21.45
cust haul - sorghumi cwt.												65.0000	0.28	18.20	18.20
TOTALS						18.48	19.70	117.12	43.30	4.953	39.62			105.08	343.32
INTEREST ON OPERATING CAPITAL															8.41
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															351.74

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