

Table 20.A Estimated costs and returns per Acre
Sorghum, Sprinkler Irrigated, (Sandy Soils)
2003 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
sorghum	cwt	4.00	55.0000	220.00	_____

TOTAL INCOME				220.00	_____
DIRECT EXPENSES					
SEED					
seed - sorghum	lb.	1.10	6.0000	6.60	_____
FERTILIZER					
fert(P) - dry	lb.	0.22	60.0000	13.50	_____
fert(N) - dry	lb.	0.21	120.0000	26.04	_____
CUSTOM					
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	55.0000	18.15	_____
cust haul - sorghumi	cwt.	0.28	55.0000	15.40	_____
OPERATOR LABOR					
Implements	hour	8.00	0.8729	6.98	_____
Tractors	hour	8.00	0.8801	7.04	_____
HAND LABOR					
Implements	hour	8.00	0.1527	1.22	_____
IRRIGATION LABOR					
irrig.-CP(nat. gas)	hour	8.00	0.9600	7.68	_____
DIESEL FUEL					
Tractors	gal	1.06	3.8523	4.08	_____
GASOLINE					
Self-Propelled Eq.	gal	1.45	3.5175	5.10	_____
NATURAL GAS					
irrig.-CP(nat. gas)	Mcf	3.92	15.0000	58.80	_____
REPAIR & MAINTENANCE					
Implements	Acre	9.45	1.0000	9.45	_____
Tractors	Acre	8.97	1.0000	8.97	_____
Self-Propelled Eq.	Acre	0.28	1.0000	0.28	_____
irrig.-CP(nat. gas)	ac-in	2.03	15.0000	30.45	_____
INTEREST ON OP. CAP.	Acre	7.19	1.0000	7.19	_____

TOTAL DIRECT EXPENSES				253.22	_____
RETURNS ABOVE DIRECT EXPENSES				-33.22	_____
FIXED EXPENSES					
Implements	Acre	16.37	1.0000	16.37	_____
Tractors	Acre	13.36	1.0000	13.36	_____
Self-Propelled Eq.	Acre	0.46	1.0000	0.46	_____
irrig.-CP(nat. gas)	Acre	33.60	1.0000	33.60	_____

TOTAL FIXED EXPENSES				63.81	_____

TOTAL SPECIFIED EXPENSES				317.03	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-97.03	_____
ALLOCATED COST ITEMS					
cash rent - sorghumf	acre	45.00	1.0000	45.00	_____
RESIDUAL RETURNS				-142.03	_____

Projections for Planning Purposes Only.

Table 20.B Estimated resource use and costs for field operations, per Acre
 Sorghum, Sprinkler Irrigated, (Sandy Soils)
 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	0.30	Dec	0.68	0.77	0.20	0.35	0.065	0.52				2.55
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
Pickup Truck	3/4 ton		0.006	35.00	Mar			5.38	0.46						5.85
fert(P) - dry	lb.			1.00	Apr							60.0000	0.22	13.50	13.50
fert(N) - dry	lb.											120.0000	0.21	26.04	26.04
fert appl - dry	acre											1.0000	3.30	3.30	3.30
field cultivator	35 ft	150	0.065	1.00	May	1.28	1.22	0.75	1.40	0.143	1.15				5.82
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 - sorghum	acre			1.00	May							1.0000	18.66	18.66	18.66
irrig.-CP(nat. gas)	ac-in			1.00	May			17.85	33.60	0.192	1.53	3.0000			52.98
sand fighter		40	0.057	0.50	Jun	0.26	0.24	0.09	0.14	0.062	0.50				1.24
cultivator	8 row	75	0.118	1.00	Jun	1.58	1.43	2.01	3.05	0.259	2.07				10.17
irrig.-CP(nat. gas)	ac-in							17.85		0.192	1.53	3.0000			19.38
irrig.-CP(nat. gas)	ac-in			1.00	Jul			17.85		0.192	1.53	3.0000			19.38
irrig.-CP(nat. gas)	ac-in			1.00	Jul			17.85		0.192	1.53	3.0000			19.38
insec+appl - sorghum appl												0.3300	13.00	4.29	4.29
irrig.-CP(nat. gas)	ac-in			1.00	Aug			17.85		0.192	1.53	3.0000			19.38
cust harv - sorghumi cwt.				1.00	Oct							55.0000	0.33	18.15	18.15
cust haul - sorghumi cwt.												55.0000	0.28	15.40	15.40
TOTALS						13.06	13.36	104.09	50.44	2.865	22.92			105.94	309.83
INTEREST ON OPERATING CAPITAL															7.19
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															317.03

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