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PROJECTED COSTS AND RETURNS
COTTON, SOYBEANS, CORN, MILO AND WHEAT,
RED RIVER AND CENTRAL AREAS, LOUISIANA, 2001

by

Kenneth W. Paxton



Louisiana State University Agricultural Center
William B. Richardson, Chancellor

Louisiana Agricultural Experiment Station
R. Larry Rogers, Director

Department of Agricultural Economics and Agribusiness

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COTTON, SOYBEANS, CORN, MILO AND WHEAT,
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ENTERPRISE BUDGETS

The enterprise budgets for owner-operators and tenant-operators are presented in two formats. One format is a summary of costs and returns for the enterprise. This format presents costs by broad categories such as herbicides, insecticides, etc. The other format presents a detailed listing of the operations, the equipment size and the associated power unit along with the date performed and the associated costs for tractor, machinery and materials. Together these formats provide the detailed information necessary to adjust budgets to individual situations. In addition, the appendix to this report contains detailed cost estimates for an extensive list of equipment, irrigation systems, and operating inputs. These may also be used to modify budgets contained in this report or construct new enterprise budgets.

It should also be noted that the enterprise budgets presented for owner-operators assume the operator owns the land resource (i.e. he has 100 percent equity in the land). If a person is in the process of purchasing his land (less than 100% equity) his cost of production may be considerably higher than the full owner or the tenant-operator. For example, if a farmer pays a land note of \$100 per acre per year, he may have a higher cost per unit of output than a person renting the land. To account for land costs in the owner-operator budgets, an opportunity cost for land is shown as an allocated cost item in the budgets. These are non-cash costs that represent income that could be gained if the owner-operator chose to rent out the land rather than produce the enterprise.

Cotton Budgets

This report presents cotton budgets showing projected costs and returns for 2001 for the Red River and Central Areas of Louisiana. Cotton budgets are presented for 6- and 8-row equipment. A 38 inch row spacing was used as a basis for all equipment size designation. Both owner-operators and tenant-operators budgets are presented in this report. Following each budget is a table showing the sequence of operations and associated machinery costs and labor requirements for each operation.

Cotton Harvesting

Harvesting costs shown in the budgets are based on using four-row cotton pickers. Data on costs associated with owning and operating two-row cotton pickers are shown in the appendix to this report. These data indicate that the cost of owning and operating a two-row picker are approximately \$65.00 per acre compared to \$39.00 for a four-row picker. These costs assume that the four-row machine will be used on approximately 1,100 acres while the two-row machine will be used on 430 acres. Rates of use higher (lower) than these will decrease (increase) per acre costs. Enterprise budgets reflect twice over harvest for approximately half of the acreage. The decision to "scrap" cotton should be based on the potential profitability of the operation comparing the value of the cotton harvested with the cost of operating the cotton picker and associated equipment.

Boll Weevil Eradication

A boll weevil eradication (BWE) program was approved in the Red River area of the state and implemented in the fall of 1997. Each cotton producer must pay an assessment of \$10 per acre. Cotton budgets in this publication include the assessment as a cost of producing cotton for 2001. Because the BWE program makes applications of insecticides to control the boll weevil, individual producer insecticide expenditures will be reduced. Insecticide programs for producers in the Red River area have been modified to account for BWE program applications.

¹Professor, Department of Agricultural Economics and Agribusiness, Louisiana Agricultural Experiment Station, Louisiana State University Agricultural Center, Baton Rouge.

Storage Charges

Cotton budgets for 2001 include an allowance for the storage of cotton. Typically, cotton leaving the gin moves to a warehouse before moving into the marketing channel. Cotton placed in a warehouse is assessed an in and out charge as well as a compression charge. In addition, there is a monthly storage charge. While charges for these services vary among warehouses across the state, a vast majority (over 95%) of the cotton marketed in the state moves through a warehouse and incurs some cost. Many warehouses offer rebates to producers storing cotton at their facility. For the purpose of developing estimates for budgets in this publication, we have assumed that the average length of storage is approximately five to six months. Total net charges for storage (including in/out and compression charges less rebate) are estimated to be \$25 per bale.

Soybean Budgets

Budgets showing projected costs and returns for soybeans for 2001 are presented for the Red River and Central Areas. Budgets are presented for two soil types (sandy and clay) and equipment sizes (6- and 8-row). All equipment size designations are based on a 38 inch row width. Many soybean producers employ production techniques which utilize a row spacing of less than 38 inches. However, the 38 inch spacing was the dominant spacing on the survey farms and all budgets for conventionally planted soybeans were based on this spacing. Soybean budgets are also included for planting with a grain drill and a stale seedbed production system.

Corn, Milo and Wheat Budgets

Budgets showing projected costs and returns for corn, milo and wheat for 2001 are presented for the Red River and Central Areas. Following each budget is a table showing the operations and associated costs for each operation. Corn, milo, and wheat budgets showing projected costs for 2001 are presented for one equipment size (6-row). Since wheat is generally produced in a double crop situation, a charge for farm overhead is not included in the wheat budget.

SUMMARY

A summary of projected costs and returns for cotton production situations included in this report is presented in Table 1. There is a slight advantage for the larger size equipment in terms of net returns and total costs. Cotton production costs for 2001 include the use of a module builder and boll buggy for a portion of the cotton harvested. A mandatory checkoff charge of \$2.44 per bale was included in the 2001 cotton budgets. This charge was based on a flat charge of one dollar per bale plus 0.5 percent of the value of a 480 pound bale. A summary of breakeven selling prices necessary to recover direct expenses as well as total costs are shown in Table 2. Breakeven selling prices are shown for five yield levels.

A summary of projected costs and returns for soybean production situations included in this report is presented in Table 3. Budgets are presented for two soil types (sandy and clay) and two equipment sizes (6- and 8-row). Within soil types, larger sized equipment had an advantage over smaller size equipment. There was little difference in net returns for soybeans produced on sandy soils and soybeans produced on clay soils. Table 4 presents breakeven selling prices for soybeans at five yield levels for the budget situations.

Table 5 presents a summary of projected costs and returns for corn, milo, and wheat budgets included in this report (wheat budgets do not include a charge for farm overhead since wheat is generally produced as a double crop (e.g. wheat, soybeans). Breakeven selling prices for corn, milo and wheat at five yield levels are presented in Table 6.

"Breakeven" selling prices have been included in this report for five production levels for each crop situation budgeted. The breakeven selling price represents the cost per unit of output at that particular yield level. Thus, a price higher than the breakeven price would have to be received before the operator would receive a return above the specified costs. "Breakeven" prices have been presented for "direct expenses" (a close approximation of cash costs for most producers) and for "total specified expenses", which represents all costs except overhead, land, and risk costs for the business. Therefore, owner-operators would need a price above the total specified breakeven cost before a return to land would be incurred. For example, if the breakeven selling price above total specified expenses for soybeans at a yield of 25 bushels per acre is \$4.50 and the expected selling price is \$5.50 per bushel, then the producer could expect \$1.00 per bushel or \$25.00 returns per acre to land and risk. "Breakeven" prices for "direct expenses" do include land rent for tenant-operators. If land rent was entered as a cash rent in tenant budgets, the "breakeven" price for total specified direct expenses would include land as a charge in those situations.

TABLE 1. A summary of projected costs and returns per acre for Cotton production, Red River and Central Areas, Louisiana, 2001.^A

Crop Description	Yield Per Acre ^B	Unit	Returns					
			Total Income	Total Direct Expenses	Above Direct Expenses	Total Fixed Expenses	Total Specified Expenses	Above Specified Expenses
.....Dollars per unit.....								
Cotton, 6-row, solid	700	lbs. of Lint	470.69	404.59	66.10	75.11	479.70	-9.01
Cotton, 8-row, solid	700	lbs. of Lint	470.69	400.24	70.44	73.00	473.25	-2.56
Cotton, 6-row, solid, (tenant) ^D	700	lbs. of Lint	376.55	382.73	-6.18	73.46	456.19	-79.64
Cotton, 8-row, solid (Bt)	700	lbs. of Lint	470.69	426.88	43.80	72.89	499.78	-29.08
Cotton, 8-row, solid (Stacked Gene)	700	lbs. of Lint	470.69	418.55	52.14	68.02	486.57	-15.88

^A Cotton lint price of \$0.60 per lb. and \$0.05 per lb. for cottonseed was used.

^B Cottonseed yield is equal to 1.55 x yield of lint.

^C Farm overhead charges are not included in total specified expenses. Land cost are only included in total specified expenses for tenant-operators.

^D Assumes a cotton rental arrangement of 1/5 crop share.

TABLE 2. Breakeven selling prices for Cotton for selected yield levels, Red River and Central Areas, Louisiana, 2001.

Crop Description	Base Yield	Unit	Yield Levels				
			-20%	-10%	Base	+10%	+20%
.....Dollars per unit.....							
Price required to recover total specified expenses ^A							
Cotton, 6-row, solid	700	lbs. of lint	0.75	0.67	0.60	0.55	0.50
Cotton, 8-row, solid	700	lbs. of lint	0.74	0.66	0.59	0.54	0.49
Cotton, 6-row, solid, (tenant) ^B	700	lbs. of lint	0.92	0.81	0.73	0.67	0.61
Cotton, 8-row, (Bt)	700	lbs. of lint	0.79	0.70	0.63	0.57	0.53
Cotton, 8-row, (Stacked Gene)	700	lbs. of lint	0.77	0.68	0.61	0.56	0.51
Prices required to recover direct expenses							
Cotton, 6-row, solid	700	lbs. of lint	0.62	0.55	0.50	0.45	0.41
Cotton, 8-row, solid	700	lbs. of lint	0.61	0.54	0.49	0.44	0.41
Cotton, 6-row, solid, (tenant) ^B	700	lbs. of lint	0.75	0.67	0.60	0.55	0.50
Cotton, 8-row, (Bt)	700	lbs. of lint	0.66	0.59	0.53	0.48	0.44
Cotton, 8-row, (Stacked Gene)	700	lbs. of lint	0.64	0.57	0.52	0.47	0.43

^A Does not include land costs or overhead costs.

^B Tenant-operator budgets include land costs.

TABLE 3. A summary of projected costs and returns per acre for Soybean production, Red River Central Areas, Louisiana, 2001.^a

Crop Description	Yield Per Acre	Unit	Returns				Returns	
			Total income	Total Direct Expenses	Above Direct Expenses	Total Fixed Expenses	Total Specified Expenses	Above Specified Expenses ^b
.....Dollars per unit.....								
Soybeans, 6-row, sandy	30.0	bu	157.50	108.68	48.81	40.24	148.92	8.57
Soybeans, 8-row, sandy	30.0	bu	157.50	102.56	54.93	37.73	140.30	17.19
Soybeans, 6-row, clay	30.0	bu	157.50	101.08	56.41	35.28	136.36	21.13
Soybeans, 8-row, clay	30.0	bu	157.50	96.10	61.39	33.19	129.29	28.20
Soybeans, 6-row, clay (tenant)	30.0	bu	117.88	101.08	17.03	35.28	136.36	-18.24
Soybeans, 6-row, clay (drilled) ^c	30.0	bu	157.50	106.38	51.11	28.54	134.93	22.56
Soybeans, 8-row, clay stale seedbed ^d	30.0	bu	118.12	98.80	19.32	22.71	121.52	-3.39
Soybeans, 8-row, Roundup Ready®	30.0	bu	157.50	101.64	55.85	22.34	123.98	33.51

^a Crop price used was \$5.20 per bu. for soybeans.

^b Farm overhead charges are not included in total specified expenses.

^c Assumes a soybean rental arrangement of 1/4 crop share.

^d Tenant Farm.

TABLE 4. Breakeven selling prices for Soybeans for selected yield levels, Red River and Central Areas, Louisiana, 2001.

Crop Description	Base Yield	Unit	Yield Levels			
			-20%	-10%	Base	+10%
PRICES REQUIRED TO RECOVER TOTAL SPECIFIED EXPENSES						
Soybeans, 6-row, sandy	30.0	bu	6.21	5.52	4.96	4.51
Soybeans, 8-row, sandy	30.0	bu	5.84	5.20	4.68	4.25
Soybeans, 6-row, clay	30.0	bu	5.68	4.05	4.55	4.13
Soybeans, 8-row, clay	30.0	bu	5.39	4.79	4.31	3.92
Soybeans, 6-row, clay (tenant)	30.0	bu	7.58	6.73	6.06	5.51
Soybeans, 6-row, clay (drilled)	30.0	bu	5.62	5.00	4.50	4.09
Soybeans, 8-row, clay stl sdbd ^c	30.0	bu	6.75	6.00	5.40	4.91
Soybeans, 8-row, clay, RR	30.0	bu	5.16	4.59	4.13	3.76
PRICES REQUIRED TO RECOVER DIRECT EXPENSES						
Soybeans, 6-row, sandy	30.0	bu	4.53	4.03	3.62	3.29
Soybeans, 8-row, sandy	30.0	bu	4.27	3.80	3.42	3.11
Soybeans, 6-row, clay	30.0	bu	4.21	3.74	3.37	3.06
Soybeans, 8-row, clay	30.0	bu	4.00	3.56	3.20	2.91
Soybeans, 6-row, clay (tenant)	30.0	bu	5.62	4.99	4.49	4.08
Soybeans, 6-row, clay (drilled)	30.0	bu	4.43	3.94	3.55	3.22
Soybeans, 8-row, clay stl sdbd ^c	30.0	bu	5.49	4.88	4.39	3.99
Soybeans, 8-row, clay, RR	30.0	bu	4.24	3.76	3.39	3.08

^a Does not include land costs or overhead costs.

^b Tenant-operator budgets include land costs.

^c A Tenant Farm.

TABLE 5. A summary of projected costs and returns per acre for Wheat, Milo, and Corn production, Red River and Central Areas, Louisiana, 2001.^A

Crop Description	Yield			Returns				Returns	
	Per Acre	Total Unit	Total Income	Total Direct Expenses	Above Direct Expenses	Total Fixed Expenses	Total Specified Expenses	Above Specified Expenses	
.....Dollars per unit.....									
Soybeans - Wheat, (dbl. crop)	28 +	40 bu	259.00	160.28	98.71	51.18	211.46	47.53	
Wheat (grain), 6-row, (drilled)		40 bu	112.00	69.18	42.81	27.00	96.18	15.81	
Milo, 6-row		48 cwt	196.80	115.44	81.35	31.93	147.38	49.41	
Milo, 6-row (tenant) ^c		48 cwt	147.60	115.44	32.15	31.93	147.38	.21	
Corn grain, 6-row equip.		120 bu	300.00	221.93	78.06	45.23	267.17	32.82	
Corn grain, 6-row equip. (tenant) ^c		120 bu	240.00	217.33	22.66	45.23	262.57	-22.57	

^A Crop prices used were \$2.50 per bu. for corn, \$4.10 per cwt. for Milo, \$2.80 per bu. for wheat and \$5.25 per bu. for soybeans.

^B Farm overhead charges are not included in total specified expenses.

^c Assumes a corn rental arrangement of 1/5 crop share.

TABLE 6. Breakeven selling prices for Corn, Milo and Wheat for selected yield levels, Red River and Central Areas, Louisiana, 2001.

Crop Description	Base Yield	Unit	Yield Levels			
			-20%	-10%	Base	+10%
PRICES REQUIRED TO RECOVER TOTAL SPECIFIED EXPENSES						
Wheat, 6-row, drilled	40	bu	3.01	2.67	2.40	2.19
Milo, 6-row	48	cwt	3.83	3.41	3.07	2.79
Milo, 6-row (tenant)	48	cwt	4.80	4.26	3.84	3.49
Corn, 6-row	120	bu	2.74	2.45	2.23	2.04
Corn, 6-row, (tenant)	120	bu	3.37	3.02	2.79	2.50
PRICES REQUIRED TO RECOVER DIRECT EXPENSES						
Wheat, 6-row, drilled	40	bu	2.16	1.92	1.73	1.57
Milo, 6-row	48	cwt	3.01	2.67	2.41	2.19
Milo, 6-row (tenant)	48	cwt	3.76	3.34	3.01	2.73
Corn, 6-row	120	bu	2.27	2.03	1.85	1.70
Corn, 6-row, (tenant)	120	bu	2.78	2.50	2.26	2.07

Table 7.A Estimated costs and returns per acre
 Cotton, sandy soil, 6-row equipment, solid planted,
 owner-operators, Red River and Central Areas, Louisiana, 2001

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
INCOME				dollars	dollars
Cotton lint	lbs	0.60	700.0000	420.00	_____
Cottonseed prod	lb	0.05	1085.0000	54.25	_____
Cotton checkoff	bale	2.44	-1.4580	-3.55	_____
TOTAL INCOME				470.69	_____
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol (RR)	acre	3.05	2.5000	7.62	_____
Airplane hi-vol (RR)	acre	4.23	1.0000	4.23	_____
DEFOLIANT					
Dropp	lbs	56.34	0.2000	11.26	_____
Prep	pt	6.53	1.3330	8.70	_____
FERTILIZER					
Nitrogen	lbs	0.25	80.0000	20.00	_____
Phosphate	lbs	0.19	40.0000	7.60	_____
Potash	lbs	0.15	50.0000	7.50	_____
FUNGICIDES					
TSX 18.8G	lbs	1.44	10.0000	14.40	_____
HERBICIDES					
Treflan 4L	pt	3.19	1.5000	4.78	_____
Zorial 80DF	lbs	14.17	0.6000	8.50	_____
Cotoran 4L	qt	8.65	1.1000	9.51	_____
MSMA 6.6	pt	2.22	1.8000	3.99	_____
Surfactant	pt	2.01	0.8000	1.60	_____
Bladex 4L	pt	3.71	1.0000	3.71	_____
Fusilade DX	pt	15.02	0.4500	6.75	_____
Crop oil	pt	0.86	0.4500	0.38	_____
HIRED LABOR					
Other labor	hour	7.50	0.4000	3.00	_____
INSECTICIDES					
Temik 15G	lbs	3.32	3.3300	11.05	_____
Karate Z2	oz	3.79	3.1950	12.10	_____
Tracer 4EC	oz	5.76	2.1300	12.26	_____
Orthene 90SP	lb	10.19	0.5000	5.09	_____
OTHER					
BWE Assessment (Red)	acre	10.00	1.0000	10.00	_____
Module hauling	bale	5.00	1.1700	5.85	_____
Ginning cost	lbs	0.08	700.0000	56.00	_____
Insect scout	acre	9.00	1.0000	9.00	_____
Storage	bale	25.00	1.4580	36.45	_____
SEED					
Cotton seed	lbs	0.88	10.0000	8.80	_____
OPERATOR LABOR					
Implements	hour	7.50	0.1100	0.82	_____
Tractors	hour	7.50	3.0010	22.50	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2981	3.57	_____
DIESEL FUEL					
Tractors	gal	1.17	18.4170	21.54	_____
Self-Propelled Eq.	gal	1.17	2.6016	3.04	_____
GASOLINE					
Tractors	gal	1.43	0.6000	0.85	_____
REPAIR & MAINTENANCE					
Implements	acre	11.20	1.0000	11.20	_____
Tractors	acre	18.78	1.0000	18.78	_____
Self-Propelled Eq.	acre	17.50	1.0000	17.50	_____
INTEREST ON OP. CAP.	acre	14.51	1.0000	14.51	_____
TOTAL DIRECT EXPENSES				404.59	_____
RETURNS ABOVE DIRECT EXPENSES				66.10	_____
FIXED EXPENSES					
Implements	acre	18.36	1.0000	18.36	_____
Tractors	acre	29.77	1.0000	29.77	_____
Self-Propelled Eq.	acre	26.98	1.0000	26.98	_____
TOTAL FIXED EXPENSES				75.11	_____
TOTAL SPECIFIED EXPENSES				479.70	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-9.01	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	_____
RESIDUAL RETURNS					
Land (Oppor. Cst.)RR	acre	75.00	1.0000	75.00	_____
RESIDUAL RETURNS				-157.66	_____

Table 7.B Estimated resource use and costs for field operations, per acre
Cotton, sandy soil, 6-row equipment, solid planted,
owner-operators, Red River and Central Areas, Louisiana, 2001.

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-----															
Subsoiler	3 shank	168	0.400	1.00	Jan	7.95	5.64	0.66	1.01	0.440	3.30				18.58
Disk	20 ft	143	0.100	1.00	Jan	1.73	1.25	0.77	1.14	0.110	0.82				5.73
Disk	20 ft	143	0.100	1.00	Mar	1.73	1.25	0.77	1.14	0.110	0.82				5.73
Fertilizer app (R)	20 ft	93	0.090	1.00	Apr	0.48	0.70		0.00	0.099	0.74				1.93
Nitrogen	lbs														20.00
Phosphate	lbs														7.60
Potash	lbs														7.50
Disk pre	20 ft	143	0.100	1.00	Apr	1.73	1.25	0.82	1.22	0.110	0.82				5.86
Treflan 4L	qt														4.42
Zorial 80DF	lbs														8.50
Hippograss	20 ft	143	0.090	1.00	Apr	1.56	1.12	0.28	0.42	0.099	0.74				4.14
Conditioner	20 ft	143	0.090	1.00	Apr	1.56	1.12	0.42	0.56	0.099	0.74				4.42
Plant + pre	20 Pt	143	0.110	1.00	Apr	1.91	1.37	0.95	1.92	0.231	1.73				7.49
Cotoran 4L	qt														5.19
Cotton seed	lbs														8.80
Temik 15G	lbs														3.30
TSX 18.8G	lbs														11.05
Other labor	hour														14.40
Trailer utility	10 ft	93	1.000	0.23	Apr	2.69	1.80	0.05	0.23	0.253	1.89				6.68
Ditcher rotary	1.5 ft	93	0.050	1.00	Apx	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivator	20 ft	143	0.100	1.00	May	1.73	1.25	0.28	0.42	0.110	0.82				4.53
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivator	20 ft	143	0.100	1.00	May	1.73	1.25	0.28	0.42	0.110	0.82				4.53
Cultivate + Post	20 ft	143	0.110	1.00	Jun	1.91	1.37	0.39	0.59	0.121	0.90				5.18
MSMA 6.6	pt														1.99
Cotoran 4L	qt														4.32
Surfactant	pt														0.80
Cultivate + Post	20 ft	143	0.110	1.00	Jun	1.91	1.37	0.39	0.59	0.121	0.90				0.90
MSMA 6.6	pt														1.99
Bladex 4L	pt														3.71
Surfactant	pt														0.80
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.58	0.39	0.11	0.16	0.055	0.41				1.66
BWE Assessment (Red)	acre														10.00
Boom sprayer	30 ft	93	0.060	1.00	Jul	0.70	0.47	0.16	0.18	0.066	0.49				2.01
Fusilade DX	pt														6.75
Crop oil	pt														0.38
Airplane lo-vol (RR)	acre						1.00								3.05
Karate Z2	oz														3.05
Airplane lo-vol (RR)	acre						0.50								2.1300
Karate Z2	oz														8.07
Airplane lo-vol (RR)	acre						1.00								0.5000
Tracer 4EC	oz														1.52
Orthene 90SP	lb														1.0650
Airplane hi-vol (RR)	acre						1.00								3.79
Dropp	lbs														4.03
Prep	pt														4.23
Cotton Picker-MB-BB	4 Row	143	0.220	1.00	Oct			16.68	21.90	0.242	2.90				41.49
Module Builder	32 Ft		1.000	0.22	Oct	3.82	2.75	2.58	4.49	0.242	1.81				15.47
Other labor	hour														1.65
Boll buggy	6 bale	118	1.000	0.22	Oct	3.35	2.41	1.32	2.29	0.242	1.81				11.19
Module hauling	bale						1.00								5.85
Trailer cotton	10 bale	1/2 ton	1.000	0.24	Nov	1.31	1.13	0.38	0.66	0.240	1.80				5.30
Other labor	hour														0.45
Cotton Picker second	4 Row		0.170	0.30	Nov			3.86	5.07	0.056	0.67				9.61
Stalk cutter	13.3 ft	93	0.130	1.00	Nov	1.52	1.01	0.30	0.90	0.143	1.07				4.82
Ginning cost	lbs						1.00								56.00
Insect scout	acre						1.00								9.00
Storage	bale						1.00								36.45
TOTALS						41.19	29.77	31.75	45.34	3.409	26.90				465.19
INTEREST ON OPERATING CAPITAL															14.51
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															479.70

Table 8.A Estimated costs and returns per acre
 Cotton, sandy soil, 8-row equipment, solid planted,
 owner-operators, Red River and Central Areas, Louisiana, 2001

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
INCOME				dollars	dollars
Cotton lint	lbs	0.60	700.0000	420.00	_____
Cottonseed prod	lb	0.05	1085.0000	54.25	_____
Cotton checkoff	bale	2.44	-1.4580	-3.55	_____
TOTAL INCOME				470.69	_____
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol (RR)	acre	3.05	2.5000	7.62	_____
Airplane hi-vol (RR)	acre	4.23	1.0000	4.23	_____
DEFOLIANT					
Dropp	lbs	56.34	0.2000	11.26	_____
Prep	pt	6.53	1.3330	8.70	_____
FERTILIZER					
Nitrogen	lbs	0.25	80.0000	20.00	_____
Phosphate	lbs	0.19	40.0000	7.60	_____
Potash	lbs	0.15	50.0000	7.50	_____
FUNGICIDES					
TSX 18.8G	lbs	1.44	10.0000	14.40	_____
HERBICIDES					
Treflan 4L	pt	3.19	1.5000	4.78	_____
Zorial 80DF	lbs	14.17	0.6000	8.50	_____
Cotoran 4L	qt	8.65	1.1000	9.51	_____
MSMA 6.6	pt	2.22	1.8000	3.99	_____
Surfactant	pt	2.01	0.8000	1.60	_____
Bladex 4L	pt	3.71	1.0000	3.71	_____
Fusilade DX	pt	15.02	0.4500	6.75	_____
Crop oil	pt	0.86	0.4500	0.38	_____
HIRED LABOR					
Other labor	hour	7.50	0.4100	3.07	_____
INSECTICIDES					
Temik 15G	lbs	3.32	3.3330	11.06	_____
Karate Z2	oz	3.79	3.1950	12.10	_____
Tracer 4EC	oz	5.76	2.3300	13.42	_____
Orthene 90SP	lb	10.19	0.5000	5.09	_____
OTHER					
BWE Assessment (Red)	acre	10.00	1.0000	10.00	_____
Module hauling	bale	5.00	1.1700	5.85	_____
Ginning cost	lbs	0.08	700.0000	56.00	_____
Insect scout	acre	9.00	1.0000	9.00	_____
Storage	bale	25.00	1.4580	36.45	_____
SEED					
Cotton seed	lbs	0.88	10.0000	8.80	_____
OPERATOR LABOR					
Tractors	hour	7.50	2.7480	20.61	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2981	3.57	_____
DIESEL FUEL					
Tractors	gal	1.17	17.6260	20.62	_____
Self-Propelled Eq.	gal	1.17	2.6016	3.04	_____
GASOLINE					
Tractors	gal	1.43	0.6000	0.85	_____
REPAIR & MAINTENANCE					
Implements	acre	11.00	1.0000	11.00	_____
Tractors	acre	17.38	1.0000	17.38	_____
Self-Propelled Eq.	acre	17.50	1.0000	17.50	_____
INTEREST ON OP. CAP.	acre	14.18	1.0000	14.18	_____
TOTAL DIRECT EXPENSES				400.24	_____
RETURNS ABOVE DIRECT EXPENSES				70.44	_____
FIXED EXPENSES					
Implements	acre	18.08	1.0000	18.08	_____
Tractors	acre	27.94	1.0000	27.94	_____
Self-Propelled Eq.	acre	26.98	1.0000	26.98	_____
TOTAL FIXED EXPENSES				73.00	_____
TOTAL SPECIFIED EXPENSES				473.25	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-2.56	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	_____
RESIDUAL RETURNS					
Land (Oppor. Cst.)RR	acre	75.00	1.0000	75.00	_____
RESIDUAL RETURNS				-151.21	_____

Table 8.B Estimated resource use and costs for field operations, per acre
 Cotton, sandy soil, 8-row equipment, solid planted,
 owner-operators, Red River and Central Areas, Louisiana, 2001.

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-----															
Subsoiler	3 shank	168	0.400	1.00	Jan	7.95	5.64	0.66	1.01	0.440	3.30				18.58
Disk	26.6 ft	168	0.070	1.00	Jan	1.39	0.98	0.64	0.36	0.077	0.57				4.56
Disk	26.6 ft	168	0.070	1.00	Mar	1.39	0.98	0.64	0.36	0.077	0.57				4.56
Fertilizer app (R)	20 ft	93	0.090	1.00	Apr	0.48	0.70			0.00	0.099	0.74			1.93
Nitrogen	lbs														20.00
Phosphate	lbs														7.60
Potash	lbs														7.50
Disk pre	26.6 ft	168	0.070	1.00	Apr	1.39	0.98	0.69	1.03	0.077	0.57				4.68
Treflan 4L	pt														3.66
Zorial 80DF	lbs														3.77
Hippotion	26.6 ft	168	0.070	1.00	Apr	1.39	0.98	0.28	0.42	0.077	0.57				7.60
Conditioner	26.6 Ft	168	0.070	1.00	Apr	1.39	0.98	0.43	0.57	0.077	0.57				7.50
Plant + pre	26.6 Ft	168	0.080	1.00	Apr	1.59	1.12	0.92	1.47	0.088	0.66				4.68
Cotoran 4L	qt														5.19
Cotton seed	lbs														5.19
Temik 15G	lbs														8.80
TSX 18.8G	lbs														3.3330
Other labor	hour														11.06
Trailer utility	10 ft	93	1.000	0.23	Apr	2.69	1.80	0.05	0.23	0.253	1.89				6.68
Ditcher rotary	1.5 ft	93	0.050	1.00	Apx	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivator	26.6 ft	168	0.080	1.00	May	1.59	1.12	0.31	0.47	0.088	0.66				4.16
Cultivator	20 ft	143	0.100	1.00	May	1.73	1.25	0.28	0.42	0.110	0.82				4.53
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.42	0.62	0.088	0.66				4.43
MSMA 6.6	pt											0.9000	2.22	1.99	1.99
Cotoran 4L	pt											0.5000	8.65	4.32	4.32
Surfactant	pt											0.4000	2.01	0.80	0.80
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.42	0.62	0.088	0.66				4.43
MSMA 6.6	pt											0.9000	2.22	1.99	1.99
Bladex 4L	pt											1.0000	3.71	3.71	3.71
Surfactant	pt											0.4000	2.01	0.80	0.80
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.58	0.39	0.11	0.16	0.055	0.41				1.66
BWE Assessment (Red)	acre											1.0000	10.00	10.00	10.00
Boom sprayer	30 ft	93	0.060	1.00	Jul	0.70	0.47	0.16	0.18	0.066	0.49				2.01
Fusilade DX	pt											0.4500	15.02	6.75	6.75
Crop oil	pt											0.4500	0.86	0.38	0.38
Airplane lo-vol (RR)	acre						1.00					1.0000	3.05	3.05	3.05
Karate Z2	oz											2.1300	3.79	8.07	8.07
Airplane lo-vol (RR)	acre						0.50					0.5000	3.05	1.52	1.52
Karate Z2	oz											1.0650	3.79	4.03	4.03
Airplane lo-vol (RR)	acre						1.00					1.0000	3.05	3.05	3.05
Tracer 4EC	oz											2.3300	5.76	13.42	13.42
Orthene 90SP	lb											0.5000	10.19	5.09	5.09
Airplane hi-vol (RR)	acre						1.00					1.0000	4.23	4.23	4.23
Dropp	lbs											0.2000	56.34	11.26	11.26
Prep	pt											1.3330	6.53	8.70	8.70
Cotton Picker-MB-BB	4 Row		0.220	1.00	Oct			16.68	21.90	0.242	2.90				41.49
Module Builder	32 Ft	143	1.000	0.23	Oct	4.00	2.88	2.69	4.70	0.253	1.89				16.18
Other labor	hour											0.2300	7.50	1.72	1.72
Boll buggy	6 bale	118	1.000	0.22	Oct	3.35	2.41	1.32	2.29	0.242	1.81				11.19
Cotton Picker second	4 Row		0.170	0.30	Nov			3.86	5.07	0.056	0.67				9.61
Module hauling	bale						1.00								5.85
Trailer cotton	10 bale	1\2 ton	1.000	0.24	Nov	1.31	1.13	0.38	0.66	0.240	1.80				5.30
Other labor	hour											0.0600	7.50	0.45	0.45
Stalk cutter	13.3 ft	93	0.130	1.00	Nov	1.52	1.01	0.30	0.90	0.143	1.07				4.82
Ginning cost	lbs						1.00					700.0000	0.08	56.00	56.00
Insect scout	acre						1.00					1.0000	9.00	9.00	9.00
Storage	bale						1.00					1.4580	25.00	36.45	36.45
TOTALS						38.86	27.94	31.55	45.06	3.046	24.18				291.45
INTEREST ON OPERATING CAPITAL															459.07
UNALLOCATED LABOR															14.18
TOTAL SPECIFIED COST															0.00
															473.25

Table 9.A Estimated costs and returns per acre, Cotton, sandy soil,
6-row equipment, solid planted, tenant-operators,
Red River and Central Areas, Louisiana, 2001

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
INCOME				dollars	dollars
Cotton lint	lbs	0.60	700.0000	420.00	
Cottonseed prod	lb	0.05	1085.0000	54.25	
Lint share rent	lbs	0.60	-140.0000	-84.00	
Seed share rent	lbs	0.05	-217.0000	-10.85	
Cotton checkoff	bale	2.44	-1.1670	-2.84	
TOTAL INCOME				376.55	
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol (RR)	acre	3.05	2.2425	6.83	
Airplane hi-vol (RR)	acre	4.23	1.0000	4.23	
DEFOLIANT					
Dropp	lbs	56.34	0.2000	11.26	
Prep	pt	6.53	1.3330	8.70	
FERTILIZER					
Nitrogen	lbs	0.25	80.0000	20.00	
Phosphate	lbs	0.19	40.0000	7.60	
Potash	lbs	0.15	50.0000	7.50	
FUNGICIDES					
TSX 18.8G	lbs	1.44	10.0000	14.40	
HERBICIDES					
Treflan 4L	pt	3.19	1.5000	4.78	
Zorial 80DF	lbs	14.17	0.6000	8.50	
Cotoran 4L	qt	8.65	1.1000	9.51	
MSMA 6.6	pt	2.22	1.8000	3.99	
Surfactant	pt	2.01	0.8000	1.60	
Bladex 4L	pt	3.71	1.0000	3.71	
Fusilade DX	pt	15.02	0.4500	6.75	
Crop oil	pt	0.86	0.4500	0.38	
HIRED LABOR					
Other labor	hour	7.50	0.4100	3.07	
INSECTICIDES					
Temik 15G	lbs	3.32	3.3300	11.05	
Karate Z2	oz	3.79	3.1950	12.10	
Tracer 4EC	oz	5.76	2.1300	12.26	
Orthene 90SP	lb	10.19	0.5000	5.09	
OTHER					
BWE Assessment (Red)	acre	10.00	1.0000	10.00	
Module hauling	bale	5.00	1.0200	5.10	
Ginning cost	lbs	0.08	560.0000	44.80	
Insect scout	acre	9.00	1.0000	9.00	
Storage	bale	25.00	1.1670	29.17	
SEED					
Cotton seed	lbs	0.88	10.0000	8.80	
OPERATOR LABOR					
Implements	hour	7.50	0.1100	0.82	
Tractors	hour	7.50	3.0120	22.59	
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2981	3.57	
DIESEL FUEL					
Tractors	gal	1.17	17.6010	20.59	
Self-Propelled Eq.	gal	1.17	2.6016	3.04	
GASOLINE					
Tractors	gal	1.43	0.6000	0.85	
REPAIR & MAINTENANCE					
Implements	acre	11.32	1.0000	11.32	
Tractors	acre	17.83	1.0000	17.83	
Self-Propelled Eq.	acre	17.50	1.0000	17.50	
INTEREST ON OP. CAP.	acre	14.29	1.0000	14.29	
TOTAL DIRECT EXPENSES				382.73	
RETURNS ABOVE DIRECT EXPENSES				-6.18	
FIXED EXPENSES					
Implements	acre	18.56	1.0000	18.56	
Tractors	acre	27.91	1.0000	27.91	
Self-Propelled Eq.	acre	26.98	1.0000	26.98	
TOTAL FIXED EXPENSES				73.46	
TOTAL SPECIFIED EXPENSES				456.19	
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-79.64	
ALLOCATED COST ITEMS					
Overhead (tenant)	acre	62.63	1.0000	62.63	
RESIDUAL RETURNS				-142.27	

Table 9.B Estimated resource use and costs for field operations, per acre
 Cotton, sandy soil, 6-row equipment, solid planted,
 tenant-operators, Red River and Central Areas, Louisiana, 2001.

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-----															
Subsoiler	3 shank	168	0.400	1.00	Jan	7.95	5.64	0.66	1.01	0.440	3.30				18.58
Disk	20 ft	143	0.100	1.00	Jan	1.73	1.25	0.77	1.14	0.110	0.82				5.73
Disk	20 ft	143	0.100	1.00	Mar	1.73	1.25	0.77	1.14	0.110	0.82				5.73
Fertilizer app (R)	20 ft	93	0.090	1.00	Apr	0.48	0.70			0.00	0.099	0.74			1.93
Nitrogen	lbs														
Phosphate	lbs														
Potash	lbs														
Disk pre	20 ft	143	0.100	1.00	Apr	1.73	1.25	0.82	1.22	0.110	0.82				5.73
Hippograss	20 ft	143	0.090	1.00	Apr	1.56	1.12	0.28	0.42	0.099	0.74				5.73
Conditioner	20 ft	143	0.090	1.00	Apr	1.56	1.12	0.42	0.56	0.099	0.74				5.73
Plant + pre	20 Pt	143	0.110	1.00	Apr	1.91	1.37	0.95	1.92	0.231	1.73				5.73
Cotoran 4L	qt														
Cotton seed	lbs														
Temik 15G	lbs														
TSX 18.8G	lbs														
Other labor	hour														
Trailer utility	10 ft	93	1.000	0.23	Apr	2.69	1.80	0.05	0.23	0.253	1.89				6.68
Ditcher rotary	1.5 ft	93	0.050	1.00	Apx	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivator	20 ft	143	0.100	1.00	May	1.73	1.25	0.28	0.42	0.110	0.82				4.53
Cultivator	20 ft	143	0.100	1.00	May	1.73	1.25	0.28	0.42	0.110	0.82				4.53
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivate + Post	20 ft	143	0.110	1.00	Jun	1.91	1.37	0.39	0.59	0.121	0.90				5.18
MSMA 6.6	pt														
Cotoran 4L	qt														
Surfactant	pt														
Cultivate + Post	20 ft	143	0.110	1.00	Jun	1.91	1.37	0.39	0.59	0.121	0.90				5.18
MSMA 6.6	pt														
Bladex 4L	pt														
Surfactant	pt														
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.58	0.39	0.11	0.16	0.055	0.41				1.66
BWE Assessment (Red)	acre														
Boom sprayer	30 ft	93	0.060	1.00	Jul	0.70	0.47	0.16	0.18	0.066	0.49				2.01
Fusilade DX	pt														
Crop oil	pt														
Karate Z2	oz														
Airplane lo-vol (RR)	acre														
Airplane lo-vol (RR)	acre														
Karate Z2	oz														
Airplane lo-vol (RR)	acre														
Tracer 4EC	oz														
Orthene 90SP	lb														
Airplane hi-vol (RR)	acre														
Dropp	lbs														
Prep	pt														
Cotton Picker-MB-BB	4 Row														
Module Builder	32 Ft	68	0.220	1.00	Oct	1.92	0.90	16.68	21.90	0.242	2.90				41.49
Other labor	hour														12.12
Boll buggy	6 bale	118	1.000	0.22	Oct	3.35	2.41	1.32	2.29	0.242	1.81				11.19
Cotton Picker second	4 Row														
Trailer cotton	10 bale	1/2 ton													
Other labor	hour														
Module hauling	bale														
Stalk cutter	13.3 ft	93	0.130	1.00	Nov	1.52	1.01	0.30	0.90	0.143	1.07				4.82
Ginning cost	lbs														
Insect scout	acre														
Storage	bale														
TOTALS						39.28	27.91	31.87	45.54	3.420	26.99				270.28
INTEREST ON OPERATING CAPITAL															441.90
UNALLOCATED LABOR															14.29
TOTAL SPECIFIED COST															0.00
															456.19

Table 10.A Estimated costs and returns per acre, Bt Cotton,
sandy soil, 8-row equipment, solid planted, owner-
operators, alluvial soils, Red River area, Louisiana, 2001

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
INCOME				dollars	dollars
Cotton lint	lbs	0.60	700.0000	420.00	_____
Cottonseed prod	lb	0.05	1085.0000	54.25	_____
Cotton checkoff	bale	2.44	-1.4580	-3.55	_____
TOTAL INCOME				470.69	_____
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol (RR)	acre	3.05	2.0000	6.10	_____
Airplane hi-vol (RR)	acre	4.23	1.0000	4.23	_____
DEFOLIANT					
Dropp	lbs	56.34	0.2000	11.26	_____
Prep	pt	6.53	1.3330	8.70	_____
GROWTH REGULATORS					
Pix	oz	0.77	8.0000	6.16	_____
FERTILIZER					
Nitrogen	lbs	0.25	80.0000	20.00	_____
Phosphate	lbs	0.19	40.0000	7.60	_____
Potash	lbs	0.15	50.0000	7.50	_____
FUNGICIDES					
TSX 18.8G	lbs	1.44	10.0000	14.40	_____
HERBICIDES					
Treflan 4L	pt	3.19	1.5000	4.78	_____
Zorial 80DF	lbs	14.17	0.8000	11.33	_____
Cotoran 4L	qt	8.65	1.1000	9.51	_____
MSMA 6.6	pt	2.22	1.8000	3.99	_____
Surfactant	pt	2.01	1.2000	2.41	_____
Bladex 4L	pt	3.71	2.5000	9.27	_____
Fusilade DX	pt	15.02	0.3000	4.50	_____
Crop oil	pt	0.86	0.3000	0.25	_____
Hired LABOR					
Other labor	hour	7.50	0.3050	2.28	_____
INSECTICIDES					
Temik 15G	lbs	3.32	3.3300	11.05	_____
Bidrin 8EC	pt	11.13	0.2000	2.22	_____
Baythroid	pt	50.85	0.1320	6.71	_____
Orthene 90SP	lb	10.19	0.5000	5.09	_____
OTHER					
Bt Cotton Fee	acre	26.40	1.0000	26.40	_____
BWE Assessment (Red)	acre	10.00	1.0000	10.00	_____
Module hauling	bale	5.00	1.1700	5.85	_____
Ginning cost	lbs	0.08	700.0000	56.00	_____
Insect Scout (Bt)	acre	12.00	1.0000	12.00	_____
Storage	bale	25.00	1.4580	36.45	_____
SEED					
Bt Cotton Seed	lb	1.03	10.0000	10.30	_____
OPERATOR LABOR					
Tractors	hour	7.50	2.7480	20.61	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2887	3.46	_____
DIESEL FUEL					
Tractors	gal	1.17	17.7540	20.77	_____
Self-Propelled Eq.	gal	1.17	2.5200	2.94	_____
GASOLINE					
Tractors	gal	1.43	0.6000	0.85	_____
REPAIR & MAINTENANCE					
Implements	acre	11.37	1.0000	11.37	_____
Tractors	acre	17.43	1.0000	17.43	_____
Self-Propelled Eq.	acre	16.95	1.0000	16.95	_____
INTEREST ON OP. CAP.	acre	16.04	1.0000	16.04	_____
TOTAL DIRECT EXPENSES				426.88	_____
RETURNS ABOVE DIRECT EXPENSES				43.80	_____
FIXED EXPENSES					
Implements	acre	18.69	1.0000	18.69	_____
Tractors	acre	28.06	1.0000	28.06	_____
Self-Propelled Eq.	acre	26.13	1.0000	26.13	_____
TOTAL FIXED EXPENSES				72.89	_____
TOTAL SPECIFIED EXPENSES				499.78	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-29.08	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	_____
RESIDUAL RETURNS				-102.73	_____
Land (Oppor. Cst.)RR	acre	75.00	1.0000	75.00	_____
RESIDUAL RETURNS				-177.73	_____

Table 10.B Estimated resource use and costs for field operations, per acre
 Bt Cotton, sandy soil, 8-row equipment, solid planted,
 owner-operators, alluvial soils, Red River area, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC HOURS	LABOR COST	OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED			AMOUNT	PRICE	COST	
						-----dollars-----						-----dollars-----			
Subsoiler	3 shank	168	0.400	1.00	Jan	7.95	5.64	0.66	1.01	0.440	3.30				18.58
Disk	26.6 ft	168	0.070	1.00	Jan	1.39	0.98	0.64	0.96	0.077	0.57				4.56
Disk	26.6 ft	168	0.070	1.00	Mar	1.39	0.98	0.64	0.96	0.077	0.57				4.56
Disk + pre	26.6 ft	168	0.070	1.00	Apr	1.39	0.98	0.69	1.03	0.077	0.57				4.68
Treflan 4L	pt											1.5000	3.19	4.78	4.78
Zorial 80DF	lbs											0.8000	14.17	11.33	11.33
Fertilizer app (R)	20 ft	93	0.090	1.00	Apr	0.48	0.70			0.00	0.099	0.74			1.93
Nitrogen	lbs											80,000	0.25	20.00	20.00
Phosphate	lbs											40,000	0.19	7.60	7.60
Potash	lbs											50,000	0.15	7.50	7.50
Hipper	26.6 ft	168	0.070	1.00	Apr	1.39	0.98	0.28	0.42	0.077	0.57				3.66
Conditioner	26.6 Ft	168	0.070	1.00	Apr	1.39	0.98	0.43	0.57	0.077	0.57				3.96
Plant + pre	26.6 Ft	168	0.080	1.00	Apr	1.59	1.12	0.92	1.47	0.088	0.66				5.77
Cotolan 4L	qt											0.6000	8.65	5.19	5.19
Bt Cotton Seed	lb											10,000	1.03	10.30	10.30
Other labor	hour											0.1200	7.50	0.90	0.90
Temik 15G	lbs											3,3300	3.32	11.05	11.05
TSX 18.8G	lbs											10,0000	1.44	14.40	14.40
Trailer utility	10 Ft	93	1.000	0.23	Apr	2.69	1.80	0.05	0.23	0.253	1.89				6.68
Ditcher rotary	1.5 ft	93	0.050	1.00	Apr	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Bt Cotton Fee	acre											1.0000	26.40	26.40	26.40
Cultivator	26.6 ft	168	0.080	1.00	May	1.59	1.12	0.31	0.47	0.088	0.66				4.16
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivate + Post	26.6 ft	168	0.080	1.00	May	1.59	1.12	0.42	0.62	0.088	0.66				4.43
MSMA 6.6	pt											0.9000	2.22	1.99	1.99
Cotolan 4L	qt											0.5000	8.65	4.32	4.32
Surfactant	pt											0.4000	2.01	0.80	0.80
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.42	0.62	0.088	0.66				4.43
Bladex 4L	pt											1.0000	3.71	3.71	3.71
Surfactant	pt											0.4000	2.01	0.80	0.80
MSMA 6.6	pt											0.9000	2.22	1.99	1.99
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.42	0.62	0.088	0.66				4.43
Bladex 4L	pt											1.5000	3.71	5.56	5.56
Surfactant	pt											0.4000	2.01	0.80	0.80
Bidrin 8EC	pt											0.2000	11.13	2.22	2.22
BWE Assessment (Red)	acre											1.0000	10.00	10.00	10.00
Boom sprayer	30 ft	93	0.060	1.00	Jul	0.70	0.47	0.16	0.18	0.066	0.49				2.01
Fusillade DX	pt											0.3000	15.02	4.50	4.50
Crop oil	pt											0.3000	0.86	0.25	0.25
Pix	oz											4,0000	0.77	3.08	3.08
Airplane lo-vol (RR)	acre											1,0000	3.05	3.05	3.05
Pix	oz											4,0000	0.77	3.08	3.08
Baythroid	pt											0.1320	50.85	6.71	6.71
Airplane lo-vol (RR)	acre											1,0000	3.05	3.05	3.05
Orthene 90SP	lb											0.5000	10.19	5.09	5.09
Airplane hi-vol (RR)	acre											1,0000	4.23	4.23	4.23
Dropp	lbs											0.2000	56.34	11.26	11.26
Prep	pt											1,3330	6.53	8.70	8.70
Cotton Picker-MB-BB	4 Row		0.220	1.00	Oct			16.68	21.90	0.242	2.90				41.49
Module Builder	32 Ft	143	1.000	0.25	Oct	4.34	3.13	2.93	5.10	0.275	2.06				17.58
Other labor	hour											0.1250	7.50	0.93	0.93
Boll binder	6 bale	118	1.000	0.22	Oct	3.35	2.41	1.32	2.29	0.242	1.81				11.19
Cotton Picker second	4 Row		0.170	0.25	Nov			3.22	4.23	0.046	0.56				8.01
Trailer cotton	10 bale	1\2 ton	1.000	0.24	Nov	1.31	1.13	0.38	0.66	0.240	1.80				5.30
Other labor	hour											0.0600	7.50	0.45	0.45
Module hauling	bale											1.1700	5.00	5.85	5.85
Stalk cutter	13.3 ft	93	0.130	1.00	Nov	1.52	1.01	0.30	0.90	0.143	1.07				4.82
Ginning cost	lbs											700,0000	0.08	56.00	56.00
Insect Scout (Bt)	acre											1,0000	12.00	12.00	12.00
Storage	bale											1,4580	25.00	36.45	36.45
TOTALS						39.06	28.06	31.28	44.82	3.036	24.07				316.42
INTEREST ON OPERATING CAPITAL															483.74
UNALLOCATED LABOR															16.04
TOTAL SPECIFIED COST															0.00
															499.78

Table 11.A Estimated costs and returns per acre
 Stacked gene cotton, sandy soil, 8-row equipment, solid
 planted, owner operators, Red River area, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
INCOME				dollars	dollars
Cotton lint	lbs	0.60	700.0000	420.00	
Cottonseed prod	lb	0.05	1085.0000	54.25	
Cotton checkoff	bale	2.44	-1.4580	-3.55	
TOTAL INCOME				----- 470.69	
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol (RR)	acre	3.05	2.0000	6.10	
Airplane hi-vol (RR)	acre	4.23	1.0000	4.23	
DEFOLIANT					
Dropp	lbs	56.34	0.2000	11.26	
Prep	pt	6.53	1.3330	8.70	
GROWTH REGULATORS					
Pix	oz	0.77	8.0000	6.16	
FERTILIZER					
Nitrogen	lbs	0.25	80.0000	20.00	
Phosphate	lbs	0.19	40.0000	7.60	
Potash	lbs	0.15	50.0000	7.50	
FUNGICIDES					
TSX 18.8G	lbs	1.44	10.0000	14.40	
HERBICIDES					
Cotoran 4L	qt	8.65	0.6000	5.19	
Roundup Ultra	pt	4.68	5.5000	25.74	
Bladex 4L	pt	3.71	0.7500	2.78	
Fusilade DX	pt	15.02	0.3000	4.50	
Crop oil	pt	0.86	0.3000	0.25	
HIRED LABOR					
Other labor	hour	7.50	0.3050	2.28	
INSECTICIDES					
Temik 15G	lbs	3.32	3.3300	11.05	
Baythroid	pt	50.85	0.1320	6.71	
Orthene 90SP	lb	10.19	0.5000	5.09	
OTHER					
BT/RR Tech Fee	acre	33.80	1.0000	33.80	
BWE Assessment (Red)	acre	10.00	1.0000	10.00	
Module hauling	bale	5.00	1.1700	5.85	
Ginning cost	lbs	0.08	700.0000	56.00	
Insect Scout (Bt)	acre	12.00	1.0000	12.00	
Storage	bale	25.00	1.4580	36.45	
SEED					
BT/RR Cotton Seed	lbs	1.15	10.0000	11.50	
OPERATOR LABOR					
Tractors	hour	7.50	2.5720	19.29	
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2887	3.46	
DIESEL FUEL					
Tractors	gal	1.17	15.9920	18.71	
Self-Propelled Eq.	gal	1.17	2.5200	2.94	
GASOLINE					
Tractors	gal	1.43	0.6000	0.85	
REPAIR & MAINTENANCE					
Implements	acre	9.49	1.0000	9.49	
Tractors	acre	16.13	1.0000	16.13	
Self-Propelled Eq.	acre	16.95	1.0000	16.95	
INTEREST ON OP. CAP.	acre	15.50	1.0000	15.50	
TOTAL DIRECT EXPENSES				----- 418.55	
RETURNS ABOVE DIRECT EXPENSES				52.14	
FIXED EXPENSES					
Implements	acre	16.08	1.0000	16.08	
Tractors	acre	25.80	1.0000	25.80	
Self-Propelled Eq.	acre	26.13	1.0000	26.13	
TOTAL FIXED EXPENSES				----- 68.02	
TOTAL SPECIFIED EXPENSES				486.57	
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-15.88	
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	
RESIDUAL RETURNS					
Land (Oppor. Cst.)RR	acre	75.00	1.0000	75.00	
RESIDUAL RETURNS				----- -164.53	

Table 11.B Estimated resource use and costs for field operations, per acre
 Stacked gene cotton, sandy soil, 8-row equipment, solid
 planted, owner operators, Red River area, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE			OVER MTH	TRACTOR COST		EQUIP COST		ALLOC HOURS	OPERATING INPUT			TOTAL COST
			DIRECT	FIXED	DIRECT		AMOUNT	PRICE	COST	AMOUNT		PRICE	COST		
-----dollars-----															
Subsoiler	3 shank	168	0.400	1.00	Jan	7.95	5.64	0.66	1.01	0.440	3.30				18.58
Disk	26.6 ft	168	0.070	1.00	Jan	1.39	0.98	0.64	0.96	0.077	0.57				4.56
Fertilizer app (R)	20 ft	93	0.090	1.00	Apr	0.48	0.70		0.00	0.099	0.74				1.93
Nitrogen	lbs											80.0000	0.25	20.00	20.00
Phosphate	lbs											40.0000	0.19	7.60	7.60
Potash	lbs											50.0000	0.15	7.50	7.50
Hipper	26.6 ft	168	0.070	1.00	Apr	1.39	0.98	0.28	0.42	0.077	0.57				3.66
Conditioner	26.6 Ft	168	0.070	1.00	Apr	1.39	0.98	0.43	0.57	0.077	0.57				3.96
Plant + pre	26.6 Ft	168	0.080	1.00	Apr	1.59	1.12	0.92	1.47	0.088	0.66				5.77
Cotoran 4L	gt											0.6000	8.65	5.19	5.19
BT/RR Cotton Seed	lbs											10.0000	1.15	11.50	11.50
Other labor	hour											0.1200	7.50	0.90	0.90
Temik 15G	lbs											3.3300	3.32	11.05	11.05
TSX 18.8G	lbs											10.0000	1.44	14.40	14.40
Trailer utility	10 Ft	93	1.000	0.23	Apr	2.69	1.80	0.05	0.23	0.253	1.89				6.68
Ditcher rotary	1.5 ft	93	0.050	1.00	Apr	0.58	0.39	0.11	0.16	0.055	0.41				1.66
BT/RR Tech Fee	acre					1.00	Apr					1.0000	33.80	33.80	33.80
Hooded spayer	8-row	143	0.100	1.00	May	1.73	1.25	0.31	0.51	0.110	0.82				4.64
Roundup Ultra	pt											2.0000	4.68	9.36	9.36
Hooded spayer	8-row	143	0.100	1.00	May	1.73	1.25	0.31	0.51	0.110	0.82				4.64
Roundup Ultra	pt											2.0000	4.68	9.36	9.36
Hooded spayer	8-row	143	0.100	1.00	Jun	1.73	1.25	0.31	0.51	0.110	0.82				4.64
Roundup Ultra	pt											1.5000	4.68	7.02	7.02
Hooded spayer	8-row	143	0.100	1.00	Jun	1.73	1.25	0.31	0.51	0.110	0.82				4.64
Bladex 4L	pt											0.7500	3.71	2.78	2.78
BWE Assessment (Red)	acre											1.0000	10.00	10.00	10.00
Boom sprayer	30 ft	93	0.060	1.00	Jul	0.70	0.47	0.16	0.18	0.066	0.49				2.01
Fusilade DX	pt											0.3000	15.02	4.50	4.50
Crop oil	pt											0.3000	0.86	0.25	0.25
Pix	oz											4.0000	0.77	3.08	3.08
Airplane lo-vol (RR)	acre					1.00	Aug					1.0000	3.05	3.05	3.05
Pix	oz											4.0000	0.77	3.08	3.08
Baythroid	pt											0.1320	50.85	6.71	6.71
Airplane lo-vol (RR)	acre					1.00	Aug					1.0000	3.05	3.05	3.05
Orthene 90SP	lb											0.5000	10.19	5.09	5.09
Airplane hi-vol (RR)	acre					1.00	Oct					1.0000	4.23	4.23	4.23
Drop	lbs											0.2000	56.34	11.26	11.26
Prep	pt											1.3330	6.53	8.70	8.70
Cotton Picker-MB-BB	4 Row		0.220	1.00	Oct			16.68	21.90	0.242	2.90				41.49
Module Builder	32 Ft	143	1.000	0.25	Oct	4.34	3.13	2.93	5.10	0.275	2.06				17.58
Other labor	hour											0.1250	7.50	0.93	0.93
Boll buggy	6 bale	118	1.000	0.22	Oct	3.35	2.41	1.32	2.29	0.242	1.81				11.19
Cotton Picker second	4 Row		0.170	0.25	Nov			3.22	4.23	0.046	0.56				8.01
Trailer cotton	10 bale	1\2 ton	1.000	0.24	Nov	1.31	1.13	0.38	0.66	0.240	1.80				5.30
Other labor	hour											0.0600	7.50	0.45	0.45
Module hauling	bale		1.00	Nov								1.1700	5.00	5.85	5.85
Stalk cutter	13.3 ft	93	0.130	1.00	Nov	1.52	1.01	0.30	0.90	0.143	1.07				4.82
Ginning cost	lbs					1.00	Nov					700.0000	0.08	56.00	56.00
Insect Scout (Bt)	acre					1.00	Nov					1.0000	12.00	12.00	12.00
Storage	bale					1.00	Nov					1.4580	25.00	36.45	36.45
TOTALS						35.70	25.80	29.39	42.21	2.860	22.75				471.16
INTEREST ON OPERATING CAPITAL															15.50
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															486.57

Table 12.A Estimated costs and returns per acre Soybeans, sandy soil,
6-row equipment, (38 inch rows), owner-operators,
Red River and Central Areas, Louisiana, 2001

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybean	bu	5.25	30.0000	157.50	_____
TOTAL INCOME				157.50	_____
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol (RR)	acre	3.05	1.0000	3.05	_____
HERBICIDES					
Treflan 4L	pt	3.19	1.5000	4.78	_____
Scepter 70 DG	oz	4.86	2.8000	13.60	_____
2,4-DB	pt	3.03	0.5000	1.51	_____
Fusilade DX	pt	15.02	0.2500	3.75	_____
Crop oil	pt	0.86	0.2500	0.21	_____
Hired Labor					
Other labor	hour	7.50	0.4700	3.52	_____
INSECTICIDES					
Methyl parathion 4E	pt	3.56	1.0000	3.56	_____
SEED					
Soybean seed	lbs	0.34	50.0000	17.00	_____
OPERATOR LABOR					
Implements	hour	7.50	0.1100	0.82	_____
Tractors	hour	7.50	1.2980	9.73	_____
Self-Propelled Eq.	hour	7.50	0.3500	2.62	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2310	2.77	_____
DIESEL FUEL					
Tractors	gal	1.17	8.9910	10.51	_____
Self-Propelled Eq.	gal	1.17	1.4910	1.74	_____
GASOLINE					
Self-Propelled Eq.	gal	1.43	1.7500	2.50	_____
REPAIR & MAINTENANCE					
Implements	acre	5.73	1.0000	5.73	_____
Tractors	acre	8.81	1.0000	8.81	_____
Self-Propelled Eq.	acre	7.91	1.0000	7.91	_____
INTEREST ON OP. CAP.	acre	4.47	1.0000	4.47	_____
TOTAL DIRECT EXPENSES				108.68	_____
RETURNS ABOVE DIRECT EXPENSES				48.81	_____
FIXED EXPENSES					
Implements	acre	8.44	1.0000	8.44	_____
Tractors	acre	13.80	1.0000	13.80	_____
Self-Propelled Eq.	acre	17.99	1.0000	17.99	_____
TOTAL FIXED EXPENSES				40.24	_____
TOTAL SPECIFIED EXPENSES				148.92	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				8.57	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	_____
RESIDUAL RETURNS				-65.07	_____
Land (Oppor. Cst.)RR	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				-95.07	_____

Table 12.B Estimated resource use and costs for field operations, per acre
 Soybeans, sandy soil, 6-row equipment, (38 inch rows),
 owner-operators, Red River and Central Areas, Louisiana, 2001.

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-----
V- Ripper	7 shank	143	0.170	1.00	Jan	2.95	2.13	0.52	0.72	0.187	1.40				7.73
Disk	20 ft	143	0.100	1.00	Jan	1.73	1.25	0.77	1.14	0.110	0.82				5.73
Disk	20 ft	143	0.100	1.00	Apr	1.73	1.25	0.77	1.14	0.110	0.82				5.73
Disk + pre Treflan 4L	20 ft	143	0.100	1.00	Apr	1.73	1.25	0.82	1.22	0.110	0.82				5.86
Hipper	20 ft	143	0.090	1.00	Apr	1.56	1.12	0.28	0.42	0.099	0.74	1.5000	3.19	4.78	4.78
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41				4.14
Conditioner	20 ft	143	0.090	1.00	May	1.56	1.12	0.42	0.56	0.099	0.74				1.66
Plant + pre	20 Ft	143	0.110	1.00	May	1.91	1.37	0.95	1.52	0.231	1.73				4.42
Scepter 70 DG	oz											2.8000	4.86	13.60	13.60
Soybean seed	lbs											50.0000	0.34	17.00	17.00
Other labor	hour											0.1200	7.50	0.90	0.90
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivator	20 ft	143	0.100	1.00	Jun	1.73	1.25	0.28	0.42	0.110	0.82				4.53
Cultivate + Post	20 ft	143	0.110	1.00	Jun	1.91	1.37	0.39	0.59	0.121	0.90				5.18
2,4-DB	pt											0.5000	3.03	1.51	1.51
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Boom sprayer	30 ft	93	0.060	1.00	Jun	0.70	0.47	0.16	0.18	0.066	0.49				2.01
Fusilade DX	pt											0.2500	15.02	3.75	3.75
Crop oil	pt											0.2500	0.86	0.21	0.21
Airplane lo-vol (RR)	acre					1.00	Aug					1.0000	3.05	3.05	3.05
Methyl parathion 4E	pt											1.0000	3.56	3.56	3.56
Combine medium	20 Ft		0.210	1.00	Oct			8.04	13.75	0.231	2.77				24.57
Truck	5 ton		1.000	0.35	Oct			4.12	4.24	0.350	2.62				10.98
Other labor	hour											0.3500	7.50	2.62	2.62
TOTALS						19.33	13.80	17.89	26.44	1.989	15.95				51.01
INTEREST ON OPERATING CAPITAL															144.44
UNALLOCATED LABOR															4.47
TOTAL SPECIFIED COST															0.00
															148.92

Table 13.A Estimated costs and returns per acre, Soybeans, sandy soil,
8-row equipment, (38 inch rows), owner-operators,
Red River and Central Areas, Louisiana, 2001

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
dollars				dollars	
INCOME					
Soybean	bu	5.25	30.0000	157.50	_____

TOTAL INCOME				157.50	_____
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol (RR) acre	acre	3.05	1.0000	3.05	_____
HERBICIDES					
Treflan 4L	pt	3.19	1.5000	4.78	_____
Scepter 70 DG	oz	4.86	2.8000	13.60	_____
2,4-DB	pt	3.03	0.5000	1.51	_____
Fusilade DX	pt	15.02	0.2500	3.75	_____
Crop oil	pt	0.86	0.2500	0.21	_____
Hired Labor					
Other labor	hour	7.50	0.4700	3.52	_____
INSECTICIDES					
Methyl parathion 4E	pt	3.56	1.0000	3.56	_____
SEED					
Soybean seed	lbs	0.34	50.0000	17.00	_____
OPERATOR LABOR					
Tractors	hour	7.50	1.0230	7.67	_____
Self-Propelled Eq.	hour	7.50	0.3500	2.62	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2310	2.77	_____
DIESEL FUEL					
Tractors	gal	1.17	8.1180	9.49	_____
Self-Propelled Eq.	gal	1.17	1.4910	1.74	_____
GASOLINE					
Self-Propelled Eq.	gal	1.43	1.7500	2.50	_____
REPAIR & MAINTENANCE					
Implements	acre	5.39	1.0000	5.39	_____
Tractors	acre	7.29	1.0000	7.29	_____
Self-Propelled Eq.	acre	7.91	1.0000	7.91	_____
INTEREST ON OP. CAP.	acre	4.13	1.0000	4.13	_____

TOTAL DIRECT EXPENSES				102.56	_____
RETURNS ABOVE DIRECT EXPENSES				54.93	_____
FIXED EXPENSES					
Implements	acre	7.93	1.0000	7.93	_____
Tractors	acre	11.79	1.0000	11.79	_____
Self-Propelled Eq.	acre	17.99	1.0000	17.99	_____

TOTAL FIXED EXPENSES				37.73	_____

TOTAL SPECIFIED EXPENSES				140.30	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				17.19	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	_____
RESIDUAL RETURNS				-56.45	_____
Land (Oppor. Cst.)RR	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				-86.45	_____

Table 13.B Estimated resource use and costs for field operations, per acre
 Soybeans, sandy soil, 8-row equipment, (38 inch rows),
 owner-operators, Red River and Central Areas, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF TIMES			TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
-----dollars-----												-----dollars-----			
V-Ripper	9 shank	168	0.130	1.00	Jan	2.58	1.83	0.53	0.73	0.143	1.07				6.76
Disk	26.6 ft	168	0.070	1.00	Jan	1.39	0.98	0.64	0.96	0.077	0.57				4.56
Disk	26.6 ft	168	0.070	1.00	Apr	1.39	0.98	0.64	0.96	0.077	0.57				4.56
Disk + pre Treflan 4L	26.6 ft pt	168	0.070	1.00	Apr	1.39	0.98	0.69	1.03	0.077	0.57				4.68
Hipper	26.6 ft	168	0.070	1.00	Apr	1.39	0.98	0.28	0.42	0.077	0.57	1.5000	3.19	4.78	4.78
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Conditioner	26.6 Ft	168	0.070	1.00	May	1.39	0.98	0.43	0.57	0.077	0.57				3.96
Plant + pre	26.6 Ft	168	0.080	1.00	May	1.59	1.12	0.92	1.47	0.088	0.66				5.77
Scepter 70 DG	oz											2.8000	4.86	13.60	13.60
Soybean seed	lbs											50.0000	0.34	17.00	17.00
Other labor	hour											0.1200	7.50	0.90	0.90
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivator	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.31	0.47	0.088	0.66				4.16
Cultivate + Post 2,4-DB	26.6 ft pt	168	0.080	1.00	Jun	1.59	1.12	0.42	0.62	0.088	0.66				4.43
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.58	0.39	0.11	0.16	0.055	0.41	0.5000	3.03	1.51	1.51
Boom sprayer	30 ft	93	0.060	1.00	Jun	0.70	0.47	0.16	0.18	0.066	0.49				1.66
Fusilade DX	pt											0.2500	15.02	3.75	3.75
Crop oil	pt											0.2500	0.86	0.21	0.21
Airplane lo-vol (RR) acre						1.00	Aug					1.0000	3.05	3.05	3.05
Methyl parathion 4E	pt											1.0000	3.56	3.56	3.56
Combine medium	20 Ft		0.210	1.00	Oct			8.04	13.75	0.231	2.77				24.57
Truck	5 ton		1.000	0.35	Oct			4.12	4.24	0.350	2.62				10.98
Other labor	hour											0.3500	7.50	2.62	2.62
TOTALS						16.78	11.79	17.56	25.93	1.604	13.06				51.01
INTEREST ON OPERATING CAPITAL															4.13
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															140.30

Table 14.A Estimated costs and returns per acre, Soybeans, clay soil,
6-row equipment, (38 inch rows), owner-operators,
Red River and Central Areas, Louisiana, 2001

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
dollars				dollars	
INCOME					
Soybean	bu	5.25	30.0000	157.50	_____
TOTAL INCOME				157.50	_____
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol (RR)	acre	3.05	1.0000	3.05	_____
HERBICIDES					
Treflan 4L	pt	3.19	2.0000	6.38	_____
Scepter 70 DG	oz	4.86	2.8000	13.60	_____
2,4-DB	pt	3.03	0.5000	1.51	_____
Fusilade DX	pt	15.02	0.2500	3.75	_____
Crop oil	pt	0.86	0.2500	0.21	_____
HIRED LABOR					
Other labor	hour	7.50	0.4700	3.52	_____
INSECTICIDES					
Methyl parathion 4E	pt	3.56	1.0000	3.56	_____
SEED					
Soybean seed	lbs	0.34	50.0000	17.00	_____
OPERATOR LABOR					
Implements	hour	7.50	0.1100	0.82	_____
Tractors	hour	7.50	0.9570	7.17	_____
Self-Propelled Eq.	hour	7.50	0.3500	2.62	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2310	2.77	_____
DIESEL FUEL					
Tractors	gal	1.17	6.6150	7.73	_____
Self-Propelled Eq.	gal	1.17	1.4910	1.74	_____
GASOLINE					
Self-Propelled Eq.	gal	1.43	1.7500	2.50	_____
REPAIR & MAINTENANCE					
Implements	acre	4.81	1.0000	4.81	_____
Tractors	acre	6.48	1.0000	6.48	_____
Self-Propelled Eq.	acre	7.91	1.0000	7.91	_____
INTEREST ON OP. CAP.	acre	3.87	1.0000	3.87	_____

TOTAL DIRECT EXPENSES				101.08	_____
RETURNS ABOVE DIRECT EXPENSES				56.41	_____
FIXED EXPENSES					
Implements	acre	7.13	1.0000	7.13	_____
Tractors	acre	10.15	1.0000	10.15	_____
Self-Propelled Eq.	acre	17.99	1.0000	17.99	_____

TOTAL FIXED EXPENSES				35.28	_____

TOTAL SPECIFIED EXPENSES				136.36	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				21.13	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	_____
RESIDUAL RETURNS					
Land (Oppor. Cst.)RR	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				-82.51	_____

Table 14.B Estimated resource use and costs for field operations, per acre
 Soybeans, clay soil, 6-row equipment, (38 inch rows),
 owner-operators, Red River and Central Areas, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF TIMES			TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
-----dollars-----												-----dollars-----			
Disk	20 ft	143	0.100	2.00	Apr	3.47	2.50	1.54	2.29	0.220	1.65				11.46
Disk + pre	20 ft	143	0.100	1.00	Apr	1.73	1.25	0.82	1.22	0.110	0.82				5.86
Treflan 4L	pt											2.0000	3.19	6.38	6.38
Conditioner	20 ft	143	0.090	1.00	May	1.56	1.12	0.42	0.56	0.099	0.74				4.42
Plant + pre	20 Ft	143	0.110	1.00	May	1.91	1.37	0.95	1.52	0.231	1.73				7.49
Scepter 70 DG	oz											2.8000	4.86	13.60	13.60
Soybean seed	lbs											50.0000	0.34	17.00	17.00
Other labor	hour											0.1200	7.50	0.90	0.90
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivator	20 ft	143	0.100	1.00	Jun	1.73	1.25	0.28	0.42	0.110	0.82				4.53
Cultivate + Post	20 ft	143	0.110	1.00	Jun	1.91	1.37	0.39	0.59	0.121	0.90				5.18
2,4-DB	pt											0.5000	3.03	1.51	1.51
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Boom sprayer	30 ft	93	0.060	1.00	Jun	0.70	0.47	0.16	0.18	0.066	0.49				2.01
Fusilade DX	pt											0.2500	15.02	3.75	3.75
Crop oil	pt											0.2500	0.86	0.21	0.21
Airplane lo-vol (RR)	acre			1.00	Aug							1.0000	3.05	3.05	3.05
Methyl parathion 4E	pt											1.0000	3.56	3.56	3.56
Combine medium	20 Ft		0.210	1.00	Oct			8.04	13.75	0.231	2.77				24.57
Truck	5 ton		1.000	0.35	Oct			4.12	4.24	0.350	2.62				10.98
Other labor	hour											0.3500	7.50	2.62	2.62
TOTALS						14.22	10.15	16.98	25.12	1.648	13.39				52.60
INTEREST ON OPERATING CAPITAL															3.87
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															136.36

Table 15.A Estimated costs and returns per acre, Soybeans, clay soil,
8-row equipment, (38 inch rows), owner-operators,
Red River and Central Areas, Louisiana, 2001

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
INCOME				dollars	dollars
Soybean	bu	5.25	30.0000	157.50	-----
TOTAL INCOME				157.50	-----
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol (RR)	acre	3.05	1.0000	3.05	-----
HERBICIDES					
Treflan 4L	pt	3.19	2.0000	6.38	-----
Scepter 70 DG	oz	4.86	2.8000	13.60	-----
2,4-DB	pt	3.03	0.5000	1.51	-----
Fusilade DX	pt	15.02	0.2500	3.75	-----
Crop oil	pt	0.86	0.2500	0.21	-----
Hired Labor					
Other labor	hour	7.50	0.4700	3.52	-----
INSECTICIDES					
Methyl parathion 4E	pt	3.56	1.0000	3.56	-----
SEED					
Soybean seed	lbs	0.34	50.0000	17.00	-----
OPERATOR LABOR					
Tractors	hour	7.50	0.7480	5.61	-----
Self-Propelled Eq.	hour	7.50	0.3500	2.62	-----
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2310	2.77	-----
DIESEL FUEL					
Tractors	gal	1.17	5.9080	6.91	-----
Self-Propelled Eq.	gal	1.17	1.4910	1.74	-----
GASOLINE					
Self-Propelled Eq.	gal	1.43	1.7500	2.50	-----
REPAIR & MAINTENANCE					
Implements	acre	4.47	1.0000	4.47	-----
Tractors	acre	5.31	1.0000	5.31	-----
Self-Propelled Eq.	acre	7.91	1.0000	7.91	-----
INTEREST ON OP. CAP.	acre	3.62	1.0000	3.62	-----
TOTAL DIRECT EXPENSES				96.10	-----
RETURNS ABOVE DIRECT EXPENSES				61.39	-----
FIXED EXPENSES					
Implements	acre	6.61	1.0000	6.61	-----
Tractors	acre	8.58	1.0000	8.58	-----
Self-Propelled Eq.	acre	17.99	1.0000	17.99	-----
TOTAL FIXED EXPENSES				33.19	-----
TOTAL SPECIFIED EXPENSES				129.29	-----
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				28.20	-----
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	-----
RESIDUAL RETURNS				-45.44	-----
Land (Oppor. Cst.)RR	acre	30.00	1.0000	30.00	-----
RESIDUAL RETURNS				-75.44	-----

Table 15.B Estimated resource use and costs for field operations, per acre
 Soybeans, clay soil, 8-row equipment, (38 inch rows),
 owner-operators, Red River and Central Areas, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
					MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	
-----dollars-----										dollars	-----dollars-----			
Disk	26.6 ft	168	0.070	2.00	Apr	2.78	1.97	1.29	1.92	0.154	1.15			9.13
Disk + pre	26.6 ft	168	0.070	1.00	Apr	1.39	0.98	0.69	1.03	0.077	0.57			4.68
Treflan 4L	pt											2.0000	3.19	6.38
Conditioner	26.6 Ft	168	0.070	1.00	May	1.39	0.98	0.43	0.57	0.077	0.57			3.96
Plant + pre	26.6 Ft	168	0.080	1.00	May	1.59	1.12	0.92	1.47	0.088	0.66			5.77
Scepter 70 DG	oz											2.8000	4.86	13.60
Soybean seed	lbs											50.0000	0.34	17.00
Other labor	hour											0.1200	7.50	0.90
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41			1.66
Cultivator	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.31	0.47	0.088	0.66			4.16
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.42	0.62	0.088	0.66			4.43
2,4-DB	pt											0.5000	3.03	1.51
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.58	0.39	0.11	0.16	0.055	0.41			1.66
Boom sprayer	30 ft	93	0.060	1.00	Jun	0.70	0.47	0.16	0.18	0.066	0.49			2.01
Fusilade DX	pt											0.2500	15.02	3.75
Crop oil	pt											0.2500	0.86	0.21
Airplane lo-vol (RR) acre					1.00	Aug						1.0000	3.05	3.05
Methyl parathion 4E	pt											1.0000	3.56	3.56
Combine medium	20 Ft		0.210	1.00	Oct							8.04	13.75	0.231
Truck	5 ton		1.000	0.35	Oct							4.12	4.24	0.350
Other labor	hour												2.62	2.62
TOTALS						12.22	8.58	16.63	24.61	1.329	11.00			52.60
INTEREST ON OPERATING CAPITAL														3.62
UNALLOCATED LABOR														0.00
TOTAL SPECIFIED COST														129.29

Table 16.A Estimated costs and returns per acre, Soybeans, clay soil,
6-row equipment, (38 inch rows), Tenant-operators,
Red River and Central Areas, Louisiana, 2001

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
dollars				dollars	
INCOME					
Soybean	bu	5.25	30.0000	157.50	_____
Land share rent	bu	5.25	-7.5000	-39.37	_____

TOTAL INCOME				118.12	_____
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol (RR)	acre	3.05	1.0000	3.05	_____
HERBICIDES					
Treflan 4L	pt	3.19	2.0000	6.38	_____
Scepter 70 DG	oz	4.86	2.8000	13.60	_____
2,4-DB	pt	3.03	0.5000	1.51	_____
Fusilade DX	pt	15.02	0.2500	3.75	_____
Crop oil	pt	0.86	0.2500	0.21	_____
Hired Labor					
Other labor	hour	7.50	0.4700	3.52	_____
INSECTICIDES					
Methyl parathion 4E	pt	3.56	1.0000	3.56	_____
SEED					
Soybean seed	lbs	0.34	50.0000	17.00	_____
OPERATOR LABOR					
implements	hour	7.50	0.1100	0.82	_____
Tractors	hour	7.50	0.9570	7.17	_____
Self-Propelled Eq.	hour	7.50	0.3500	2.62	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2310	2.77	_____
DIESEL FUEL					
Tractors	gal	1.17	6.6150	7.73	_____
Self-Propelled Eq.	gal	1.17	1.4910	1.74	_____
GASOLINE					
Self-Propelled Eq.	gal	1.43	1.7500	2.50	_____
REPAIR & MAINTENANCE					
implements	acre	4.81	1.0000	4.81	_____
Tractors	acre	6.48	1.0000	6.48	_____
Self-Propelled Eq.	acre	7.91	1.0000	7.91	_____
INTEREST ON OP. CAP.	acre	3.87	1.0000	3.87	_____

TOTAL DIRECT EXPENSES				101.08	_____
RETURNS ABOVE DIRECT EXPENSES				17.03	_____
FIXED EXPENSES					
implements	acre	7.13	1.0000	7.13	_____
Tractors	acre	10.15	1.0000	10.15	_____
Self-Propelled Eq.	acre	17.99	1.0000	17.99	_____

TOTAL FIXED EXPENSES				35.28	_____

TOTAL SPECIFIED EXPENSES				136.36	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-18.24	_____
ALLOCATED COST ITEMS					
Overhead (tenant)	acre	62.63	1.0000	62.63	_____
RESIDUAL RETURNS				-80.87	_____

Table 16.B Estimated resource use and costs for field operations, per acre
 Soybeans, clay soil, 6-row equipment, (38 inch rows),
 Tenant-operators, Red River and Central Areas, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF TIMES			TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
-----dollars-----																
Disk	20 ft	143	0.100	2.00	Apr	3.47	2.50	1.54	2.29	0.220	1.65				11.46	
Disk + pre	20 ft	143	0.100	1.00	Apr	1.73	1.25	0.82	1.22	0.110	0.82				5.86	
Treflan 4L	pt														6.38	
Conditioner	20 ft	143	0.090	1.00	May	1.56	1.12	0.42	0.56	0.099	0.74				4.42	
Plant + pre	20 Ft	143	0.110	1.00	May	1.91	1.37	0.95	1.52	0.231	1.73				7.49	
Scepter 70 DG	oz											2.8000	4.86	13.60	13.60	
Soybean seed	lbs											50.0000	0.34	17.00	17.00	
Other labor	hour											0.1200	7.50	0.90	0.90	
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41				1.66	
Cultivator	20 ft	143	0.100	1.00	Jun	1.73	1.25	0.28	0.42	0.110	0.82				4.53	
Cultivate + Post	20 ft	143	0.110	1.00	Jun	1.91	1.37	0.39	0.59	0.121	0.90				5.18	
2,4-DB	pt												0.5000	3.03	1.51	1.51
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.58	0.39	0.11	0.16	0.055	0.41				1.66	
Boom sprayer	30 ft	93	0.060	1.00	Jun	0.70	0.47	0.16	0.18	0.066	0.49				2.01	
Fusilade DX	pt											0.2500	15.02	3.75	3.75	
Crop oil	pt											0.2500	0.86	0.21	0.21	
Airplane lo-vol (RR) acre				1.00	Aug							1.0000	3.05	3.05	3.05	
Methyl parathion 4E	pt											1.0000	3.56	3.56	3.56	
Combine medium	20 Ft		0.210	1.00	Oct			8.04	13.75	0.231	2.77				24.57	
Truck	5 ton		1.000	0.35	Oct			4.12	4.24	0.350	2.62				10.98	
Other labor	hour											0.3500	7.50	2.62	2.62	
TOTALS						14.22	10.15	16.98	25.12	1.648	13.39				52.60	
INTEREST ON OPERATING CAPITAL															3.87	
UNALLOCATED LABOR															0.00	
TOTAL SPECIFIED COST															136.36	

Table 17.A Estimated costs and returns per acre, Soybeans, clay soil,
8-row equipment, drill planted, owner-operators,
Red River and Central Areas, Louisiana, 20001

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
dollars				dollars	
INCOME					
Soybean	bu	5.25	30.0000	157.50	-----
TOTAL INCOME				157.50	-----
DIRECT EXPENSES					
CUSTOM					
Airplane hi-vol (RR)	acre	4.23	1.0000	4.23	-----
Airplane lo-vol (RR)	acre	3.05	1.0000	3.05	-----
HERBICIDES					
Treflan 4L	pt	3.19	2.0000	6.38	-----
Scepter 70 DG	oz	4.86	2.8000	13.60	-----
Blazer 2L	pt	7.77	1.0000	7.77	-----
Surfactant	pt	2.01	0.4000	0.80	-----
Hired Labor					
Other labor	hour	7.50	1.3500	10.12	-----
INSECTICIDES					
Methyl parathion 4E	pt	3.56	1.0000	3.56	-----
SEED					
Soybean seed	lbs	0.34	60.0000	20.40	-----
OPERATOR LABOR					
Tractors	hour	7.50	0.4730	3.54	-----
Self-Propelled Eq.	hour	7.50	0.3500	2.62	-----
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2310	2.77	-----
DIESEL FUEL					
Tractors	gal	1.17	3.7960	4.44	-----
Self-Propelled Eq.	gal	1.17	1.4910	1.74	-----
GASOLINE					
Self-Propelled Eq.	gal	1.43	1.7500	2.50	-----
REPAIR & MAINTENANCE					
Implements	acre	3.32	1.0000	3.32	-----
Tractors	acre	3.45	1.0000	3.45	-----
Self-Propelled Eq.	acre	7.91	1.0000	7.91	-----
INTEREST ON OP. CAP.	acre	4.11	1.0000	4.11	-----
TOTAL DIRECT EXPENSES				106.38	-----
RETURNS ABOVE DIRECT EXPENSES				51.11	-----
FIXED EXPENSES					
Implements	acre	4.95	1.0000	4.95	-----
Tractors	acre	5.59	1.0000	5.59	-----
Self-Propelled Eq.	acre	17.99	1.0000	17.99	-----
TOTAL FIXED EXPENSES				28.54	-----
TOTAL SPECIFIED EXPENSES				134.93	-----
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				22.56	-----
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	-----
RESIDUAL RETURNS				-51.08	-----
Land (Oppor. Cst.)RR	acre	30.00	1.0000	30.00	-----
RESIDUAL RETURNS				-81.08	-----

Table 17.B Estimated resource use and costs for field operations, per acre
 Soybeans, clay soil, 6-row equipment, drill planted,
 owner-operators, Red River and Central Areas, Louisiana, 2001.

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-----
Disk	20 ft	143	0.100	2.00	Apr	3.47	2.50	1.54	2.29	0.220	1.65				11.46
Disk + pre Treflan 4L	20 ft pt	143	0.100	1.00	Apr	1.73	1.25	0.82	1.22	0.110	0.82				5.86
Conditioner	20 ft	143	0.090	1.00	May	1.56	1.12	0.42	0.56	0.099	0.74	2.0000	3.19	6.38	4.42
Grain drill	20 ft	143	0.100	1.00	May	1.73	1.25	0.79	1.26	0.110	0.82				5.87
Soybean seed	lbs											60.0000	0.34	20.40	20.40
Other labor	hour											1.0000	7.50	7.50	7.50
Scepter 70 DG	oz											2.8000	4.86	13.60	13.60
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Airplane hi-vol (RR)	acre					1.00	Jun					1.0000	4.23	4.23	4.23
Blazer 2L	pt											1.0000	7.77	7.77	7.77
Surfactant	pt											0.4000	2.01	0.80	0.80
Airplane lo-vol (RR)	acre					1.00	Aug					1.0000	3.05	3.05	3.05
Methyl parathion 4E	pt											1.0000	3.56	3.56	3.56
Combine medium	20 Ft		0.210	1.00	Oct			8.04	13.75	0.231	2.77				24.57
Truck	5 ton		1.000	0.35	Oct			4.12	4.24	0.350	2.62				10.98
Other labor	hour											0.3500	7.50	2.62	2.62
TOTALS						9.11	6.53	15.86	23.50	1.175	9.85				69.92
INTEREST ON OPERATING CAPITAL															4.26
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															139.05

Table 18.A Estimated costs and returns per acre, Soybeans, stale seedbed, 8-row equipment (38" rows), Tenant-operators, alluvial clay soils, Red River area, Louisiana, 2001

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
dollars				dollars	
INCOME					
Soybean	bu	5.25	30.0000	157.50	_____
Land share rent	bu	5.25	-7.5000	-39.37	_____
			-----	-----	
TOTAL INCOME				118.12	_____
DIRECT EXPENSES					
CUSTOM					
Airplane hi-vol (RR)	acre	4.23	1.0000	4.23	_____
Airplane lo-vol (RR)	acre	3.05	0.5000	1.52	_____
HERBICIDES					
Roundup D-PAK	pt	6.83	1.0000	6.83	_____
Harmony Extra	oz	11.56	0.3300	3.81	_____
Surfactant	pt	2.01	1.0000	2.01	_____
Canopy 75DF	lbs	40.60	0.5000	20.30	_____
Fusilade DX	pt	15.02	0.5000	7.51	_____
2,4-DB	pt	3.03	0.5000	1.51	_____
Hired LABOR					
Other labor	hour	7.50	0.4000	3.00	_____
INSECTICIDES					
Ambush 2EC	pt	13.80	0.2000	2.76	_____
SEED					
Soybean seed	lbs	0.34	50.0000	17.00	_____
OPERATOR LABOR					
Tractors	hour	7.50	0.2970	2.22	_____
Self-Propelled Eq.	hour	7.50	0.2800	2.10	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2310	2.77	_____
DIESEL FUEL					
Tractors	gal	1.17	2.1460	2.51	_____
Self-Propelled Eq.	gal	1.17	1.4910	1.74	_____
GASOLINE					
Self-Propelled Eq.	gal	1.43	1.4000	2.00	_____
REPAIR & MAINTENANCE					
Implements	acre	1.62	1.0000	1.62	_____
Tractors	acre	1.96	1.0000	1.96	_____
Self-Propelled Eq.	acre	7.59	1.0000	7.59	_____
INTEREST ON OP. CAP.	acre	3.77	1.0000	3.77	_____
			-----	-----	
TOTAL DIRECT EXPENSES				98.80	_____
RETURNS ABOVE DIRECT EXPENSES				19.32	_____
FIXED EXPENSES					
Implements	acre	2.45	1.0000	2.45	_____
Tractors	acre	3.11	1.0000	3.11	_____
Self-Propelled Eq.	acre	17.14	1.0000	17.14	_____
			-----	-----	
TOTAL FIXED EXPENSES				22.71	_____
			-----	-----	
TOTAL SPECIFIED EXPENSES				121.52	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-3.39	_____
ALLOCATED COST ITEMS					
Land (Oppor. Cst.)RR	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				-33.39	_____
Overhead (tenant)	acre	62.63	1.0000	62.63	_____
RESIDUAL RETURNS				-96.02	_____

Table 18.B Estimated resource use and costs for field operations, per acre
 Soybeans, stale seedbed, 8-row equipment (30" rows)
 Tenant-operators, alluvial clay soils, Red River area, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
					MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE		
-----dollars-----										dollars	-----dollars-----				
Airplane hi-vol (RR) acre			1.00	May							1.0000	4.23	4.23	4.23	
Roundup D-PAK	pt										1.0000	6.83	6.83	6.83	
Harmony Extra	oz										0.3300	11.56	3.81	3.81	
Surfactant	pt										1.0000	2.01	2.01	2.01	
Plant + pre	26.6 Ft	168	0.080	1.00	May	1.59	1.12	0.92	1.47	0.088	0.66			5.77	
Soybean seed	lbs										50.0000	0.34	17.00	17.00	
Canopy 75DF	lbs										0.5000	40.60	20.30	20.30	
Other labor	hour										0.1200	7.50	0.90	0.90	
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41			1.66	
Boom sprayer	30 ft	93	0.060	1.00	Jun	0.70	0.47	0.16	0.18	0.066	0.49			2.01	
Fusilade DX	pt										0.5000	15.02	7.51	7.51	
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.42	0.62	0.088	0.66			4.43	
2,4-DB	pt										0.5000	3.03	1.51	1.51	
Airplane lo-vol (RR) acre			1.00	Aug							0.5000	3.05	1.52	1.52	
Ambush 2EC	pt										0.2000	13.80	2.76	2.76	
Combine medium	20 Ft		0.210	1.00	Oct						8.04	13.75	0.231	2.77	24.57
Truck	5 ton		1.000	0.28	Oct						3.29	3.39	0.280	2.10	8.79
Other labor	hour											0.2800	7.50	2.10	2.10
TOTALS						4.47	3.11	12.96	19.60	0.808	7.09			70.49	117.74
INTEREST ON OPERATING CAPITAL														3.77	
UNALLOCATED LABOR														0.00	
TOTAL SPECIFIED COST														121.52	

Table 19.A Estimated costs and returns per acre Roundup® Ready
Soybeans, 8-row equipment, (38 inch rows), owner-operators,
alluvial soils, Red River area, Louisiana, 2001

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
dollars				dollars	
INCOME					
Soybean	bu	5.25	30.0000	157.50	_____

TOTAL INCOME				157.50	_____
DIRECT EXPENSES					
CUSTOM					
Airplane hi-vol (RR) acre	acre	4.23	2.0000	8.46	_____
Airplane lo-vol (RR) acre	acre	3.05	0.5000	1.52	_____
HERBICIDES					
Roundup D-PAK	pt	6.83	1.0000	6.83	_____
Harmony Extra	oz	11.56	0.3300	3.81	_____
Surfactant	pt	2.01	1.0000	2.01	_____
Prowl 3.3	pt	2.60	2.0000	5.20	_____
Roundup Ultra	pt	4.68	3.0000	14.04	_____
Hired Labor					
Other labor	hour	7.50	0.4000	3.00	_____
INSECTICIDES					
Ambush 2EC	pt	13.80	0.2000	2.76	_____
SEED					
Soybean Seed (RR)	lbs	0.53	50.0000	26.50	_____
OPERATOR LABOR					
Tractors	hour	7.50	0.2200	1.65	_____
Self-Propelled Eq.	hour	7.50	0.2800	2.10	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2673	3.20	_____
DIESEL FUEL					
Tractors	gal	1.17	1.7250	2.01	_____
Self-Propelled Eq.	gal	1.17	1.5867	1.85	_____
GASOLINE					
Self-Propelled Eq.	gal	1.43	1.4000	2.00	_____
REPAIR & MAINTENANCE					
Implements	acre	1.13	1.0000	1.13	_____
Tractors	acre	1.55	1.0000	1.55	_____
Self-Propelled Eq.	acre	7.99	1.0000	7.99	_____
INTEREST ON OP. CAP.	acre	3.99	1.0000	3.99	_____

TOTAL DIRECT EXPENSES				101.64	_____
RETURNS ABOVE DIRECT EXPENSES				55.85	_____
FIXED EXPENSES					
Implements	acre	1.76	1.0000	1.76	_____
Tractors	acre	2.50	1.0000	2.50	_____
Self-Propelled Eq.	acre	18.06	1.0000	18.06	_____

TOTAL FIXED EXPENSES				22.34	_____

TOTAL SPECIFIED EXPENSES				123.98	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				33.51	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	_____
RESIDUAL RETURNS				-40.13	_____
Land (Oppor. Cst.)RR	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				-70.13	_____

Table 19.B Estimated resource use and costs for field operations, per acre
 Roundup Ready Soybeans, 8-row equipment, (38 inch rows)
 owner-operators, alluvial soils, Red River area, Louisiana, 2001.

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-----
Airplane hi-vol (RR) acre			1.00	Apr								1.0000	4.23	4.23	4.23
Roundup D-PAK pt												1.0000	6.83	6.83	6.83
Harmony Extra oz												0.3300	11.56	3.81	3.81
Surfactant pt												1.0000	2.01	2.01	2.01
Planter 26.6 ft	168	0.070	1.00	May	1.39	0.98	0.70	1.12	0.077	0.57					4.79
Soybean Seed (RR) lbs												50.0000	0.53	26.50	26.50
Other labor hour												0.1200	7.50	0.90	0.90
Prowl 3.3 pt												2.0000	2.60	5.20	5.20
Ditcher rotary 1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41					1.66
Cultivator 26.6 ft	168	0.080	1.00	May	1.59	1.12	0.31	0.47	0.088	0.66					4.16
Hi-cycle sprayer 60 Ft		0.033	1.00	Jun			0.50	0.91	0.036	0.43					1.86
Roundup Ultra pt												1.5000	4.68	7.02	7.02
Airplane hi-vol (RR) acre			1.00	Jun								1.0000	4.23	4.23	4.23
Roundup Ultra pt												1.5000	4.68	7.02	7.02
Airplane lo-vol (RR) acre			1.00	Aug								0.5000	3.05	1.52	1.52
Ambush 2EC pt												0.2000	13.80	2.76	2.76
Combine medium 20 Ft		0.210	1.00	Oct			8.04	13.75	0.231	2.77					24.57
Truck 5 ton		1.000	0.28	Oct			3.29	3.39	0.280	2.10					8.79
Other labor hour												0.2800	7.50	2.10	2.10
TOTALS			3.57		2.50	12.98	19.83	0.767	6.95				74.13	119.99	
INTEREST ON OPERATING CAPITAL														3.99	
UNALLOCATED LABOR														0.00	
TOTAL SPECIFIED COST														123.98	

Table 20.A Estimated costs and returns per acre, Wheat and Soybeans, double crop, 8-row equipment, owner-operators, Red River and Central Areas, Louisiana, 20001

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
INCOME				dollars	
Wheat	bu	2.80	40.0000	112.00	_____
Soybean	bu	5.25	28.0000	147.00	_____
TOTAL INCOME				259.00	_____
DIRECT EXPENSES					
CUSTOM					
Airplane seed	acre	4.50	1.0000	4.50	_____
Airplane Fert	acre	4.20	1.0000	4.20	_____
Airplane lo-vol (RR)	acre	3.05	1.0000	3.05	_____
FERTILIZER					
Nitrogen	lbs	0.25	80.0000	20.00	_____
HERBICIDES					
Lasso 4EC	pt	2.77	3.0000	8.31	_____
Scepter 70 DG	oz	4.86	2.8000	13.60	_____
2,4-DB	pt	3.03	0.5000	1.51	_____
Hired LABOR					
Other labor	hour	7.50	0.4700	3.52	_____
INSECTICIDES					
Methyl parathion 4E	pt	3.56	1.0000	3.56	_____
SEED					
Wheat seed	lbs	0.12	100.0000	12.00	_____
Soybean seed	lbs	0.34	50.0000	17.00	_____
OPERATOR LABOR					
Tractors	hour	7.50	0.8910	6.68	_____
Self-Propelled Eq.	hour	7.50	0.7000	5.25	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.4620	5.54	_____
DIESEL FUEL					
Tractors	gal	1.17	7.2120	8.43	_____
Self-Propelled Eq.	gal	1.17	2.9820	3.48	_____
GASOLINE					
Self-Propelled Eq.	gal	1.43	3.5000	5.00	_____
REPAIR & MAINTENANCE					
Implements	acre	5.45	1.0000	5.45	_____
Tractors	acre	6.45	1.0000	6.45	_____
Self-Propelled Eq.	acre	15.83	1.0000	15.83	_____
INTEREST ON OP. CAP.	acre	6.86	1.0000	6.86	_____
TOTAL DIRECT EXPENSES				160.28	_____
RETURNS ABOVE DIRECT EXPENSES				98.71	_____
FIXED EXPENSES					
Implements	acre	8.05	1.0000	8.05	_____
Tractors	acre	10.48	1.0000	10.48	_____
Self-Propelled Eq.	acre	32.64	1.0000	32.64	_____
TOTAL FIXED EXPENSES				51.18	_____
TOTAL SPECIFIED EXPENSES				211.46	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				47.53	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	_____
RESIDUAL RETURNS				-26.11	_____
Land (Oppor. Cst.)RR	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				-56.11	_____

Table 20.B Estimated resource use and costs for field operations, per acre
 Wheat and Soybeans, double crop, 8-row equipment,
 owner-operators, Red River and Central Areas, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
					MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE		
-----dollars-----														-----dollars-----	
Disk	26.6 ft	168	0.070	2.00	Sep	2.78	1.97	1.29	1.92	0.154	1.15			9.13	
Airplane seed	acre			1.00	Oct							1.0000	4.50	4.50	4.50
Wheat seed	lbs											100.0000	0.12	12.00	12.00
Conditioner	26.6 Ft	168	0.070	1.00	Oct	1.39	0.98	0.43	0.57	0.077	0.57			3.96	
Ditcher rotary	1.5 ft	93	0.050	1.00	Oct	0.58	0.39	0.11	0.16	0.055	0.41			1.66	
Airplane Fert	acre			1.00	Feb							1.0000	4.20	4.20	4.20
Nitrogen	lbs											80.0000	0.25	20.00	20.00
Combine double crop	20 Ft		0.210	1.00	May									22.89	
Truck	5 ton		1.000	0.35	May									10.98	
Other labor	hour											0.3500	7.50	2.62	2.62
Disk	26.6 ft	168	0.070	2.00	May	2.78	1.97	1.29	1.92	0.154	1.15			9.13	
Conditioner	26.6 Ft	168	0.070	1.00	May	1.39	0.98	0.43	0.57	0.077	0.57			3.96	
Plant + pre	26.6 Ft	168	0.080	1.00	Jun	1.59	1.12	0.92	1.47	0.088	0.66			5.77	
Lasso 4BC	pt											3.0000	2.77	8.31	8.31
Soybean seed	lbs											50.0000	0.34	17.00	17.00
Scepter 70 DG	oz											2.8000	4.86	13.60	13.60
Other labor	hour											0.1200	7.50	0.90	0.90
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.58	0.39	0.11	0.16	0.055	0.41			1.66	
Cultivator	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.31	0.47	0.088	0.66			4.16	
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.59	1.12	0.42	0.62	0.088	0.66			4.43	
2,4-DB	pt											0.5000	3.03	1.51	1.51
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.58	0.39	0.11	0.16	0.055	0.41			1.66	
Airplane lo-vol (RR)	acre			1.00	Jul							1.0000	3.05	3.05	3.05
Methyl parathion 4E	pt											1.0000	3.56	3.56	3.56
Combine double crop	20 Ft		0.210	1.00	Sep									22.89	
Truck	5 ton		1.000	0.35	Sep									10.98	
TOTALS						14.89	10.48	29.78	40.70	2.053	17.47			91.26	204.60
INTEREST ON OPERATING CAPITAL														6.86	
UNALLOCATED LABOR														0.00	
TOTAL SPECIFIED COST														211.46	

Table 21.A Estimated costs and returns per acre
 Wheat, 8-row equipment, drill planted, owner-operators,
 Red River and Central Areas, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
dollars				dollars	
INCOME					
Wheat	bu	2.80	40.0000	112.00	_____

TOTAL INCOME				112.00	_____
DIRECT EXPENSES					
FERTILIZER					
Nitrogen	lbs	0.25	80.0000	20.00	_____
HIRED LABOR					
Other labor	hour	7.50	0.3500	2.62	_____
SEED					
Wheat seed	lbs	0.15	90.0000	13.50	_____
OPERATOR LABOR					
Tractors	hour	7.50	0.4620	3.46	_____
Self-Propelled Eq.	hour	7.50	0.3500	2.62	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2310	2.77	_____
DIESEL FUEL					
Tractors	gal	1.17	3.1170	3.64	_____
Self-Propelled Eq.	gal	1.17	1.4910	1.74	_____
GASOLINE					
Self-Propelled Eq.	gal	1.43	1.7500	2.50	_____
REPAIR & MAINTENANCE					
Implements	acre	2.63	1.0000	2.63	_____
Tractors	acre	3.18	1.0000	3.18	_____
Self-Propelled Eq.	acre	7.91	1.0000	7.91	_____
INTEREST ON OP. CAP.	acre	2.56	1.0000	2.56	_____

TOTAL DIRECT EXPENSES				69.18	_____
RETURNS ABOVE DIRECT EXPENSES				42.81	_____
FIXED EXPENSES					
Implements	acre	3.92	1.0000	3.92	_____
Tractors	acre	5.07	1.0000	5.07	_____
Self-Propelled Eq.	acre	17.99	1.0000	17.99	_____

TOTAL FIXED EXPENSES				27.00	_____

TOTAL SPECIFIED EXPENSES				96.18	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				15.81	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	_____
RESIDUAL RETURNS				-57.83	_____

Table 21.B Estimated resource use and costs for field operations, per acre
 Wheat, 6-row equipment, drill planted, owner-operators,
 Red River and Central Areas, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
					MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	
-----dolars-----										dolars		-----dolars-----		
Fertilizer buggy (R)	30 ft	93	0.060	1.00	Feb	0.32	0.47	0.00	0.066	0.49				1.28
Nitrogen	lbs										80.0000	0.25	20.00	20.00
Combine medium	20 Ft		0.210	1.00	May			8.04	13.75	0.231	2.77			24.57
Truck	5 ton		1.000	0.35	May			4.12	4.24	0.350	2.62			10.98
Other labor	hour										0.3500	7.50	2.62	2.62
Disk	20 ft	143	0.100	2.00	Oct	3.47	2.50	1.54	2.29	0.220	1.65			11.46
Conditioner	20 ft	143	0.090	1.00	Oct	1.56	1.12	0.42	0.56	0.099	0.74			4.42
Grain drill	20 ft	143	0.100	1.00	Oct	1.73	1.25	0.79	1.26	0.110	0.82			5.87
Wheat seed	lbs										90.0000	0.15	13.50	13.50
Ditcher rotary	1.5 ft	93	0.050	1.00	Oct	0.58	0.39	0.11	0.16	0.055	0.41			1.66
TOTALS						7.69	5.74	15.03	22.28	1.131	9.52			36.12
INTEREST ON OPERATING CAPITAL														2.68
UNALLOCATED LABOR														0.00
TOTAL SPECIFIED COST														99.09

Table 22.A Estimated costs and returns per acre
 Milo, 6-row equipment, (38 inch rows), owner-operators,
 Red River and Central Areas, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
dollars				dollars	
INCOME					
Milo	Cwt	4.10	48.0000	196.80	_____

TOTAL INCOME				196.80	_____
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol (RR)	acre	3.05	1.0000	3.05	_____
FERTILIZER					
Nitrogen	lbs	0.25	120.0000	30.00	_____
HERBICIDES					
Lasso 4EC	pt	2.77	6.0000	16.62	_____
Atrazine 4L	pt	1.29	4.0000	5.16	_____
Hired LABOR					
Other labor	hour	7.50	0.4700	3.52	_____
INSECTICIDES					
Lorsban 4E	pt	4.64	1.0000	4.64	_____
SEED					
Milo seed	lbs	1.14	8.0000	9.12	_____
OPERATOR LABOR					
Tractors	hour	7.50	0.8470	6.35	_____
Self-Propelled Eq.	hour	7.50	0.3500	2.62	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2310	2.77	_____
DIESEL FUEL					
Tractors	gal	1.17	5.2380	6.12	_____
Self-Propelled Eq.	gal	1.17	1.4910	1.74	_____
GASOLINE					
Self-Propelled Eq.	gal	1.43	1.7500	2.50	_____
REPAIR & MAINTENANCE					
Implements	acre	3.48	1.0000	3.48	_____
Tractors	acre	5.61	1.0000	5.61	_____
Self-Propelled Eq.	acre	7.91	1.0000	7.91	_____
INTEREST ON OP. CAP.	acre	4.18	1.0000	4.18	_____

TOTAL DIRECT EXPENSES				115.44	_____
RETURNS ABOVE DIRECT EXPENSES				81.35	_____
FIXED EXPENSES					
Implements	acre	5.17	1.0000	5.17	_____
Tractors	acre	8.75	1.0000	8.75	_____
Self-Propelled Eq.	acre	17.99	1.0000	17.99	_____

TOTAL FIXED EXPENSES				31.93	_____

TOTAL SPECIFIED EXPENSES				147.38	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				49.41	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	_____
RESIDUAL RETURNS				-24.23	_____
Land (Oppor. Cst.)RR	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				-54.23	_____

Table 22.B Estimated resource use and costs for field operations, per acre
 Milo, 6-row equipment, (38 inch rows), owner-operators,
 Red River and Central Areas, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF TIMES			TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
-----dollars-----															
Disk	20 ft	143	0.100	2.00	Apr	3.47	2.50	1.54	2.29	0.220	1.65				11.46
Conditioner	20 ft	143	0.090	1.00	Apr	1.56	1.12	0.42	0.56	0.099	0.74				4.42
Planter	20 Ft	143	0.090	1.00	Apr	1.56	1.12	0.71	1.14	0.099	0.74				5.29
Milo seed	lbs											8.0000	1.14	9.12	9.12
Other labor	hour											0.1200	7.50	0.90	0.90
Lasso 4BC	pt											6.0000	2.77	16.62	16.62
Atrazine 4L	pt											4.0000	1.29	5.16	5.16
Ditcher rotary	1.5 ft	93	0.050	1.00	Apr	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Fertilizer app (R)	20 ft	93	0.090	1.00	May	0.48	0.70		0.00	0.099	0.74				1.93
Nitrogen	lbs											120.0000	0.25	30.00	30.00
Cultivator	20 ft	143	0.100	1.00	May	1.73	1.25	0.28	0.42	0.110	0.82				4.53
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivator	20 ft	143	0.100	1.00	Jun	1.73	1.25	0.28	0.42	0.110	0.82				4.53
Airplane lo-vol (RR)	acre					1.00	Jul					1.0000	3.05	3.05	3.05
Lorsban 4E	pt											1.0000	4.64	4.64	4.64
Combine medium	20 Ft		0.210	1.00	Sep			8.04	13.75	0.231	2.77				24.57
Truck	5 ton		1.000	0.35	Sep			4.12	4.24	0.350	2.62				10.98
Other labor	hour											0.3500	7.50	2.62	2.62
TOTALS						11.74	8.75	15.64	23.17	1.428	11.74				72.11
INTEREST ON OPERATING CAPITAL															4.18
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															147.38

Table 23.A Estimated costs and returns per acre
 Milo, 6-row equipment, (38 inch rows), tenant-operators
 Red River and Central Areas, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
dollars				dollars	
INCOME					
Milo	Cwt	4.10	48.0000	196.80	_____
Land share rent	Cwt	4.10	-9.6000	-39.36	_____

TOTAL INCOME				157.44	_____
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol (RR) acre	acre	3.05	1.0000	3.05	_____
FERTILIZER					
Nitrogen	lbs	0.25	120.0000	30.00	_____
HERBICIDES					
Lasso 4EC	pt	2.77	6.0000	16.62	_____
Atrazine 4L	pt	1.29	4.0000	5.16	_____
Hired LABOR					
Other labor	hour	7.50	0.4700	3.52	_____
INSECTICIDES					
Lorsban 4E	pt	4.64	1.0000	4.64	_____
SEED					
Milo seed	lbs	1.14	8.0000	9.12	_____
OPERATOR LABOR					
Tractors	hour	7.50	0.8470	6.35	_____
Self-Propelled Eq.	hour	7.50	0.3500	2.62	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2310	2.77	_____
DIESEL FUEL					
Tractors	gal	1.17	5.2380	6.12	_____
Self-Propelled Eq.	gal	1.17	1.4910	1.74	_____
GASOLINE					
Self-Propelled Eq.	gal	1.43	1.7500	2.50	_____
REPAIR & MAINTENANCE					
Implements	acre	3.48	1.0000	3.48	_____
Tractors	acre	5.61	1.0000	5.61	_____
Self-Propelled Eq.	acre	7.91	1.0000	7.91	_____
INTEREST ON OP. CAP.	acre	4.18	1.0000	4.18	_____

TOTAL DIRECT EXPENSES				115.44	_____
RETURNS ABOVE DIRECT EXPENSES				41.99	_____
FIXED EXPENSES					
Implements	acre	5.17	1.0000	5.17	_____
Tractors	acre	8.75	1.0000	8.75	_____
Self-Propelled Eq.	acre	17.99	1.0000	17.99	_____

TOTAL FIXED EXPENSES				31.93	_____

TOTAL SPECIFIED EXPENSES				147.38	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				10.05	_____
ALLOCATED COST ITEMS					
Overhead (tenant)	acre	62.63	1.0000	62.63	_____
RESIDUAL RETURNS				-52.57	_____

Table 23.B Estimated resource use and costs for field operations, per acre
 Milo, 6-row equipment, (38 inch rows), tenant-operators
 Red River and Central Areas, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF TIMES			TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
			RATE	OVER	MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
-----dollars-----															-----dollars-----
Disk	20 ft	143	0.100	2.00	Apr	3.47	2.50	1.54	2.29	0.220	1.65				11.46
Conditioner	20 ft	143	0.090	1.00	Apr	1.56	1.12	0.42	0.56	0.099	0.74				4.42
Planter	20 Ft	143	0.090	1.00	Apr	1.56	1.12	0.71	1.14	0.099	0.74				5.29
Mile seed	lbs											8.0000	1.14	9.12	9.12
Other labor	hour											0.1200	7.50	0.90	0.90
Lasso 4EC	pt											6.0000	2.77	16.62	16.62
Atrazine 4L	pt											4.0000	1.29	5.16	5.16
Ditcher rotary	1.5 ft	93	0.050	1.00	Apr	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Fertilizer app (R)	20 ft	93	0.090	1.00	May	0.48	0.70		0.00	0.099	0.74				1.93
Nitrogen	lbs											120.0000	0.25	30.00	30.00
Cultivator	20 ft	143	0.100	1.00	May	1.73	1.25	0.28	0.42	0.110	0.82				4.53
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Cultivator	20 ft	143	0.100	1.00	Jun	1.73	1.25	0.28	0.42	0.110	0.82				4.53
Airplane lo-vol (RR)	acre					1.00	Jul					1.0000	3.05	3.05	3.05
Lorsban 4E	pt											1.0000	4.64	4.64	4.64
Combine medium	20 Ft		0.210	1.00	Sep			8.04	13.75	0.231	2.77				24.57
Truck	5 ton		1.000	0.35	Sep			4.12	4.24	0.350	2.62				10.98
Other labor	hour											0.3500	7.50	2.62	2.62
TOTALS						11.74	8.75	15.64	23.17	1.428	11.74				72.11
INTEREST ON OPERATING CAPITAL															4.18
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															147.38

Table 24.A Estimated costs and returns per acre, Corn, sandy soil,
6-row equipment, (38 inch rows), owner-operators,
Red River and Central Areas, Louisiana, 20001

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
INCOME				dollars	
Corn	bu	2.50	120.0000	300.00	_____
TOTAL INCOME				300.00	_____
DIRECT EXPENSES					
CUSTOM					
Drying Charge	bu	0.19	120.0000	22.80	_____
FERTILIZER					
Lime (spread)	ton	30.80	0.2500	7.70	_____
Nitrogen	lbs	0.25	200.0000	50.00	_____
Phosphate	lbs	0.19	50.0000	9.50	_____
Potash	lbs	0.15	70.0000	10.50	_____
HERBICIDES					
Atrazine 4L	pt	1.29	2.0000	2.58	_____
Lasso 4EC	pt	2.77	3.0000	8.31	_____
Hired LABOR					
Other labor	hour	7.50	0.4000	3.00	_____
INSECTICIDES					
Counter 20CR	lbs	2.71	5.0000	13.55	_____
SEED					
Corn seed	thou	0.88	29.0000	25.52	_____
OPERATOR LABOR					
Implements	hour	7.50	0.1100	0.82	_____
Tractors	hour	7.50	1.6500	12.37	_____
Self-Propelled Eq.	hour	7.50	0.4000	3.00	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2310	2.77	_____
DIESEL FUEL					
Tractors	gal	1.17	9.8550	11.53	_____
Self-Propelled Eq.	gal	1.17	1.4910	1.74	_____
GASOLINE					
Self-Propelled Eq.	gal	1.43	2.0000	2.86	_____
REPAIR & MAINTENANCE					
Implements	acre	6.01	1.0000	6.01	_____
Tractors	acre	10.49	1.0000	10.49	_____
Self-Propelled Eq.	acre	8.65	1.0000	8.65	_____
INTEREST ON OP. CAP.	acre	8.20	1.0000	8.20	_____
TOTAL DIRECT EXPENSES				221.93	_____
RETURNS ABOVE DIRECT EXPENSES				78.06	_____
FIXED EXPENSES					
Implements	acre	9.31	1.0000	9.31	_____
Tractors	acre	16.21	1.0000	16.21	_____
Self-Propelled Eq.	acre	19.70	1.0000	19.70	_____
TOTAL FIXED EXPENSES				45.23	_____
TOTAL SPECIFIED EXPENSES				267.17	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				32.82	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	_____
RESIDUAL RETURNS				-40.82	_____
Land (Oppor. Cst.)	acre	65.00	1.0000	65.00	_____
RESIDUAL RETURNS				-105.82	_____

Table 24.B Estimated resource use and costs for field operations, per acre
 Corn, sandy soil, 6-row equipment, (38 inch rows),
 owner-operators, Red River and Central Areas, Louisiana, 2001.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
					MTH	DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	
-----dollars-----										dollars	-----dollars-----			
Lime (spread)	ton			1.00	Jan						0.2500	30.80	7.70	7.70
V- Ripper	7 shank	143	0.170	1.00	Jan	2.95	2.13	0.52	0.72	0.187	1.40			7.73
Disk	20 ft	143	0.100	1.00	Feb	1.73	1.25	0.77	1.14	0.110	0.82			5.73
Fertilizer buggy (R)	30 ft	93	0.060	1.00	Mar	0.32	0.47		0.00	0.066	0.49			1.28
Nitrogen	lbs											60.0000	0.25	15.00
Phosphate	lbs											50.0000	0.19	9.50
Potash	lbs											70.0000	0.15	10.50
Hipper	20 ft	143	0.090	1.00	Mar	1.56	1.12	0.28	0.42	0.099	0.74			4.14
Ditcher rotary	1.5 ft	93	0.050	1.00	Mar	0.58	0.39	0.11	0.16	0.055	0.41			1.66
Hipper	20 ft	143	0.090	1.00	Mar	1.56	1.12	0.28	0.42	0.099	0.74			4.14
Conditioner	20 ft	143	0.090	1.00	Mar	1.56	1.12	0.42	0.56	0.099	0.74			4.42
Plant + pre	20 Ft	143	0.110	1.00	Mar	1.91	1.37	0.95	1.52	0.231	1.73			7.49
Corn seed	thou											29.0000	0.88	25.52
Atrazine 4L	pt											2.0000	1.29	2.58
Lasso 4EC	pt											3.0000	2.77	8.31
Counter 20CR	lbs											5.0000	2.71	13.55
Ditcher rotary	1.5 ft	93	0.050	1.00	Mar	0.58	0.39	0.11	0.16	0.055	0.41			1.66
Fertilizer app (R)	20 ft	93	0.090	1.00	Apr	0.48	0.70		0.00	0.099	0.74			1.93
Nitrogen	lbs											140.0000	0.25	35.00
Cultivator	20 ft	143	0.100	1.00	Apr	1.73	1.25	0.28	0.42	0.110	0.82			4.53
Ditcher rotary	1.5 ft	93	0.050	1.00	Apr	0.58	0.39	0.11	0.16	0.055	0.41			1.66
Combine corn	20 Ft		0.210	1.00	Aug			8.54	14.85	0.231	2.77			26.17
Drying Charge	bu											120.0000	0.19	22.80
Grain cart	450 bu	93	1.000	0.25	Aug	2.92	1.95	0.60	1.30	0.275	2.06			8.86
Truck	5 ton		1.000	0.40	Aug				4.71	4.84	0.400	3.00		
Other labor	hour											0.4000	7.50	3.00
Disk	20 ft	143	0.100	2.00	Aug	3.47	2.50	1.54	2.29	0.220	1.65			11.46
TOTALS						22.02	16.21	19.27	29.02	2.391	18.97			153.46
INTEREST ON OPERATING CAPITAL														8.20
UNALLOCATED LABOR														0.00
TOTAL SPECIFIED COST														267.17

Table 25.A Estimated costs and returns per acre, Corn, sandy soil,
6-row equipment, (38 inch rows), tenant-operators,
Red River and Central Areas, Louisiana, 2001

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
INCOME				dollars	dollars
Corn	bu	2.50	120.0000	300.00	_____
Land share rent	bu	2.50	-24.0000	-60.00	_____
TOTAL INCOME				240.00	_____
DIRECT EXPENSES					
CUSTOM					
Drying Charge	bu	0.19	96.0000	18.24	_____
FERTILIZER					
Lime (spread)	ton	30.80	0.2500	7.70	_____
Nitrogen	lbs	0.25	200.0000	50.00	_____
Phosphate	lbs	0.19	50.0000	9.50	_____
Potash	lbs	0.15	70.0000	10.50	_____
HERBICIDES					
Atrazine 4L	pt	1.29	2.0000	2.58	_____
Lasso 4EC	pt	2.77	3.0000	8.31	_____
Hired LABOR					
Other labor	hour	7.50	0.4000	3.00	_____
INSECTICIDES					
Counter 20CR	lbs	2.71	5.0000	13.55	_____
SEED					
Corn seed	thou	0.88	29.0000	25.52	_____
OPERATOR LABOR					
Implements	hour	7.50	0.1100	0.82	_____
Tractors	hour	7.50	1.6500	12.37	_____
Self-Propelled Eq.	hour	7.50	0.4000	3.00	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2310	2.77	_____
DIESEL FUEL					
Tractors	gal	1.17	9.8550	11.53	_____
Self-Propelled Eq.	gal	1.17	1.4910	1.74	_____
GASOLINE					
Self-Propelled Eq.	gal	1.43	2.0000	2.86	_____
REPAIR & MAINTENANCE					
Implements	acre	6.01	1.0000	6.01	_____
Tractors	acre	10.49	1.0000	10.49	_____
Self-Propelled Eq.	acre	8.65	1.0000	8.65	_____
INTEREST ON OP. CAP.	acre	8.17	1.0000	8.17	_____
TOTAL DIRECT EXPENSES				217.33	_____
RETURNS ABOVE DIRECT EXPENSES				22.66	_____
FIXED EXPENSES					
Implements	acre	9.31	1.0000	9.31	_____
Tractors	acre	16.21	1.0000	16.21	_____
Self-Propelled Eq.	acre	19.70	1.0000	19.70	_____
TOTAL FIXED EXPENSES				45.23	_____
TOTAL SPECIFIED EXPENSES				262.57	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-22.57	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	73.65	1.0000	73.65	_____
RESIDUAL RETURNS				-96.22	_____

Table 25.B Estimated resource use and costs for field operations, per acre
 Corn, sandy soil, 6-row equipment, (38 inch rows),
 tenant-operators, Red River and Central Areas, Louisiana, 2001.

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-----
Lime (spread)	ton			1.00	Jan							0.2500	30.80	7.70	7.70
V- Ripper	7 shank	143	0.170	1.00	Jan	2.95	2.13	0.52	0.72	0.187	1.40				7.73
Disk	20 ft	143	0.100	1.00	Feb	1.73	1.25	0.77	1.14	0.110	0.82				5.73
Fertilizer buggy (R)	30 ft	93	0.060	1.00	Mar	0.32	0.47		0.00	0.066	0.49				1.28
Nitrogen	lbs											60.0000	0.25	15.00	15.00
Phosphate	lbs											50.0000	0.19	9.50	9.50
Potash	lbs											70.0000	0.15	10.50	10.50
Hipper	20 ft	143	0.090	1.00	Mar	1.56	1.12	0.28	0.42	0.099	0.74				4.14
Ditcher rotary	1.5 ft	93	0.050	1.00	Mar	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Hipper	20 ft	143	0.090	1.00	Mar	1.56	1.12	0.28	0.42	0.099	0.74				4.14
Conditioner	20 ft	143	0.090	1.00	Mar	1.56	1.12	0.42	0.56	0.099	0.74				4.42
Plant + pre	20 Ft	143	0.110	1.00	Mar	1.91	1.37	0.95	1.52	0.231	1.73				7.49
Corn seed	thou											29.0000	0.88	25.52	25.52
Atrazine 4L	pt											2.0000	1.29	2.58	2.58
Lasso 4EC	pt											3.0000	2.77	8.31	8.31
Counter 20CR	lbs											5.0000	2.71	13.55	13.55
Ditcher rotary	1.5 ft	93	0.050	1.00	Mar	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Fertilizer app (R)	20 ft	93	0.090	1.00	Apr	0.48	0.70		0.00	0.099	0.74				1.93
Nitrogen	lbs											140.0000	0.25	35.00	35.00
Cultivator	20 ft	143	0.100	1.00	Apr	1.73	1.25	0.28	0.42	0.110	0.82				4.53
Ditcher rotary	1.5 ft	93	0.050	1.00	Apr	0.58	0.39	0.11	0.16	0.055	0.41				1.66
Combine corn	20 Ft		0.210	1.00	Aug			8.54	14.85	0.231	2.77				26.17
Drying Charge	bu											96.0000	0.19	18.24	18.24
Grain cart	450 bu	93	1.000	0.25	Aug	2.92	1.95	0.60	1.30	0.275	2.06				8.86
Truck	5 ton		1.000	0.40	Aug			4.71	4.84	0.400	3.00				12.55
Other labor	hour											0.4000	7.50	3.00	3.00
Disk	20 ft	143	0.100	2.00	Aug	3.47	2.50	1.54	2.29	0.220	1.65				11.46
TOTALS						22.02	16.21	19.27	29.02	2.391	18.97				148.90
INTEREST ON OPERATING CAPITAL															8.17
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															262.57

Appendix Table 1. Tractors: estimated useful life, annual use, purchase price, repair cost, fuel consumption rate, and direct and fixed cost per hour Louisiana, 2001.

ITEM NAME	SIZE	USEFUL	ANNUAL	PURCHASE	REPAIR	FUEL	--DIRECT COST--		--FIXED COST--	
		LIFE	USE	PRICE	COST	CONS RATE	/hour	\$/hr	\$/hr	\$/hr
Lg 4wd (base) LS	300	16	625	115,000	96	14.40	27.88		18.01	
Lg 4wd. (base)	300	16	625	115,000	96	14.40	27.88		18.01	
Lg 4wd. w/PS,3pt,pto	300	16	625	132,000	96	14.40	29.52		20.68	
Pickup Truck	1\2 ton	5	800	17,000	45	2.50	5.48		4.72	
Sm 4wd base (LS)	225	16	625	97,500	96	10.80	21.99		15.27	
Sm 4wd. (base)	225	16	625	97,500	96	10.80	21.99		15.27	
Sm 4wd. w/PS,3pt,pto	225	16	625	115,000	96	10.80	23.67		18.01	
Tractor 106-130	118	16	625	70,000	104	6.80	15.23		10.96	
Tractor 131-155	143	16	625	80,000	99	8.10	17.39		12.53	
Tractor 131-155 (GC)	143	16	625	80,000	99	5.99	14.93		12.53	
Tractor 15-30	23	16	625	12,000	170	1.60	4.32		1.88	
Tractor 156-180	168	16	625	90,000	95	9.70	19.89		14.10	
Tractor 31-55	43	16	625	17,500	159	2.70	5.94		2.74	
Tractor 56-80	68	16	625	25,000	138	4.20	8.36		3.91	
Tractor 80-105	93	16	625	50,000	108	5.40	11.71		7.83	
Tractor 80-105 (GC)	93	16	625	50,000	108	3.99	10.07		7.83	

Appendix Table 2. Self-propelled machines: estimated performance rate, useful life, annual use, purchase price, repair cost, fuel consumption rate, and direct and fixed cost per hour and per acre Louisiana, 2001.

ITEM NAME	SIZE	PERF	USEFUL	ANNUAL	PURCHASE	REPAIR	FUEL	--DIRECT COST--		--FIXED COST--	
		RATE	LIFE	USE	PRICE	COST	CONS RATE	/hour	\$/hr	\$/ac	\$/hr
		hrs/ac	years	hours	dollars	percent					
Combine corn	20 Ft	0.210	10	300	162,000	60	7.10	40.70	8.54	70.74	14.85
Combine double crop	20 Ft	0.210	6	500	150,000	60	7.10	38.30	8.04	57.51	12.07
Combine large	25 Ft	0.170	10	300	165,000	60	8.60	43.06	7.32	72.05	12.24
Combine medium	20 Ft	0.210	10	300	150,000	60	7.10	38.30	8.04	65.50	13.75
Combine Rice	25 Ft	0.300	10	300	165,000	60	8.60	43.06	12.91	72.05	21.61
Combine Rice second	25 Ft	0.160	10	300	165,000	60	8.60	43.06	6.88	72.05	11.52
Cotton Picker	2 Row	0.580	10	250	120,000	85	7.70	49.80	28.88	62.88	36.47
Cotton Picker	5-row	0.200	10	250	205,000	85	9.60	80.93	16.18	107.42	21.48
Cotton Picker second	2 Row	0.400	10	250	120,000	85	7.70	49.80	19.92	62.88	25.15
Cotton Picker second	4 Row	0.170	10	250	190,000	85	9.60	75.83	12.89	99.56	16.92
Cotton Picker-MB-BB	4 Row	0.220	10	250	190,000	85	9.60	75.83	16.68	99.56	21.90
Cotton Stripper	4 row	0.250	10	300	120,000	75	6.00	37.02	9.25	52.40	13.10
Crawfish combine		1.000	10	400	6,500	55	3.50	4.98	4.98	2.12	2.12
Hi-cycle sprayer	60 Ft	0.033	12	250	60,000	60	2.90	15.39	0.50	27.86	0.91
Pickup truck	1\2 ton	1.000	5	800	17,000	45	2.50	5.48	5.48	4.72	4.72
Truck	1 ton	1.000	10	400	25,500	50	3.00	7.47	7.47	8.35	8.35
Truck	2 ton	1.000	10	400	30,000	50	3.70	9.04	9.04	9.82	9.82
Truck	5 ton	1.000	10	400	37,000	50	5.00	11.77	11.77	12.11	12.11

Appendix Table 3. Implements: estimated performance rate, useful life, annual use, purchase price, repair cost, and direct and fixed cost per hour and per acre Louisiana, 2001.

ITEM NAME	SIZE	PERF	USEFUL	ANNUAL	PURCHASE	REPAIR	--DIRECT COST--		--FIXED COST--	
		RATE	LIFE	USE	PRICE	COST	\$/hr	\$/ac	\$/hr	\$/ac
		hrs/ac	years	hours	dollars	percent				
Backhoe	2	1.000	10	100	6,000	88	5.28	5.28	7.86	7.86
Baler convention	20 ft	0.140	10	150	14,000	92	8.58	1.20	12.22	1.71
Baler Round	Large	0.200	10	150	20,000	94	12.53	2.50	17.46	3.49
Boll buggy	6 bale	1.000	12	200	18,000	80	6.00	6.00	10.45	10.45
Boom sprayer	30 ft	0.060	8	150	3,000	110	2.75	0.16	3.07	0.18
Chisel plow	13.3 ft	0.140	10	200	6,000	88	2.64	0.36	3.93	0.55
Chisel plow	20 ft	0.090	10	200	12,000	88	5.28	0.47	7.86	0.70
Conditioner	13.3 ft	0.150	6	200	4,500	88	3.30	0.49	4.31	0.64
Conditioner	20 ft	0.090	6	200	6,500	88	4.76	0.42	6.23	0.56
Conditioner	26.6 Ft	0.070	6	200	8,500	88	6.23	0.43	8.14	0.57
Cult + Post(2x1)skip	26.6 ft	0.080	10	200	10,000	88	4.40	0.35	6.55	0.52
Cultimulcher	12 Ft	0.160	15	120	5,500	88	2.68	0.43	4.65	0.74
Cultivate + post	13.3 ft	0.160	10	200	6,250	88	2.75	0.44	4.09	0.65
Cultivate + Post	20 ft	0.110	10	200	8,200	88	3.60	0.39	5.37	0.59
Cultivate + Post	26.6 ft	0.080	10	200	12,000	88	5.28	0.42	7.86	0.62
Cultivator	13.3 ft	0.140	10	200	4,500	88	1.98	0.27	2.94	0.41
Cultivator	20 ft	0.100	10	200	6,550	88	2.88	0.28	4.29	0.42
Cultivator	26.6 ft	0.080	10	200	9,000	88	3.96	0.31	5.89	0.47
Cultivator	6-Row30"	0.140	10	200	5,350	88	2.35	0.32	3.50	0.49
Cultivator (2x1)skip	26.6 ft"	0.080	10	200	8,000	88	3.52	0.28	5.24	0.41
Disk	13.3 ft	0.150	10	200	8,500	88	3.74	0.56	5.56	0.83
Disk	20 ft	0.100	10	200	17,500	88	7.70	0.77	11.46	1.14
Disk	26.6 ft	0.070	10	200	21,000	88	9.24	0.64	13.75	0.96
Disk (water)	20 ft	0.350	10	200	17,500	88	7.70	2.69	11.46	4.01
Disk + pre	13.3 ft	0.160	10	200	9,250	88	4.07	0.65	6.05	0.96
Disk + pre	20 ft	0.100	10	200	18,700	88	8.22	0.82	12.24	1.22
Disk + pre	26.6 ft	0.070	10	200	22,500	88	9.90	0.69	14.73	1.03
Ditcher rotary	1.5 ft	0.050	10	100	2,500	88	2.20	0.11	3.27	0.16
Ditcher side	1.5 ft	0.050	10	200	3,750	88	1.65	0.08	2.45	0.12
Doall (water)	20 ft	0.350	15	100	8,000	88	4.69	1.64	8.12	2.84
Dozer blade	10ft	0.850	20	100	3,500	66	1.15	0.98	3.06	2.60
Drag	14 ft	0.130	8	200	800	88	0.44	0.05	0.61	0.07
Fertilizer app anh	18 ft	0.170	8	150	6,000	93	4.65	0.79	6.14	1.04
Fertilizer app liq	18 ft	0.130	10	130	5,500	110	4.65	0.60	5.54	0.72
Fertilizer buggy	30 ft	0.060	10	150	6,500	88	3.81	0.22	5.67	0.34
Field cult + pre	20 ft	0.100	10	200	9,750	88	4.29	0.42	6.38	0.63
Field cult + pre	32 ft	0.060	10	200	16,500	88	7.26	0.43	10.80	0.64
Field cultivator	20 ft	0.090	10	200	8,750	88	3.85	0.34	5.73	0.51
Field cultivator	32 ft	0.050	10	200	15,500	88	6.82	0.34	10.15	0.50
Grain cart	450 bu	1.000	15	175	9,000	71	2.43	2.43	5.22	5.22
Grain drill	12 ft	0.210	8	200	7,500	77	3.60	0.75	5.76	1.20
Grain drill	20 ft	0.100	8	200	16,500	77	7.94	0.79	12.67	1.26
Harrow	6 Ft	0.410	10	300	800	88	0.23	0.09	0.34	0.14
Hipper	13.3 ft	0.150	10	200	4,500	88	1.98	0.29	2.94	0.44
Hipper	20 ft	0.090	10	200	7,200	88	3.16	0.28	4.71	0.42
Hipper	26.6 ft	0.070	10	200	9,200	88	4.04	0.28	6.02	0.42
Hipper + Fert	20 ft	0.110	10	200	8,500	88	3.74	0.41	5.56	0.61
Honey wagon	3000 gal	1.000	10	200	6,380	88	2.80	2.80	4.17	4.17
Land level	13 ft	0.190	15	200	7,500	66	1.65	0.31	3.80	0.72
Laser Equipment	1	1.560	10	350	17,500	20	1.00	1.56	6.55	10.21
Laser Equipment #2	1	1.000	10	350	17,500	20	1.00	1.00	6.55	6.55
Laser Scraper	9 cu. yd	1.560	15	350	9,500	66	1.19	1.86	2.75	4.29
Levee plow	8 Ft	0.050	10	150	4,600	50	1.53	0.07	4.01	0.20
Manure spreader	110 yd	1.000	15	100	6,550	88	3.84	3.84	6.64	6.64
Middle buster	13.3 ft	0.150	15	100	2,400	70	1.12	0.16	2.43	0.36
Module Builder	32 Ft	1.000	12	125	22,000	80	11.73	11.73	20.43	20.43
Molboard 4 bottom	6 Ft	0.330	15	200	2,000	108	0.72	0.23	1.01	0.33
Mower conditioner	9 Ft	0.190	10	150	10,000	198	13.20	2.50	8.73	1.65
Mower drum	6.7 Ft	0.250	10	150	4,400	44	1.29	0.32	3.84	0.96
Mtd. Boom Sprayer	15 ft.	0.145	8	150	1,800	110	1.65	0.23	1.84	0.26
No till drill (15)	15 ft	0.145	8	200	26,000	71	11.53	1.67	19.97	2.89
No till planter	20 Ft	0.100	8	200	27,500	117	20.10	2.01	21.12	2.11
Nurse tank	1000 gal	0.130	10	130	3,500	22	0.59	0.07	3.52	0.45
Plant + pre	13.3 ft	0.160	8	200	12,000	77	5.77	0.92	9.21	1.47
Plant + pre	20 Ft	0.110	8	200	18,000	77	8.66	0.95	13.82	1.52
Plant + pre	26.6 Ft	0.080	8	200	24,000	77	11.55	0.92	18.43	1.47
Plant + Pre (2x1)	26.6 ft	0.080	8	200	20,000	77	9.62	0.77	15.36	1.22
Planter	13.3 ft	0.140	8	200	10,500	77	5.05	0.70	8.06	1.12
Planter	20 Ft	0.090	8	200	16,500	77	7.94	0.71	12.67	1.14
Planter	26.6 ft	0.070	8	200	21,000	77	10.10	0.70	16.13	1.12
Planter	6row 30"	0.140	8	200	15,000	77	7.21	1.01	11.52	1.61
Ridge tiller	26.6 ft	1.000	12	200	18,000	80	6.00	6.00	10.45	10.45
Ripper- hipper	13.3 ft	0.160	10	200	7,000	88	3.08	0.49	4.58	0.73
Rotary hoe	18 ft	0.080	20	75	4,500	110	3.30	0.26	5.24	0.41
Rotary mower	13.3 ft	0.130	10	150	7,000	44	2.05	0.26	6.11	0.79
Rotary mower	6.7 ft	0.150	10	150	2,500	44	0.73	0.11	2.18	0.32
Sodseeder	12 ft	0.110	8	200	6,500	77	3.12	0.34	4.99	0.54
Spike harrow	18 ft	0.080	10	200	2,000	88	0.88	0.07	1.31	0.10
Spike harrow (dbl)	18 ft	0.080	10	200	2,000	88	0.88	0.07	1.31	0.10
Sprayer cattle	6 ft	1.000	15	70	700	71	0.47	0.47	1.01	1.01
Springer	60 bu	0.400	10	100	8,500	77	6.54	2.61	11.13	4.45
Springtooth harrow	20 ft	0.110	13	150	3,500	132	2.36	0.26	2.57	0.28
Stalk cutter	13.3 ft	0.130	10	150	8,000	44	2.34	0.30	6.98	0.90
Stalk cutter	6.7 ft	0.250	10	150	2,750	44	0.80	0.20	2.40	0.60
Subsoiler	3 shank	0.400	15	100	2,500	100	1.66	0.66	2.53	1.01
Tractor blade	6 ft	1.000	15	100	500	137	0.45	0.45	0.50	0.50
Tractor Spreader	20 ft	0.110	10	150	700	88	0.41	0.04	0.61	0.06
Trailer cotton	10 bale	1.000	15	200	5,500	88	1.61	1.61	2.79	2.79
Trailer gooseneck	6 ft	1.000	15	100	5,000	88	2.93	2.93	5.07	5.07
Trailer hay	6 Ft	0.500	15	100	2,000	88	1.17	0.58	2.03	1.01
Trailer utility	10 Ft	1.000	15	200	2,000	35	0.23	0.23	1.01	1.01
V- Ripper	7 shank	0.170	15	100	4,200	110	3.08	0.52	4.26	0.72
V-Ripper	9 shank	0.130	15	100	5,600	110	4.10	0.53	5.68	0.73
Water level	16 Ft	0.220	15	100	2,750	66	1.21	0.26	2.79	0.61
Water/Laser Level	16	1.000	15	100	2,750	66	1.21	1.21	2.79	2.79

Appendix Table 4. Operating inputs: estimated prices Louisiana, 2001.

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
dollars			dollars		
CUSTOM					
Airplane benlate	acre	4.70	Lexone L	pt	13.26
Airplane Fert	acre	4.20	Londax 60DF	oz	14.65
Airplane Fert	cwt	4.58	Lorox 4L	pt	7.33
Airplane hi-vol (NE)	acre	3.60	Lorox 50DG	lbs	10.12
Airplane hi-vol (RR)	acre	4.23	MSMA 6.6	pt	2.22
Airplane Insect	acre	4.27	MSMA plus	pt	2.14
Airplane lo-vol (NE)	acre	2.38	Ordram 15G	lbs	1.08
Airplane lo-vol (NE)	acre	2.38	Ordram 8E	pt	6.71
Airplane lo-vol (RR)	acre	3.05	Poast 1.5L	pt	9.90
Airplane seed	cwt	4.25	Probe	lbs	17.50
Airplane seed	cwt	4.60	Prowl 3.3	pt	2.60
Airplane seed	acre	4.50	Reflex	oz	0.64
Airplane seed	cwt	4.85	Roundup D-PAK	pt	6.83
Airplane ulv	acre	1.93	Roundup Ultra	pt	4.68
Custom harvest	lbs	0.10	Scepter 70 DG	oz	4.86
Custom Harvest	lbs	0.10	Sencor 90DF	lbs	18.32
Drying Charge	bu	0.19	Sencor L	pt	11.54
Drying Charge	cwt	0.17	Stam M4	qt	4.93
Drying Rice	cwt	0.93	Surfactant	pt	2.01
Fertilizer Cart	ton	4.75	Treflan 4L	pt	3.19
Fertilizer Truck	acre	3.95	Whip360	pt	25.80
Fertilizer Truck	acre	3.95	Zorial 80DF	lbs	14.17
Global Pos. System	acre	0.50	HIRED LABOR		
GPS Spreading	acre	7.33	Other labor	hour	7.50
Storage Rice	cwt	0.45	INSECTICIDES		
Storage Soybeans	bu	0.20	Ambush 2EC	pt	13.80
DEFOLIANT			Ammo 2.5E	oz	1.65
Def	pt	5.61	Asana XL .66EC	pt	13.73
Dropp	lbs	56.34	Baythroid	pt	50.85
Finish	pt	9.72	Bidrin 8EC	pt	11.13
Folex	pt	5.39	Counter 20CR	lbs	2.71
Harvade	pt	10.30	Curacron 8E	pt	11.74
Prep	pt	6.53	Cygon 4EC	pt	4.13
Sodium Chlorate	pt	0.61	Diazinon AG500	pt	3.73
FERTILIZER			Dimethoate 5	pt	4.41
Ammonium Nitrate 33%	lbs	0.08	Furadan 3G	lbs	0.95
Ammonium Sulfate 21%	lbs	0.07	Guthion 2L	pt	4.06
Anhydrous (82%)	lbs	0.13	Icon Treatment (dry)	cwt	14.00
Boron	lbs	0.38	Icon Treatment (wet)	cwt	17.05
Lime (spread)	ton	30.80	Karate Z2	oz	3.79
Nitrogen	lbs	0.25	Lannate LV2.4E	pt	6.40
Nitrogen (32%)	lbs	0.22	Larvin 3.2 E	pt	7.05
Phosphate	lbs	0.19	Lorsban 4E	pt	4.64
Potash	lbs	0.15	Methyl parathion 4E	pt	3.56
Urea (45%)	lbs	0.07	Monitor 4EC	pt	9.79
Zinc Sulfate (36%)	lbs.	0.97	Orthene 75S	lb	11.34
FUNGICIDES			Orthene 90SP	lb	10.19
Benlate 50% WP	lbs	16.51	Pounce 3.2EC	pt	18.15
Giberlic acid	cwt	3.00	Scout x-tra	pt	31.51
Quadris	oz.	2.23	Sevin 80% S	lbs	4.85
Rovral WG	lbs.	20.34	Sevin XLR	pt	3.41
Tilt 3EC	oz	2.39	Temik 15G	lbs	3.32
TSX 18.8G	lbs	1.44	Tracer 4EC	oz	5.76
GROWTH REGULATORS			Bt Cotton Fee	acre	26.40
Pix	oz	0.77	BT/RR Tech Fee	acre	33.80
HERBICIDES			BWE assessment (NE)	acre	15.00
2,4-d amine	pt	1.47	BWE Assessment (Red)	acre	10.00
2,4-D-LV4	pt	2.01	Ginning cost	lbs	0.08
2,4-DB	pt	3.03	Innoculant	bu	0.70
Arrosolo	Gal.	25.19	Insect scout	acre	9.00
Atrazine 4L	pt	1.29	Insect Scout (Bt)	acre	12.00
Basagran 4L	pt	8.71	Roundup tech fee	acre	7.40
Bicep	qt	8.26	Storage	bale	25.00
Bladex 4L	pt	3.71	Supply & misc	dol	1.00
Blazer 2L	pt	7.77	SEED		
Bolero	pt	6.11	Bt Cotton Seed	lb	1.03
Canopy 75DF	lbs	40.60	BT/RR Cotton Seed	lbs	1.15
Caparol 4L	qt	6.99	Corn seed	thou	0.88
Classic	oz	11.06	Corn seed (Bt)	thou	0.99
Command 3ME	pt	7.94	Cotton seed	lbs	0.88
Cotoran 4L	qt	8.65	Cotton seed (BZN)	lbs	1.50
Crop oil	pt	0.86	Cotton seed (RR)	lbs	1.15
DSMA 4L	pt	1.01	Milo seed	lbs	1.14
Dual 8E	pt	7.16	Ryegrass seed	lbs	0.32
Fusilade DX	pt	15.02	Seed treatment	bu	0.84
Goal 2XL	pt	11.05	Soybean seed	lbs	0.34
Gramoxone extra 2.5SL	pt	3.79	Soybean Seed (RR)	lbs	0.53
Harmony Extra	oz	11.56	Vetch seed	lbs	1.51
Karmex	lbs	4.33	Wheat seed	lbs	0.15
Lasso 4EC	pt	2.77	Wheat seed	lbs	0.12
Lexone 90DF	lbs	17.76	Winter peas seed	lbs	0.34

Appendix Table 5. Estimated costs per acre, overhead costs,
owner-operators, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
dollars				dollars	
DIRECT EXPENSES					
HIRED LABOR					
Other labor	hour	7.50	1.2700	9.52	_____
OTHER					
Farmstead & drainage	dol	1.00	4.2500	4.25	_____
Utilities	dol	1.00	4.7900	4.79	_____
Misc. overhead	dol	1.00	1.6000	1.60	_____
Insurance	dol	1.00	2.7300	2.73	_____
Property tax	dol	1.00	1.6000	1.60	_____
OPERATOR LABOR					
Tractors	hour	7.50	0.1650	1.23	_____
Self-Propelled Eq.	hour	7.50	1.5000	11.25	_____
shop bld.& equip.	hour	7.50	0.5800	4.35	_____
DIESEL FUEL					
Tractors	gal	1.17	0.4050	0.47	_____
GASOLINE					
Self-Propelled Eq.	gal	1.43	3.7500	5.36	_____
REPAIR & MAINTENANCE					
implements	acre	0.11	1.0000	0.11	_____
Tractors	acre	0.41	1.0000	0.41	_____
Self-Propelled Eq.	acre	2.86	1.0000	2.86	_____
shop bld.& equip.	acre	6.66	1.0000	6.66	_____
INTEREST ON OP. CAP.	acre	2.94	1.0000	2.94	_____

TOTAL DIRECT EXPENSES				60.17	_____
FIXED EXPENSES					
implements	acre	0.32	1.0000	0.32	_____
Tractors	acre	0.41	1.0000	0.41	_____
Self-Propelled Eq.	acre	7.08	1.0000	7.08	_____
shop bld.& equip.	acre	5.66	1.0000	5.66	_____

TOTAL FIXED EXPENSES				13.48	_____

TOTAL SPECIFIED EXPENSES				73.65	_____

Appendix Table 6. Estimated costs per acre, overhead costs,
tenant-operators, Louisiana, 2001.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
dollars				dollars	
DIRECT EXPENSES					
HIRED LABOR					
Other labor	hour	7.50	0.7600	5.70	_____
OTHER					
Farmstead & drainage	dol	1.00	1.5700	1.57	_____
Utilities	dol	1.00	2.8100	2.81	_____
Misc. overhead	dol	1.00	1.6000	1.60	_____
Insurance	dol	1.00	2.2900	2.29	_____
OPERATOR LABOR					
Tractors	hour	7.50	0.1650	1.23	_____
Self-Propelled Eq.	hour	7.50	1.5000	11.25	_____
shop bld.& equip.	hour	7.50	0.5800	4.35	_____
DIESEL FUEL					
Tractors	gal	1.17	0.4050	0.47	_____
GASOLINE					
Self-Propelled Eq.	gal	1.43	3.7500	5.36	_____
REPAIR & MAINTENANCE					
Implements	acre	0.11	1.0000	0.11	_____
Tractors	acre	0.41	1.0000	0.41	_____
Self-Propelled Eq.	acre	2.86	1.0000	2.86	_____
shop bld.& equip.	acre	6.66	1.0000	6.66	_____
INTEREST ON OP. CAP.	acre	2.45	1.0000	2.45	_____
TOTAL DIRECT EXPENSES				49.15	_____
FIXED EXPENSES					
Implements	acre	0.32	1.0000	0.32	_____
Tractors	acre	0.41	1.0000	0.41	_____
Self-Propelled Eq.	acre	7.08	1.0000	7.08	_____
shop bld.& equip.	acre	5.66	1.0000	5.66	_____
TOTAL FIXED EXPENSES				13.48	_____
TOTAL SPECIFIED EXPENSES				62.63	_____