

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

Table 21.A Estimated costs and returns per Acre  
Soybeans, Roundup Ready, Furrow Irr. (Natural Gas)  
2005 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
soybean	bu.	4.91	50.0000	245.50	_____
				-----	
TOTAL INCOME				245.50	_____
DIRECT EXPENSES					
SEED					
seed - soybean	lb.	0.50	60.0000	30.00	_____
FERTILIZER					
fert(P) - dry	lb.	0.27	45.0000	12.15	_____
CUSTOM					
herb+appl - soybean	acre	11.63	2.0000	23.26	_____
insec+appl-soybeans	acre	10.24	0.5000	5.12	_____
harv & haul - soybean	bu.	0.33	50.0000	16.50	_____
OPERATOR LABOR					
Implements	hour	8.00	0.9500	7.60	_____
Tractors	hour	8.00	0.9444	7.55	_____
HAND LABOR					
Implements	hour	8.00	0.1527	1.22	_____
IRRIGATION LABOR					
irrigation - nat.gas	hour	8.00	2.6695	21.35	_____
DIESEL FUEL					
Tractors	gal	1.73	4.8363	8.36	_____
GASOLINE					
Self-Propelled Eq.	gal	1.83	0.1005	0.18	_____
NATURAL GAS					
irrigation - nat.gas	Mcf	7.00	19.0000	133.00	_____
REPAIR & MAINTENANCE					
Implements	Acre	8.41	1.0000	8.41	_____
Tractors	Acre	10.45	1.0000	10.45	_____
Self-Propelled Eq.	Acre	0.00	1.0000	0.00	_____
irrigation - nat.gas	ac-in	1.80	19.0000	34.20	_____
INTEREST ON OP. CAP.	Acre	7.69	1.0000	7.69	_____
				-----	
TOTAL DIRECT EXPENSES				327.08	_____
RETURNS ABOVE DIRECT EXPENSES				-81.58	_____
FIXED EXPENSES					
Implements	Acre	14.98	1.0000	14.98	_____
Tractors	Acre	15.90	1.0000	15.90	_____
Self-Propelled Eq.	Acre	0.01	1.0000	0.01	_____
irrigation - nat.gas	Acre	24.62	1.0000	24.62	_____
				-----	
TOTAL FIXED EXPENSES				55.51	_____
				-----	
TOTAL SPECIFIED EXPENSES				382.60	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-137.10	_____
ALLOCATED COST ITEMS					
cash rent- soybeans	acre	45.00	1.0000	45.00	_____
RESIDUAL RETURNS				-182.10	_____

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Table 20.B Estimated resource use and costs for field operations, per Acre  
Sorghum, Sprinkler Irrigated, (Sandy Soils)  
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-----			
shredder	4 row	40	0.209	1.00	Dec	2.29	1.75	0.80	2.41	0.460	3.68				10.95
chisel		125	0.099	0.30	Dec	0.82	0.76	0.20	0.35	0.065	0.52				2.67
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
Pickup Truck	3/4 ton		0.006	35.00	Mar			6.72	0.45						7.18
fert(P) - dry	lb.			1.00	Apr							60.0000	0.27	16.20	16.20
fert(N) - dry	lb.											120.0000	0.31	37.20	37.20
fert appl - dry	acre											1.0000	3.30	3.30	3.30
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	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	33.60	0.192	1.53	3.0000			62.22
sand fighter		40	0.057	0.50	Jun	0.31	0.23	0.09	0.14	0.062	0.50				1.29
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							27.09		0.192	1.53	3.0000			28.62
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	Jul			27.09		0.192	1.53	3.0000			28.62
insec+appl - sorghum appl	ac-in											0.3300	13.00	4.29	4.29
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							55.0000	0.33	18.15	18.15
cust haul - sorghumi cwt.												55.0000	0.28	15.40	15.40
TOTALS						15.64	13.12	151.63	50.22	2.865	22.92			120.46	374.00
INTEREST ON OPERATING CAPITAL															8.66
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															382.67

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