

Table 21.A Estimated costs and returns per Acre
 Soybeans, Roundup Ready, Furrow Irr. (Natural Gas)
 2003 Projected Costs and Returns per Acre

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
soybean	bu.	4.45	50.0000	222.50	_____

TOTAL INCOME				222.50	_____
DIRECT EXPENSES					
SEED					
seed - soybean	lb.	0.50	60.0000	30.00	_____
FERTILIZER					
fert(P) - dry	lb.	0.22	45.0000	10.12	_____
CUSTOM					
herb+appl - soybean	1 acre	11.63	2.0000	23.26	_____
insec+appl-soybeans	acre	10.24	0.5000	5.12	_____
harv & haul - soybea	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	1.06	4.8363	5.12	_____
GASOLINE					
Self-Propelled Eq.	gal	1.45	0.1005	0.14	_____
NATURAL GAS					
irrigation - nat.gas	Mcf	3.92	19.0000	74.48	_____
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	6.56	1.0000	6.56	_____

TOTAL DIRECT EXPENSES				262.13	_____
RETURNS ABOVE DIRECT EXPENSES				-39.63	_____
FIXED EXPENSES					
Implements	Acre	15.17	1.0000	15.17	_____
Tractors	Acre	16.20	1.0000	16.20	_____
Self-Propelled Eq.	Acre	0.01	1.0000	0.01	_____
irrigation - nat.gas	Acre	24.62	1.0000	24.62	_____

TOTAL FIXED EXPENSES				56.01	_____

TOTAL SPECIFIED EXPENSES				318.14	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-95.64	_____
ALLOCATED COST ITEMS					
cash rent- soybeans	acre	45.00	1.0000	45.00	_____
RESIDUAL RETURNS				-140.64	_____

Projections for Planning Purposes Only.

Table 21.B Estimated resource use and costs for field operations, per Acre
 Soybeans, Roundup Ready, Furrow Irr. (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
Pickup Truck	3/4 ton		0.006	1.00	Dec			0.15	0.01						0.16
field cultivator	35 ft	150	0.065	1.00	Feb	1.28	1.22	0.75	1.40	0.143	1.15				5.82
field cultivator	35 ft	150	0.065	1.00	Mar	1.28	1.22	0.75	1.40	0.143	1.15				5.82
herb+appl - soybean	1 acre											1.0000	11.63	11.63	11.63
bedder		150	0.057	1.00	Apr	1.12	1.07	0.44	0.66	0.125	1.00				4.30
cultivator	rolling	100	0.147	1.00	Apr	2.80	3.21	1.22	1.85	0.324	2.59				11.69
irrigation - nat.gas	ac-in			1.00	Apr			34.32	24.62	0.843	6.74	6.0000			65.68
planter	bed	75	0.152	1.00	May	2.04	1.86	2.51	4.35	0.305	2.44				13.22
seed - soybean	lb.											60.0000	0.50	30.00	30.00
fert(P) - dry	lb.											45.0000	0.22	10.12	10.12
cultivator	rolling	100	0.147	1.00	Jun	2.80	3.21	1.22	1.85	0.324	2.59				11.69
irrigation - nat.gas	ac-in			1.00	Jun			22.88		0.562	4.49	4.0000			27.37
herb+appl - soybean	1 acre			1.00	Jun							1.0000	11.63	11.63	11.63
irrigation - nat.gas	ac-in			1.00	Jul			17.16		0.421	3.37	3.0000			20.53
irrigation - nat.gas	ac-in			1.00	Jul			17.16		0.421	3.37	3.0000			20.53
insec+appl-soybeans	acre			1.00	Aug							0.5000	10.24	5.12	5.12
irrigation - nat.gas	ac-in			1.00	Aug			17.16		0.421	3.37	3.0000			20.53
harv & haul - soybea	bu.			1.00	Sep							50.0000	0.33	16.50	16.50
TOTALS						15.58	16.20	117.25	39.81	4.716	37.73			85.00	311.58
INTEREST ON OPERATING CAPITAL															6.56
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															318.14

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