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**PROJECTED COSTS AND RETURNS
COTTON, SOYBEANS, CORN, MILO AND WHEAT,
RED RIVER AND CENTRAL AREAS, LOUISIANA, 1997**

by

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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 choose to rent out the land rather than produce the enterprise.

Cotton Budgets

This report presents cotton budgets showing projected costs and returns for 1997 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. Budgets are presented for both solid and skip-row planting patterns. 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 \$55.00 per acre compared to \$40.38 for a four-row picker. These costs assume that the four-row machine will be used on approximately 770 acres while the two-row machine will be used on 345 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.

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Soybean Budgets

Budgets showing projected costs and returns for soybeans for 1997 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. A budget is also presented for soybeans planted with a grain drill.

Corn, Milo and Wheat Budgets

Budgets showing projected costs and returns for corn, milo and wheat for 1997 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 1997 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 1997 include the use of a module builder for a portion of the cotton harvested. A mandatory checkoff charge of \$2.31 per bale was included in the 1997 cotton budgets. This charge was based on a flat charge of one dollar per bale plus 0.5 percent of the loan 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 presented.

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, 1997.^A

Crop Description	Yield Per Acre ^B	Unit	Total Income	Returns			Total Fixed Expenses	Total Specified Expenses ^C	Returns Above Specified Expenses
				Total Direct Expenses	Above Direct Expenses	Total			
.....Dollars per unit.....									
Cotton, 6-row, solid	700	lbs. of Lint	526.88	402.66	124.22	71.80	474.46	52.43	
Cotton, 8-row, solid	700	lbs. of Lint	526.88	397.66	129.22	69.72	467.38	59.50	
Cotton, 6-row, skip	700	lbs. of Lint	526.88	367.22	159.66	61.53	428.75	98.13	
Cotton, 6-row, solid, (tenant) ^D	700	lbs. of Lint	421.50	390.77	30.73	70.40	461.17	(39.67)	

^A Cotton lint price of \$0.68 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, 1997.

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, skip	700	lbs. of lint	0.67	0.59	0.54	0.49	0.45
Cotton, 6-row, solid, (tenant) ^B	700	lbs. of lint	0.93	0.83	0.75	0.68	0.62
Prices required to recover direct expenses							
Cotton, 6-row, solid	700	lbs. of lint	0.62	0.55	0.50	0.45	0.42
Cotton, 8-row, solid	700	lbs. of lint	0.61	0.54	0.49	0.45	0.41
Cotton, 6-row, skip	700	lbs. of lint	0.56	0.50	0.45	0.41	0.37
Cotton, 6-row, solid, (tenant) ^B	700	lbs. of lint	0.77	0.69	0.62	0.56	0.52

^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, 1997.^A

Crop Description	Yield		Total Income	Total Direct Expenses	Returns			Returns Above Specified Expenses
	Per Acre	Unit			Above Direct Expenses	Total Fixed Expenses	Total Specified Expenses ^B	
.....Dollars per unit.....								
Soybeans, 6-row, sandy	30	bu	195.00	108.27	86.73	38.08	146.35	48.65
Soybeans, 8-row, sandy	30	bu	195.00	102.83	92.17	36.21	139.04	55.96
Soybeans, 6-row, clay	30	bu	195.00	102.03	92.97	33.76	135.79	59.21
Soybeans, 8-row, clay	30	bu	195.00	97.57	97.43	32.18	129.74	65.26
Soybeans, 6-row, clay (tenant)	30	bu	146.25	102.03	44.22	37.76	135.79	10.46
Soybeans, 6-row, clay (drilled) ^C	30	bu	195.00	108.98	86.02	29.07	138.05	56.95

^A Crop price used was \$6.50 per bu. for soybeans.

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

^C Assumes a soybean rental arrangement of 1/4 cropshare.

TABLE 4. Breakeven selling prices for Soybeans for selected yield levels, Red River and Central Areas, Louisiana, 1997.

Crop Description	Base Yield Unit	Yield Levels				
		-20%	-10%	Base	+10%	+20%
PRICES REQUIRED TO RECOVER TOTAL SPECIFIED EXPENSES						
Soybeans, 6-row, sandy	30 bu	6.10	5.42	4.88	4.43	4.06
Soybeans, 8-row, sandy	30 bu	5.79	5.15	4.63	4.21	3.86
Soybeans, 6-row, clay	30 bu	5.66	5.03	4.53	4.11	3.77
Soybeans, 8-row, clay	30 bu	5.41	4.81	4.32	3.93	3.60
Soybeans, 6-row, clay (tenant)	30 bu	7.54	6.71	6.04	5.49	5.03
Soybeans, 6-row, clay (drilled)	30 bu	5.75	5.11	4.60	4.18	3.83
PRICES REQUIRED TO RECOVER DIRECT EXPENSES						
Soybeans, 6-row, sandy	30 bu	4.51	4.01	3.61	3.28	3.01
Soybeans, 8-row, sandy	30 bu	4.28	3.81	3.43	3.12	2.86
Soybeans, 6-row, clay	30 bu	4.25	3.78	3.40	3.09	2.83
Soybeans, 8-row, clay	30 bu	4.07	3.61	3.25	2.96	2.71
Soybeans, 6-row, clay (tenant)	30 bu	5.67	5.04	4.53	4.12	3.78
Soybeans, 6-row, clay (drilled)	30 bu	4.54	4.04	3.63	3.30	3.03

^A Does not include land costs or overhead costs.

^B Tenant-operator budgets include land costs.

TABLE 5. A summary of projected costs and returns per acre for Wheat, Milo, and Corn production, Red River and Central Areas, Louisiana, 1997.^A

Crop Description	Yield		Total Income	Total Direct Expenses	Returns Above Direct Expenses	Total Fixed Expenses	Total Specified Expenses ^B	Returns Above Specified Expenses
	Per Acre	Unit						
.....Dollars per unit.....								
Soybeans - Wheat, (dbl. crop) 28 + 30	bu	30	330.00	187.53	142.47	52.10	239.63	90.37
Wheat (grain), 6-row, (drilled)	bu	40	148.00	82.11	65.89	27.53	109.64	38.36
Milo, 6-row	cwt	48	216.00	117.86	98.14	31.02	148.87	67.13
Corn grain, 6-row equip.	bu	120	324.00	220.53	103.47	43.19	264.43	59.57
Corn grain, 6-row equip. (tenant) ^C	bu	120	259.20	215.93	43.27	43.91	259.84	-0.64

^A Crop prices used were \$2.70 per bu. for corn, \$4.50 per cwt. for Milo, \$4.00 per bu. for wheat and \$6.50 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, 1997.

Crop Description	Base Yield	Unit	Yield Levels				
			-20%	-10%	Base	+10%	+20%
PRICES REQUIRED TO RECOVER TOTAL SPECIFIED EXPENSES							
Corn Grain, 6-row	120	bu	2.71	2.43	2.20	2.02	1.87
Corn Grain, 6-row, tenant	120	bu	3.33	2.99	2.71	2.48	2.29
Milo, 6-row	48	cwt	3.87	3.45	3.10	2.82	2.58
Wheat, 6-row, drilled	40	bu	3.42	3.05	2.74	2.49	2.28
PRICES REQUIRED TO RECOVER DIRECT EXPENSES							
Corn Grain, 6-row	120	bu	2.25	2.02	1.84	1.69	1.56
Corn Grain, 6-row, tenant	120	bu	2.77	2.48	2.25	2.06	1.90
Milo, 6-row	48	cwt	3.07	2.73	2.46	2.23	2.05
Wheat, 6-row, drilled	40	bu	2.57	2.28	2.05	1.87	1.71

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, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton lint	lbs	0.68	700.0000	476.00	_____
Cottonseed prod	lb	0.05	1085.0000	54.25	_____
Cotton checkoff	bale	2.31	-1.4580	-3.37	_____

TOTAL INCOME				526.88	_____
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol	acre	2.45	5.0000	12.25	_____
Airplane hi-vol	acre	3.40	1.0000	3.40	_____
DEFOLIANT					
Dropp	lbs	53.45	0.2000	10.69	_____
Prep	pt	5.25	1.3330	7.00	_____
FERTILIZER					
Nitrogen	lbs	0.26	80.0000	20.80	_____
Phosphate	lbs	0.21	40.0000	8.40	_____
Potash	lbs	0.12	50.0000	6.00	_____
FUNGICIDES					
TSX	lbs	1.95	10.0000	19.50	_____
HERBICIDES					
Treflan 4L	pt	3.75	1.5000	5.63	_____
Zorial 80DF	lbs	13.31	0.6000	7.99	_____
Cotoran 4L	qt	8.75	1.1000	9.63	_____
MSMA 6.6	pt	2.13	1.8000	3.83	_____
Surfactant	pt	1.34	0.8000	1.07	_____
Bladex 4L	pt	3.32	1.0000	3.32	_____
Fusilade DX	pt	13.80	0.4500	6.21	_____
Crop oil	pt	0.78	0.4500	0.35	_____
HIRED LABOR					
Other labor	hour	7.50	0.3550	2.66	_____
INSECTICIDES					
Temik 15G	lbs	2.90	3.3300	9.66	_____
Bidrin 8EC	pt	10.78	0.1000	1.08	_____
Baythroid	pt	48.15	0.2640	12.71	_____
Larvin 3.2	pt	6.24	1.8800	11.73	_____
Asana XL .66EC	pt	15.00	0.9700	14.55	_____
Curacron 8E	pt	12.55	1.7500	21.96	_____
Karate 1E	pt	25.63	0.2500	6.41	_____
Methyl parathion 4E	pt	3.16	2.5000	7.90	_____
OTHER					
Module hauling	bale	5.00	1.0200	5.10	_____
Ginning cost	lbs	0.08	700.0000	56.00	_____
Insect scout	acre	7.50	1.0000	7.50	_____
SEED					
Cotton seed	lbs	0.82	13.0000	10.66	_____
OPERATOR LABOR					
Implements	hour	7.50	0.1100	0.83	_____
Tractors	hour	7.50	2.7810	20.86	_____
Self-Propelled Eq.	hour	7.50	0.1452	1.09	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.3960	4.75	_____
DIESEL FUEL					
Tractors	gal	0.85	17.0830	14.52	_____
Self-Propelled Eq.	gal	0.85	4.1820	3.55	_____
GASOLINE					
Tractors	gal	1.20	0.6000	0.72	_____
REPAIR & MAINTENANCE					
Implements	acre	8.71	1.0000	8.71	_____
Tractors	acre	15.57	1.0000	15.57	_____
Self-Propelled Eq.	acre	23.00	1.0000	23.00	_____
INTEREST ON OP. CAP.	acre	15.08	1.0000	15.08	_____

TOTAL DIRECT EXPENSES				402.66	_____
RETURNS ABOVE DIRECT EXPENSES				124.22	_____
FIXED EXPENSES					
Implements	acre	13.61	1.0000	13.61	_____
Tractors	acre	23.15	1.0000	23.15	_____
Self-Propelled Eq.	acre	35.04	1.0000	35.04	_____

TOTAL FIXED EXPENSES				71.80	_____

TOTAL SPECIFIED EXPENSES				474.46	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				52.43	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	64.48	1.0000	64.48	_____
Land (Oppor. Cst.)RR	acre	75.00	1.0000	75.00	_____
RESIDUAL RETURNS				-87.05	_____

Table 7.B Estimated resource use and costs per acre for field operations
 Cotton, sandy soil, 6-row equipment, solid planted,
 owner-operators, Red River and Central Areas, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Subsoiler	3 shank	168	0.400	1.00	Jan	6.38	4.74	0.45	0.65	0.440	3.30				15.52
Disk	20 ft	143	0.100	1.00	Jan	1.38	1.02	0.55	0.78	0.110	0.83				4.56
Disk	20 ft	143	0.100	1.00	Mar	1.38	1.02	0.55	0.78	0.110	0.83				4.56
Fertilizer app (R)	20 ft	93	0.090	1.00	Apr	0.47	0.63		0.00	0.099	0.74				1.84
Nitrogen	lbs											80.0000	0.26	20.80	20.80
Phosphate	lbs											40.0000	0.21	8.40	8.40
Potash	lbs											50.0000	0.12	6.00	6.00
Disk + pre	20 ft	143	0.100	1.00	Apr	1.38	1.02	0.66	0.94	0.110	0.83				4.83
Treflan 4L	pt											1.5000	3.75	5.63	5.63
Zorial 80DF	lbs											0.6000	13.31	7.99	7.99
Hipper	20 ft	143	0.090	1.00	Apr	1.24	0.92	0.23	0.32	0.099	0.74				3.45
Conditioner	20 ft	143	0.090	1.00	Apr	1.24	0.92	0.43	0.54	0.099	0.74				3.88
Plant + pre	20 Ft	143	0.110	1.00	Apr	1.52	1.13	0.82	1.26	0.231	1.73				6.46
Cotoran 4L	qt											0.6000	8.75	5.25	5.25
Cotton seed	lbs											13.0000	0.82	10.66	10.66
Temik 15G	lbs											3.3300	2.90	9.66	9.66
TSX	lbs											10.0000	1.95	19.50	19.50
Other labor	hour											0.1200	7.50	0.90	0.90
Trailer utility	10 Ft	93	1.000	0.23	Apr	2.25	1.62	0.08	0.33	0.253	1.90				6.17
Ditcher rotary	1.5 ft	93	0.050	1.00	Apr	0.49	0.35	0.10	0.14	0.055	0.41				1.49
Cultivator	20 ft	143	0.100	1.00	May	1.38	1.02	0.26	0.38	0.110	0.83				3.87
Cultivate + Post	20 ft	143	0.110	1.00	May	1.52	1.13	0.39	0.55	0.121	0.91				4.49
Bidrin 8EC	pt											0.1000	10.78	1.08	1.08
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.49	0.35	0.10	0.14	0.055	0.41				1.49
Cultivate + Post	20 ft	143	0.110	1.00	Jun	1.52	1.13	0.39	0.55	0.121	0.91				4.49
MSMA 6.6	pt											0.9000	2.13	1.92	1.92
Cotoran 4L	qt											0.5000	8.75	4.38	4.38
Surfactant	pt											0.4000	1.34	0.54	0.54
Cultivate + Post	20 ft	143	0.110	1.00	Jun	1.52	1.13	0.39	0.55	0.121	0.91				4.49
MSMA 6.6	pt											0.9000	2.13	1.92	1.92
Bladex 4L	pt											1.0000	3.32	3.32	3.32
Surfactant	pt											0.4000	1.34	0.54	0.54
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.49	0.35	0.10	0.14	0.055	0.41				1.49
Boom sprayer	30 ft	93	0.060	1.00	Jul	0.59	0.42	0.14	0.15	0.066	0.50				1.79
Fusilade DX	pt											0.4500	13.80	6.21	6.21
Crop oil	pt											0.4500	0.78	0.35	0.35
Hi-cycle sprayer	60 Ft		0.033	2.00	Jul			1.10	1.75	0.073	0.54				3.39
Baythroid	pt											0.2640	48.15	12.71	12.71
Larvin 3.2	pt											0.9400	6.24	5.87	5.87
Hi-cycle sprayer	60 Ft		0.033	2.00	Aug			1.10	1.75	0.073	0.54				3.39
Asana XL .66EC	pt											0.9700	15.00	14.55	14.55
Larvin 3.2	pt											0.9400	6.24	5.87	5.87
Airplane lo-vol	acre			1.00	Aug							2.0000	2.45	4.90	4.90
Curacron 8E	pt											1.7500	12.55	21.96	21.96
Airplane lo-vol	acre			1.00	Sep							3.0000	2.45	7.35	7.35
Karate 1E	pt											0.2500	25.63	6.41	6.41
Methyl parathion 4E	pt											1.5000	3.16	4.74	4.74
Airplane hi-vol	acre			1.00	Oct							1.0000	3.40	3.40	3.40
Dropp	lbs											0.2000	53.45	10.69	10.69
Prep	pt											1.3330	5.25	7.00	7.00
Methyl parathion 4E	pt											1.0000	3.16	3.16	3.16
Cotton Picker	4 Row		0.260	1.00	Oct			17.59	22.79	0.286	3.43				43.81
Trailer cotton	10 bale	1\2 ton	1.000	0.24	Nov	1.13	0.97	0.35	0.57	0.240	1.80				4.82
Other labor	hour											0.1200	7.50	0.90	0.90
Module Builder	32 Ft	143	1.000	0.23	Nov	3.18	2.36	2.45	4.06	0.253	1.90				13.94
Other labor	hour											0.1150	7.50	0.86	0.86
Module hauling	bale			1.00	Nov							1.0200	5.00	5.10	5.10
Cotton Picker second	4 Row		0.200	0.50	Nov			6.77	8.76	0.110	1.32				16.85
Stalk cutter	13.3 ft	93	0.130	1.00	Nov	1.27	0.91	0.27	0.78	0.143	1.07				4.31
Ginning cost	lbs			1.00	Nov							700.0000	0.08	56.00	56.00
Insect scout	acre			1.00	Nov							1.0000	7.50	7.50	7.50
TOTALS						30.81	23.15	35.27	48.65	3.432	27.52			293.98	459.38
INTEREST ON OPERATING CAPITAL															15.08
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															474.46

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, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton lint	lbs	0.68	700.0000	476.00	_____
Cottonseed prod	lb	0.05	1085.0000	54.25	_____
Cotton checkoff	bale	2.31	-1.4580	-3.37	_____

TOTAL INCOME				526.88	_____
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol	acre	2.45	5.0000	12.25	_____
Airplane hi-vol	acre	3.40	1.0000	3.40	_____
DEFOLIANT					
Dropp	lbs	53.45	0.2000	10.69	_____
Prep	pt	5.25	1.3330	7.00	_____
FERTILIZER					
Nitrogen	lbs	0.26	80.0000	20.80	_____
Phosphate	lbs	0.21	40.0000	8.40	_____
Potash	lbs	0.12	50.0000	6.00	_____
FUNGICIDES					
TSX	lbs	1.95	10.0000	19.50	_____
HERBICIDES					
Treflan 4L	pt	3.75	1.5000	5.63	_____
Zorial 80DF	lbs	13.31	0.6000	7.99	_____
Cotoran 4L	qt	8.75	1.1000	9.63	_____
MSMA 6.6	pt	2.13	1.8000	3.83	_____
Surfactant	pt	1.34	0.8000	1.07	_____
Bladex 4L	pt	3.32	1.0000	3.32	_____
Fusilade DX	pt	13.80	0.4500	6.21	_____
Crop oil	pt	0.78	0.4500	0.35	_____
HIRED LABOR					
Other labor	hour	7.50	0.4750	3.56	_____
INSECTICIDES					
Temik 15G	lbs	2.90	3.3330	9.67	_____
Bidrin 8EC	pt	10.78	0.1000	1.08	_____
Baythroid	pt	48.15	0.2640	12.71	_____
Larvin 3.2	pt	6.24	1.8800	11.73	_____
Asana XL .66EC	pt	15.00	0.9700	14.55	_____
Curacron 8E	pt	12.55	1.7500	21.96	_____
Karate 1E	pt	25.63	0.2500	6.41	_____
Methyl parathion 4E	pt	3.16	2.5000	7.90	_____
OTHER					
Module hauling	bale	5.00	1.0200	5.10	_____
Ginning cost	lbs	0.08	700.0000	56.00	_____
Insect scout	acre	7.50	1.0000	7.50	_____
SEED					
Cotton seed	lbs	0.82	13.0000	10.66	_____
OPERATOR LABOR					
Tractors	hour	7.50	2.4840	18.63	_____
Self-Propelled Eq.	hour	7.50	0.1452	1.09	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.3960	4.75	_____
DIESEL FUEL					
Tractors	gal	0.85	16.0960	13.68	_____
Self-Propelled Eq.	gal	0.85	4.1820	3.55	_____
GASOLINE					
Tractors	gal	1.20	0.6000	0.72	_____
REPAIR & MAINTENANCE					
Implements	acre	8.35	1.0000	8.35	_____
Tractors	acre	14.27	1.0000	14.27	_____
Self-Propelled Eq.	acre	23.00	1.0000	23.00	_____
INTEREST ON OP. CAP.	acre	14.72	1.0000	14.72	_____
TOTAL DIRECT EXPENSES				397.66	_____
RETURNS ABOVE DIRECT EXPENSES				129.22	_____
FIXED EXPENSES					
Implements	acre	13.09	1.0000	13.09	_____
Tractors	acre	21.59	1.0000	21.59	_____
Self-Propelled Eq.	acre	35.04	1.0000	35.04	_____
TOTAL FIXED EXPENSES				69.72	_____
TOTAL SPECIFIED EXPENSES				467.38	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				59.50	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	64.48	1.0000	64.48	_____
Land (Oppor. Cst.)RR	acre	75.00	1.0000	75.00	_____
RESIDUAL RETURNS				-79.98	_____

Table 8.B Estimated resource use and costs per acre for field operations
 Cotton, sandy soil, 8-row equipment, solid planted,
 owner-operators, Red River and Central Areas, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Subsoiler	3 shank	168	0.400	1.00	Jan	6.38	4.74	0.45	0.65	0.440	3.30					15.52
Disk	26.6 ft	168	0.070	1.00	Jan	1.12	0.83	0.49	0.70	0.077	0.58					3.72
Disk	26.6 ft	168	0.070	1.00	Mar	1.12	0.83	0.49	0.70	0.077	0.58					3.72
Fertilizer app (R)	20 ft	93	0.090	1.00	Apr	0.47	0.63		0.00	0.099	0.74					1.84
Nitrogen	lbs											80.0000	0.26	20.80		20.80
Phosphate	lbs											40.0000	0.21	8.40		8.40
Potash	lbs											50.0000	0.12	6.00		6.00
Disk + pre	26.6 ft	168	0.070	1.00	Apr	1.12	0.83	0.57	0.81	0.077	0.58					3.90
Treflan 4L	pt											1.5000	3.75	5.63		5.63
Zorial 80DF	lbs											0.6000	13.31	7.99		7.99
Hipper	26.6 ft	168	0.070	1.00	Apr	1.12	0.83	0.23	0.33	0.077	0.58					3.08
Conditioner	26.6 Ft	168	0.070	1.00	Apr	1.12	0.83	0.39	0.49	0.077	0.58					3.39
Plant + pre	26.6 Ft	168	0.080	1.00	Apr	1.28	0.95	0.75	1.15	0.088	0.66					4.79
Cotoran 4L	qt											0.6000	8.75	5.25		5.25
Cotton seed	lbs											13.0000	0.82	10.66		10.66
Temik 15G	lbs											3.3330	2.90	9.67		9.67
TSX	lbs											10.0000	1.95	19.50		19.50
Other labor	hour											0.1200	7.50	0.90		0.90
Trailer utility	10 Ft	93	1.000	0.23	Apr	2.25	1.62	0.08	0.33	0.253	1.90					6.17
Ditcher rotary	1.5 ft	93	0.050	1.00	Apr	0.49	0.35	0.10	0.14	0.055	0.41					1.49
Cultivator	26.6 ft	168	0.080	1.00	May	1.28	0.95	0.27	0.38	0.088	0.66					3.53
Cultivate + Post	26.6 ft	168	0.080	1.00	May	1.28	0.95	0.37	0.53	0.088	0.66					3.78
Bidrin 8EC	pt											0.1000	10.78	1.08		1.08
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.49	0.35	0.10	0.14	0.055	0.41					1.49
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.28	0.95	0.37	0.53	0.088	0.66					3.78
MSMA 6.6	pt											0.9000	2.13	1.92		1.92
Cotoran 4L	qt											0.5000	8.75	4.38		4.38
Surfactant	pt											0.4000	1.34	0.54		0.54
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.28	0.95	0.37	0.53	0.088	0.66					3.78
MSMA 6.6	pt											0.9000	2.13	1.92		1.92
Bladex 4L	pt											1.0000	3.32	3.32		3.32
Surfactant	pt											0.4000	1.34	0.54		0.54
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.49	0.35	0.10	0.14	0.055	0.41					1.49
Boom sprayer	30 ft	93	0.060	1.00	Jul	0.59	0.42	0.14	0.15	0.066	0.50					1.79
Fusilade DX	pt											0.4500	13.80	6.21		6.21
Crop oil	pt											0.4500	0.78	0.35		0.35
Hi-cycle sprayer	60 Ft		0.033	2.00	Jul			1.10	1.75	0.073	0.54					3.39
Baythroid	pt											0.2640	48.15	12.71		12.71
Larvin 3.2	pt											0.9400	6.24	5.87		5.87
Hi-cycle sprayer	60 Ft		0.033	2.00	Aug			1.10	1.75	0.073	0.54					3.39
Asana XL .66EC	pt											0.9700	15.00	14.55		14.55
Larvin 3.2	pt											0.9400	6.24	5.87		5.87
Airplane lo-vol	acre			1.00	Aug							2.0000	2.45	4.90		4.90
Curacron 8E	pt											1.7500	12.55	21.96		21.96
Airplane lo-vol	acre			1.00	Sep							3.0000	2.45	7.35		7.35
Karate 1E	pt											0.2500	25.63	6.41		6.41
Methyl parathion 4E	pt											1.5000	3.16	4.74		4.74
Airplane hi-vol	acre			1.00	Oct							1.0000	3.40	3.40		3.40
Dropp	lbs											0.2000	53.45	10.69		10.69
Prep	pt											1.3330	5.25	7.00		7.00
Methyl parathion 4E	pt											1.0000	3.16	3.16		3.16
Cotton Picker	4 Row		0.260	1.00	Oct			17.59	22.79	0.286	3.43					43.81
Trailer cotton	10 bale	1\2 ton	1.000	0.24	Nov	1.13	0.97	0.35	0.57	0.240	1.80					4.82
Other labor	hour											0.2400	7.50	1.80		1.80
Module Builder	32 Ft	143	1.000	0.23	Nov	3.18	2.36	2.45	4.06	0.253	1.90					13.94
Other labor	hour											0.1150	7.50	0.86		0.86
Module hauling	bale			1.00	Nov							1.0200	5.00	5.10		5.10
Cotton Picker second	4 Row		0.200	0.50	Nov			6.77	8.76	0.110	1.32					16.85
Stalk cutter	13.3 ft	93	0.130	1.00	Nov	1.27	0.91	0.27	0.78	0.143	1.07					4.31
Ginning cost	lbs			1.00	Nov							700.0000	0.08	56.00		56.00
Insect scout	acre			1.00	Nov							1.0000	7.50	7.50		7.50
TOTALS						28.67	21.59	34.91	48.13	3.025	24.47			294.89		452.66
INTEREST ON OPERATING CAPITAL																14.72
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																467.38

Table 9.A Estimated costs and returns per acre
 Cotton, sandy soil, 6-row equipment, skip (2x1),
 owner-operators, Red River and Central Areas, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton lint	lbs	0.68	700.0000	476.00	_____
Cottonseed prod	lb	0.05	1085.0000	54.25	_____
Cotton checkoff	bale	2.31	-1.4580	-3.37	_____

TOTAL INCOME				526.88	_____
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol	acre	2.45	5.0000	12.25	_____
Airplane hi-vol	acre	3.40	1.0000	3.40	_____
DEFOLIANT					
Dropp	lbs	53.45	0.2000	10.69	_____
Prep	pt	5.25	1.3330	7.00	_____
FERTILIZER					
Nitrogen	lbs	0.26	64.0000	16.64	_____
Phosphate	lbs	0.21	32.0000	6.72	_____
Potash	lbs	0.12	40.0000	4.80	_____
FUNGICIDES					
TSX	lbs	1.95	7.5000	14.63	_____
HERBICIDES					
Treflan 4L	pt	3.75	1.5000	5.63	_____
Zorial 80DF	lbs	13.31	0.6000	7.99	_____
Cotoran 4L	qt	8.75	0.8250	7.22	_____
MSMA 6.6	pt	2.13	1.3500	2.88	_____
Surfactant	pt	1.34	0.6000	0.80	_____
Bladex 4L	pt	3.32	0.7500	2.49	_____
Fusilade DX	pt	13.80	0.4500	6.21	_____
Crop oil	pt	0.78	0.4500	0.35	_____
HIRED LABOR					
Other labor	hour	7.50	0.3550	2.66	_____
INSECTICIDES					
Temik 15G	lbs	2.90	2.5000	7.25	_____
Bidrin 8EC	pt	10.78	0.0750	0.81	_____
Baythroid	pt	48.15	0.2640	12.71	_____
Larvin 3.2	pt	6.24	1.8800	11.73	_____
Asana XL .66EC	pt	15.00	0.9700	14.55	_____
Curacron 8E	pt	12.55	1.7500	21.96	_____
Karate 1E	pt	25.63	0.2500	6.41	_____
Methyl parathion 4E	pt	3.16	2.5000	7.90	_____
OTHER					
Module hauling	bale	5.00	1.0200	5.10	_____
Ginning cost	lbs	0.08	700.0000	56.00	_____
Insect scout	acre	7.50	1.0000	7.50	_____
SEED					
Cotton seed	lbs	0.82	10.0000	8.20	_____
OPERATOR LABOR					
Tractors	hour	7.50	2.5913	19.43	_____
Self-Propelled Eq.	hour	7.50	0.1452	1.09	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2981	3.58	_____
DIESEL FUEL					
Tractors	gal	0.85	15.7735	13.41	_____
Self-Propelled Eq.	gal	0.85	3.3276	2.83	_____
GASOLINE					
Tractors	gal	1.20	0.6000	0.72	_____
REPAIR & MAINTENANCE					
Implements	acre	8.23	1.0000	8.23	_____
Tractors	acre	14.43	1.0000	14.43	_____
Self-Propelled Eq.	acre	17.71	1.0000	17.71	_____
INTEREST ON OP. CAP.	acre	13.33	1.0000	13.33	_____
TOTAL DIRECT EXPENSES				367.22	_____
RETURNS ABOVE DIRECT EXPENSES				159.66	_____
FIXED EXPENSES					
Implements	acre	12.80	1.0000	12.80	_____
Tractors	acre	21.49	1.0000	21.49	_____
Self-Propelled Eq.	acre	27.24	1.0000	27.24	_____
TOTAL FIXED EXPENSES				61.53	_____
TOTAL SPECIFIED EXPENSES				428.75	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				98.13	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	64.48	1.0000	64.48	_____
Land (Oppor. Cst.)RR	acre	75.00	1.0000	75.00	_____
RESIDUAL RETURNS				-41.35	_____

Table 9.B Estimated resource use and costs per acre for field operations
 Cotton, sandy soil, 6-row equipment, skip (2x1),
 owner-operators, Red River and Central Areas, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Subsoiler	3 shank	168	0.400	1.00	Jan	6.38	4.74	0.45	0.65	0.440	3.30					15.52
Disk	20 ft	143	0.100	1.00	Jan	1.38	1.02	0.55	0.78	0.110	0.83					4.56
Disk	20 ft	143	0.100	1.00	Mar	1.38	1.02	0.55	0.78	0.110	0.83					4.56
Fertilizer app (R)	20 ft	93	0.090	1.00	Apr	0.47	0.63		0.00	0.099	0.74					1.84
Nitrogen	lbs											64.0000	0.26	16.64		16.64
Phosphate	lbs											32.0000	0.21	6.72		6.72
Potash	lbs											40.0000	0.12	4.80		4.80
Disk + pre	20 ft	143	0.100	1.00	Apr	1.38	1.02	0.66	0.94	0.110	0.83					4.83
Treflan 4L	pt											1.5000	3.75	5.63		5.63
Zorial 80DF	lbs											0.6000	13.31	7.99		7.99
Hipper	20 ft	143	0.090	1.00	Apr	1.24	0.92	0.23	0.32	0.099	0.74					3.45
Conditioner	20 ft	143	0.090	1.00	Apr	1.24	0.92	0.43	0.54	0.099	0.74					3.88
Plant + Pre (2x1)	26.6 ft	143	0.080	1.00	Apr	1.11	0.82	0.64	0.99	0.088	0.66					4.21
Cotoran 4L	qt											0.4500	8.75	3.94		3.94
Cotton seed	lbs											10.0000	0.82	8.20		8.20
Temik 15G	lbs											2.5000	2.90	7.25		7.25
TSX	lbs											7.5000	1.95	14.63		14.63
Other labor	hour											0.1200	7.50	0.90		0.90
Trailer utility	10 Ft	93	1.000	0.23	Apr	2.25	1.62	0.08	0.33	0.253	1.90					6.17
Ditcher rotary	1.5 ft	93	0.050	1.00	Apr	0.49	0.35	0.10	0.14	0.055	0.41					1.49
Cultivator (2x1)skip	26.6 ft	143	0.080	1.00	May	1.11	0.82	0.24	0.34	0.088	0.66					3.16
Cult + Post(2x1)skip	26.6 ft	143	0.080	1.00	May	1.11	0.82	0.32	0.45	0.088	0.66					3.35
Bidrin 8EC	pt											0.0750	10.78	0.81		0.81
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.49	0.35	0.10	0.14	0.055	0.41					1.49
Cult + Post(2x1)skip	26.6 ft	143	0.080	1.00	Jun	1.11	0.82	0.32	0.45	0.088	0.66					3.35
MSMA 6.6	pt											0.6750	2.13	1.44		1.44
Cotoran 4L	qt											0.3750	8.75	3.28		3.28
Surfactant	pt											0.3000	1.34	0.40		0.40
Cult + Post(2x1)skip	26.6 ft	143	0.080	1.00	Jun	1.11	0.82	0.32	0.45	0.088	0.66					3.35
MSMA 6.6	pt											0.6750	2.13	1.44		1.44
Bladex 4L	pt											0.7500	3.32	2.49		2.49
Surfactant	pt											0.3000	1.34	0.40		0.40
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.49	0.35	0.10	0.14	0.055	0.41					1.49
Boom sprayer	30 ft	93	0.060	1.00	Jul	0.59	0.42	0.14	0.15	0.066	0.50					1.79
Fusilade DX	pt											0.4500	13.80	6.21		6.21
Crop oil	pt											0.4500	0.78	0.35		0.35
Hi-cycle sprayer	60 Ft		0.033	2.00	Jul			1.10	1.75	0.073	0.54					3.39
Baythroid	pt											0.2640	48.15	12.71		12.71
Larvin 3.2	pt											0.9400	6.24	5.87		5.87
Hi-cycle sprayer	60 Ft		0.033	2.00	Aug			1.10	1.75	0.073	0.54					3.39
Asana XL .66EC	pt											0.9700	15.00	14.55		14.55
Larvin 3.2	pt											0.9400	6.24	5.87		5.87
Airplane lo-vol	acre			1.00	Aug							2.0000	2.45	4.90		4.90
Curacron 8E	pt											1.7500	12.55	21.96		21.96
Airplane lo-vol	acre			1.00	Sep							3.0000	2.45	7.35		7.35
Karate 1E	pt											0.2500	25.63	6.41		6.41
Methyl parathion 4E	pt											1.5000	3.16	4.74		4.74
Airplane hi-vol	acre			1.00	Oct							1.0000	3.40	3.40		3.40
Dropp	lbs											0.2000	53.45	10.69		10.69
Prep	pt											1.3330	5.25	7.00		7.00
Methyl parathion 4E	pt											1.0000	3.16	3.16		3.16
Cotton Picker	4 Row		0.260	0.75	Oct			13.19	17.09	0.215	2.57					32.86
Trailer cotton	10 bale	1\2 ton	1.000	0.24	Nov	1.13	0.97	0.35	0.57	0.240	1.80					4.82
Other labor	hour											0.1200	7.50	0.90		0.90
Module Builder	32 Ft	143	1.000	0.23	Nov	3.18	2.36	2.45	4.06	0.253	1.90					13.94
Other labor	hour											0.1150	7.50	0.86		0.86
Module hauling	bale			1.00	Nov							1.0200	5.00	5.10		5.10
Cotton Picker second	4 Row		0.200	0.38	Nov			5.14	6.66	0.084	1.00					12.81
Stalk cutter	13.3 ft	93	0.130	0.75	Nov	0.95	0.68	0.21	0.59	0.107	0.80					3.23
Ginning cost	lbs			1.00	Nov							700.0000	0.08	56.00		56.00
Insect scout	acre			1.00	Nov							1.0000	7.50	7.50		7.50
TOTALS						28.56	21.49	28.76	40.05	3.035	24.10			272.47		415.42
INTEREST ON OPERATING CAPITAL																13.33
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																428.75

Table 10.A Estimated costs and returns per acre
 Cotton, sandy soil, 6-row equipment, solid planted,
 tenant-operators, Red River and Central Areas, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton lint	lbs	0.68	700.0000	476.00	_____
Cottonseed prod	lb	0.05	1085.0000	54.25	_____
Lint share rent	lbs	0.68	-140.0000	-95.20	_____
Seed share rent	lbs	0.05	-217.0000	-10.85	_____
Cotton checkoff	bale	2.31	-1.1670	-2.70	_____

TOTAL INCOME				421.50	_____
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol	acre	2.45	5.0000	12.25	_____
Airplane hi-vol	acre	3.40	1.0000	3.40	_____
DEFOLIANT					
Dropp	lbs	53.45	0.2000	10.69	_____
Prep	pt	5.25	1.3330	7.00	_____
FERTILIZER					
Nitrogen	lbs	0.26	80.0000	20.80	_____
Phosphate	lbs	0.21	40.0000	8.40	_____
Potash	lbs	0.12	50.0000	6.00	_____
FUNGICIDES					
TSX	lbs	1.95	10.0000	19.50	_____
HERBICIDES					
Treflan 4L	pt	3.75	1.5000	5.63	_____
Zorial 80DF	lbs	13.31	0.6000	7.99	_____
Cotoran 4L	qt	8.75	1.1000	9.63	_____
MSMA 6.6	pt	2.13	1.8000	3.83	_____
Surfactant	pt	1.34	0.8000	1.07	_____
Bladex 4L	pt	3.32	1.0000	3.32	_____
Fusilade DX	pt	13.80	0.4500	6.21	_____
Crop oil	pt	0.78	0.4500	0.35	_____
HIRED LABOR					
Other labor	hour	7.50	0.4700	3.53	_____
INSECTICIDES					
Temik 15G	lbs	2.90	3.3300	9.66	_____
Bidrin 8EC	pt	10.78	0.1000	1.08	_____
Baythroid	pt	48.15	0.2640	12.71	_____
Larvin 3.2	pt	6.24	1.8800	11.73	_____
Asana XL .66EC	pt	15.00	0.9700	14.55	_____
Curacron 8E	pt	12.55	1.7500	21.96	_____
Karate 1E	pt	25.63	0.2500	6.41	_____
Methyl parathion 4E	pt	3.16	2.5000	7.90	_____
OTHER					
Module hauling	bale	5.00	1.0200	5.10	_____
Ginning cost	lbs	0.08	560.0000	44.80	_____
Insect scout	acre	7.50	1.0000	7.50	_____
SEED					
Cotton seed	lbs	0.82	13.0000	10.66	_____
OPERATOR LABOR					
Implements	hour	7.50	0.1100	0.83	_____
Tractors	hour	7.50	2.7810	20.86	_____
Self-Propelled Eq.	hour	7.50	0.1452	1.09	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.3960	4.75	_____
DIESEL FUEL					
Tractors	gal	0.85	16.1860	13.76	_____
Self-Propelled Eq.	gal	0.85	4.1820	3.55	_____
GASOLINE					
Tractors	gal	1.20	0.6000	0.72	_____
REPAIR & MAINTENANCE					
Implements	acre	8.71	1.0000	8.71	_____
Tractors	acre	14.88	1.0000	14.88	_____
Self-Propelled Eq.	acre	23.00	1.0000	23.00	_____
INTEREST ON OP. CAP.	acre	14.98	1.0000	14.98	_____

TOTAL DIRECT EXPENSES				390.77	_____
RETURNS ABOVE DIRECT EXPENSES				30.73	_____
FIXED EXPENSES					
Implements	acre	13.61	1.0000	13.61	_____
Tractors	acre	21.75	1.0000	21.75	_____
Self-Propelled Eq.	acre	35.04	1.0000	35.04	_____

TOTAL FIXED EXPENSES				70.40	_____

TOTAL SPECIFIED EXPENSES				461.17	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-39.67	_____
ALLOCATED COST ITEMS					
Overhead (tenant)	acre	53.46	1.0000	53.46	_____
RESIDUAL RETURNS				-93.13	_____

Table 10.B Estimated resource use and costs per acre for field operations
Cotton, sandy soil, 6-row equipment, solid planted,
tenant-operators, Red River and Central Areas, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Subsoiler	3 shank	168	0.400	1.00	Jan	6.38	4.74	0.45	0.65	0.440	3.30				15.52
Disk	20 ft	143	0.100	1.00	Jan	1.38	1.02	0.55	0.78	0.110	0.83				4.56
Disk	20 ft	143	0.100	1.00	Mar	1.38	1.02	0.55	0.78	0.110	0.83				4.56
Fertilizer app (R)	20 ft	93	0.090	1.00	Apr	0.47	0.63		0.00	0.099	0.74				1.84
Nitrogen	lbs											80.0000	0.26	20.80	20.80
Phosphate	lbs											40.0000	0.21	8.40	8.40
Potash	lbs											50.0000	0.12	6.00	6.00
Disk + pre	20 ft	143	0.100	1.00	Apr	1.38	1.02	0.66	0.94	0.110	0.83				4.83
Treflan 4L	pt											1.5000	3.75	5.63	5.63
Zoxial 80DF	lbs											0.6000	13.31	7.99	7.99
Hipper	20 ft	143	0.090	1.00	Apr	1.24	0.92	0.23	0.32	0.099	0.74				3.45
Conditioner	20 ft	143	0.090	1.00	Apr	1.24	0.92	0.43	0.54	0.099	0.74				3.88
Plant + pre	20 Ft	143	0.110	1.00	Apr	1.52	1.13	0.82	1.26	0.231	1.73				6.46
Cotoran 4L	qt											0.6000	8.75	5.25	5.25
Cotton seed	lbs											13.0000	0.82	10.66	10.66
Temik 15G	lbs											3.3300	2.90	9.66	9.66
TSX	lbs											10.0000	1.95	19.50	19.50
Other labor	hour											0.1200	7.50	0.90	0.90
Trailer utility	10 Ft	93	1.000	0.23	Apr	2.25	1.62	0.08	0.33	0.253	1.90				6.17
Ditcher rotary	1.5 ft	93	0.050	1.00	Apr	0.49	0.35	0.10	0.14	0.055	0.41				1.49
Cultivator	20 ft	143	0.100	1.00	May	1.38	1.02	0.26	0.38	0.110	0.83				3.87
Cultivate + Post	20 ft	143	0.110	1.00	May	1.52	1.13	0.39	0.55	0.121	0.91				4.49
Bidrin 8EC	pt											0.1000	10.78	1.08	1.08
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.49	0.35	0.10	0.14	0.055	0.41				1.49
Cultivate + Post	20 ft	143	0.110	1.00	Jun	1.52	1.13	0.39	0.55	0.121	0.91				4.49
MSMA 6.6	pt											0.9000	2.13	1.92	1.92
Cotoran 4L	qt											0.5000	8.75	4.38	4.38
Surfactant	pt											0.4000	1.34	0.54	0.54
Cultivate + Post	20 ft	143	0.110	1.00	Jun	1.52	1.13	0.39	0.55	0.121	0.91				4.49
MSMA 6.6	pt											0.9000	2.13	1.92	1.92
Bladex 4L	pt											1.0000	3.32	3.32	3.32
Surfactant	pt											0.4000	1.34	0.54	0.54
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.49	0.35	0.10	0.14	0.055	0.41				1.49
Boom sprayer	30 ft	93	0.060	1.00	Jul	0.59	0.42	0.14	0.15	0.066	0.50				1.79
Fusilade DX	pt											0.4500	13.80	6.21	6.21
Crop oil	pt											0.4500	0.78	0.35	0.35
Hi-cycle sprayer	60 Ft		0.033	2.00	Jul			1.10	1.75	0.073	0.54				3.39
Baythroid	pt											0.2640	48.15	12.71	12.71
Larvin 3.2	pt											0.9400	6.24	5.87	5.87
Hi-cycle sprayer	60 Ft		0.033	2.00	Aug			1.10	1.75	0.073	0.54				3.39
Asana XL .66EC	pt											0.9700	15.00	14.55	14.55
Larvin 3.2	pt											0.9400	6.24	5.87	5.87
Airplane lo-vol	acre			1.00	Aug							2.0000	2.45	4.90	4.90
Curacron 8E	pt											1.7500	12.55	21.96	21.96
Airplane lo-vol	acre			1.00	Sep							3.0000	2.45	7.35	7.35
Karate 1E	pt											0.2500	25.63	6.41	6.41
Methyl parathion 4E	pt											1.5000	3.16	4.74	4.74
Airplane hi-vol	acre			1.00	Oct							1.0000	3.40	3.40	3.40
Drop	lbs											0.2000	53.45	10.69	10.69
Prep	pt											1.3330	5.25	7.00	7.00
Methyl parathion 4E	pt											1.0000	3.16	3.16	3.16
Cotton Picker	4 Row		0.260	1.00	Oct			17.59	22.79	0.286	3.43				43.81
Trailer cotton	10 bale	1\2 ton	1.000	0.24	Nov	1.13	0.97	0.35	0.57	0.240	1.80				4.82
Other labor	hour											0.1200	7.50	0.90	0.90
Module Builder	32 Ft	68	1.000	0.23	Nov	1.73	0.96	2.45	4.06	0.253	1.90				11.09
Other labor	hour											0.2300	7.50	1.73	1.73
Module hauling	bale			1.00	Nov							1.0200	5.00	5.10	5.10
Cotton Picker second	4 Row		0.200	0.50	Nov			6.77	8.76	0.110	1.32				16.85
Stalk cutter	13.3 ft	93	0.130	1.00	Nov	1.27	0.91	0.27	0.78	0.143	1.07				4.31
Ginning cost	lbs			1.00	Nov							560.0000	0.08	44.80	44.80
Insect scout	acre			1.00	Nov							1.0000	7.50	7.50	7.50
TOTALS						29.36	21.75	35.27	48.65	3.432	27.52			283.64	446.19
INTEREST ON OPERATING CAPITAL															14.98
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															461.17

Table 11.A Estimated costs and returns per acre
 Soybeans, sandy soil, 6-row equipment, (38 inch rows),
 owner-operators, Red River and Central Areas, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybean	bu	6.50	30.0000	195.00	_____
TOTAL INCOME				195.00	_____
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol	acre	2.45	1.0000	2.45	_____
HERBICIDES					
Treflan 4L	pt	3.75	1.5000	5.63	_____
Scepter 70 DG	oz	6.21	2.8000	17.39	_____
2,4-DB	pt	3.27	0.5000	1.64	_____
Fusilade DX	pt	13.80	0.2500	3.45	_____
Crop oil	pt	0.78	0.2500	0.20	_____
HIRED LABOR					
Other labor	hour	7.50	0.4700	3.53	_____
INSECTICIDES					
Methyl parathion 4E	pt	3.16	1.0000	3.16	_____
SEED					
Soybean seed	lbs	0.30	50.0000	15.00	_____
OPERATOR LABOR					
Implements	hour	7.50	0.1100	0.83	_____
Tractors	hour	7.50	1.2980	9.73	_____
Self-Propelled Eq.	hour	7.50	0.3500	2.63	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2750	3.30	_____
DIESEL FUEL					
Tractors	gal	0.85	8.9910	7.64	_____
Self-Propelled Eq.	gal	0.85	1.7750	1.51	_____
GASOLINE					
Self-Propelled Eq.	gal	1.20	1.7500	2.10	_____
REPAIR & MAINTENANCE					
Implements	acre	4.97	1.0000	4.97	_____
Tractors	acre	7.81	1.0000	7.81	_____
Self-Propelled Eq.	acre	10.99	1.0000	10.99	_____
INTEREST ON OP. CAP.	acre	4.34	1.0000	4.34	_____
TOTAL DIRECT EXPENSES				108.27	_____
RETURNS ABOVE DIRECT EXPENSES				86.73	_____
FIXED EXPENSES					
Implements	acre	6.96	1.0000	6.96	_____
Tractors	acre	11.41	1.0000	11.41	_____
Self-Propelled Eq.	acre	19.70	1.0000	19.70	_____
TOTAL FIXED EXPENSES				38.08	_____
TOTAL SPECIFIED EXPENSES				146.35	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				48.65	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	64.48	1.0000	64.48	_____
Land (Oppor. Cst.)RR	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				-45.83	_____

Table 11.B Estimated resource use and costs per acre for field operations
 Soybeans, sandy soil, 6-row equipment, (38 inch rows),
 owner-operators, Red River and Central Areas, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
V- Ripper	7 shank	143	0.170	1.00	Jan	2.35	1.74	0.65	0.84	0.187	1.40				6.98
Disk	20 ft	143	0.100	1.00	Jan	1.38	1.02	0.55	0.78	0.110	0.83				4.56
Disk	20 ft	143	0.100	1.00	Apr	1.38	1.02	0.55	0.78	0.110	0.83				4.56
Disk + pre	20 ft	143	0.100	1.00	Apr	1.38	1.02	0.66	0.94	0.110	0.83				4.83
Treflan 4L	pt											1.5000	3.75	5.63	5.63
Hipper	20 ft	143	0.090	1.00	Apr	1.24	0.92	0.23	0.32	0.099	0.74				3.45
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.49	0.35	0.10	0.14	0.055	0.41				1.49
Conditioner	20 ft	143	0.090	1.00	May	1.24	0.92	0.43	0.54	0.099	0.74				3.88
Plant + pre	20 Ft	143	0.110	1.00	May	1.52	1.13	0.82	1.26	0.231	1.73				6.46
Scepter 70 DG	oz											2.8000	6.21	17.39	17.39
Soybean seed	lbs											50.0000	0.30	15.00	15.00
Other labor	hour											0.1200	7.50	0.90	0.90
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.49	0.35	0.10	0.14	0.055	0.41				1.49
Cultivator	20 ft	143	0.100	1.00	Jun	1.38	1.02	0.26	0.38	0.110	0.83				3.87
Cultivate + Post	20 ft	143	0.110	1.00	Jun	1.52	1.13	0.39	0.55	0.121	0.91				4.49
2,4-DB	pt											0.5000	3.27	1.64	1.64
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.49	0.35	0.10	0.14	0.055	0.41				1.49
Boom sprayer	30 ft	93	0.060	1.00	Jun	0.59	0.42	0.14	0.15	0.066	0.50				1.79
Fusilade DX	pt											0.2500	13.80	3.45	3.45
Crop oil	pt											0.2500	0.78	0.20	0.20
Airplane lo-vol	acre			1.00	Aug							1.0000	2.45	2.45	2.45
Methyl parathion 4E	pt											1.0000	3.16	3.16	3.16
Combine medium	20 Ft		0.250	1.00	Oct			10.88	15.65	0.275	3.30				29.83
Truck	5 ton		1.000	0.35	Oct			3.72	4.05	0.350	2.63				10.40
Other labor	hour											0.3500	7.50	2.63	2.63
TOTALS						15.45	11.41	19.57	26.67	2.033	16.49			52.43	142.02
INTEREST ON OPERATING CAPITAL															4.34
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															146.35

Table 12.A Estimated costs and returns per acre
 Soybeans, sandy soil, 8-row equipment, (38 inch rows),
 owner-operators, Red River and Central Areas, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybean	bu	6.50	30.0000	195.00	_____

TOTAL INCOME				195.00	_____
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol	acre	2.45	1.0000	2.45	_____
HERBICIDES					
Treflan 4L	pt	3.75	1.5000	5.63	_____
Scepter 70 DG	oz	6.21	2.8000	17.39	_____
2,4-DB	pt	3.27	0.5000	1.64	_____
Fusilade DX	pt	13.80	0.2500	3.45	_____
Crop oil	pt	0.78	0.2500	0.20	_____
HIRED LABOR					
Other labor	hour	7.50	0.4700	3.53	_____
INSECTICIDES					
Methyl parathion 4E	pt	3.16	1.0000	3.16	_____
SEED					
Soybean seed	lbs	0.30	50.0000	15.00	_____
OPERATOR LABOR					
Tractors	hour	7.50	1.0230	7.67	_____
Self-Propelled Eq.	hour	7.50	0.3500	2.63	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2750	3.30	_____
DIESEL FUEL					
Tractors	gal	0.85	8.1180	6.90	_____
Self-Propelled Eq.	gal	0.85	1.7750	1.51	_____
GASOLINE					
Self-Propelled Eq.	gal	1.20	1.7500	2.10	_____
REPAIR & MAINTENANCE					
Implements	acre	4.64	1.0000	4.64	_____
Tractors	acre	6.63	1.0000	6.63	_____
Self-Propelled Eq.	acre	10.99	1.0000	10.99	_____
INTEREST ON OP. CAP.	acre	4.03	1.0000	4.03	_____

TOTAL DIRECT EXPENSES				102.83	_____
RETURNS ABOVE DIRECT EXPENSES				92.17	_____
FIXED EXPENSES					
Implements	acre	6.50	1.0000	6.50	_____
Tractors	acre	10.01	1.0000	10.01	_____
Self-Propelled Eq.	acre	19.70	1.0000	19.70	_____

TOTAL FIXED EXPENSES				36.21	_____

TOTAL SPECIFIED EXPENSES				139.04	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				55.96	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	64.48	1.0000	64.48	_____
Land (Oppor. Cst.)RR	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				-38.52	_____

Table 12.B Estimated resource use and costs per acre for field operations
Soybeans, sandy soil, 8-row equipment, (38 inch rows),
owner-operators, Red River and Central Areas, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
V-Ripper	9 shank	168	0.130	1.00	Jan	2.07	1.54	0.65	0.84	0.143	1.07					6.18
Disk	26.6 ft	168	0.070	1.00	Jan	1.12	0.83	0.49	0.70	0.077	0.58					3.72
Disk	26.6 ft	168	0.070	1.00	Apr	1.12	0.83	0.49	0.70	0.077	0.58					3.72
Disk + pre	26.6 ft	168	0.070	1.00	Apr	1.12	0.83	0.57	0.81	0.077	0.58					3.90
Treflan 4L	pt											1.5000	3.75	5.63		5.63
Hipper	26.6 ft	168	0.070	1.00	Apr	1.12	0.83	0.23	0.33	0.077	0.58					3.08
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.49	0.35	0.10	0.14	0.055	0.41					1.49
Conditioner	26.6 Ft	168	0.070	1.00	May	1.12	0.83	0.39	0.49	0.077	0.58					3.39
Plant + pre	26.6 Ft	168	0.080	1.00	May	1.28	0.95	0.75	1.15	0.088	0.66					4.79
Scepter 70 DG	oz											2.8000	6.21	17.39		17.39
Soybean seed	lbs											50.0000	0.30	15.00		15.00
Other labor	hour											0.1200	7.50	0.90		0.90
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.49	0.35	0.10	0.14	0.055	0.41					1.49
Cultivator	26.6 ft	168	0.080	1.00	Jun	1.28	0.95	0.27	0.38	0.088	0.66					3.53
Cultivate + Post	26.6 ft	168	0.080	1.00	Jun	1.28	0.95	0.37	0.53	0.088	0.66					3.78
2,4-DB	pt											0.5000	3.27	1.64		1.64
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.49	0.35	0.10	0.14	0.055	0.41					1.49
Boom sprayer	30 ft	93	0.060	1.00	Jun	0.59	0.42	0.14	0.15	0.066	0.50					1.79
Fusilade DX	pt											0.2500	13.80	3.45		3.45
Crop oil	pt											0.2500	0.78	0.20		0.20
Airplane lo-vol	acre			1.00	Aug							1.0000	2.45	2.45		2.45
Methyl parathion 4E	pt											1.0000	3.16	3.16		3.16
Combine medium	20 Ft		0.250	1.00	Oct			10.88	15.65	0.275	3.30					29.83
Truck	5 ton		1.000	0.35	Oct			3.72	4.05	0.350	2.63					10.40
Other labor	hour											0.3500	7.50	2.63		2.63
TOTALS						13.53	10.01	19.24	26.20	1.648	13.60			52.43		135.01
INTEREST ON OPERATING CAPITAL																4.03
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																139.04

Table 13.A Estimated costs and returns per acre
 Soybeans, clay soil, 6-row equipment, (38 inch rows),
 owner-operators, Red River and Central Areas, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybean	bu	6.50	30.0000	195.00	_____

TOTAL INCOME				195.00	_____
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol	acre	2.45	1.0000	2.45	_____
HERBICIDES					
Treflan 4L	pt	3.75	2.0000	7.50	_____
Scepter 70 DG	oz	6.21	2.8000	17.39	_____
2,4-DB	pt	3.27	0.5000	1.64	_____
Fusilade DX	pt	13.80	0.2500	3.45	_____
Crop oil	pt	0.78	0.2500	0.20	_____
HIRED LABOR					
Other labor	hour	7.50	0.4700	3.53	_____
INSECTICIDES					
Methyl parathion 4E	pt	3.16	1.0000	3.16	_____
SEED					
Soybean seed	lbs	0.30	50.0000	15.00	_____
OPERATOR LABOR					
Implements	hour	7.50	0.1100	0.83	_____
Tractors	hour	7.50	0.9570	7.18	_____
Self-Propelled Eq.	hour	7.50	0.3500	2.63	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2750	3.30	_____
DIESEL FUEL					
Tractors	gal	0.85	6.6150	5.62	_____
Self-Propelled Eq.	gal	0.85	1.7750	1.51	_____
GASOLINE					
Self-Propelled Eq.	gal	1.20	1.7500	2.10	_____
REPAIR & MAINTENANCE					
Implements	acre	4.00	1.0000	4.00	_____
Tractors	acre	5.75	1.0000	5.75	_____
Self-Propelled Eq.	acre	10.99	1.0000	10.99	_____
INTEREST ON OP. CAP.	acre	3.83	1.0000	3.83	_____
TOTAL DIRECT EXPENSES				102.03	_____
RETURNS ABOVE DIRECT EXPENSES				92.97	_____
FIXED EXPENSES					
Implements	acre	5.66	1.0000	5.66	_____
Tractors	acre	8.40	1.0000	8.40	_____
Self-Propelled Eq.	acre	19.70	1.0000	19.70	_____
TOTAL FIXED EXPENSES				33.76	_____
TOTAL SPECIFIED EXPENSES				135.79	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				59.21	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	64.48	1.0000	64.48	_____
Land (Oppor. Cst.)RR	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				-35.27	_____

Table 13.B Estimated resource use and costs per acre for field operations
 Soybeans, clay soil, 6-row equipment, (38 inch rows),
 owner-operators, Red River and Central Areas, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Disk	20 ft	143	0.100	2.00	Apr	2.76	2.05	1.10	1.57	0.220	1.65				9.13	
Disk + pre	20 ft	143	0.100	1.00	Apr	1.38	1.02	0.66	0.94	0.110	0.83				4.83	
Treflan 4L	pt											2.0000	3.75	7.50	7.50	
Conditioner	20 ft	143	0.090	1.00	May	1.24	0.92	0.43	0.54	0.099	0.74				3.88	
Plant + pre	20 ft	143	0.110	1.00	May	1.52	1.13	0.82	1.26	0.231	1.73				6.46	
Scepter 70 DG	oz											2.8000	6.21	17.39	17.39	
Soybean seed	lbs											50.0000	0.30	15.00	15.00	
Other labor	hour											0.1200	7.50	0.90	0.90	
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.49	0.35	0.10	0.14	0.055	0.41				1.49	
Cultivator	20 ft	143	0.100	1.00	Jun	1.38	1.02	0.26	0.38	0.110	0.83				3.87	
Cultivate + Post	20 ft	143	0.110	1.00	Jun	1.52	1.13	0.39	0.55	0.121	0.91				4.49	
2,4-DB	pt											0.5000	3.27	1.64	1.64	
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.49	0.35	0.10	0.14	0.055	0.41				1.49	
Boom sprayer	30 ft	93	0.060	1.00	Jun	0.59	0.42	0.14	0.15	0.066	0.50				1.79	
Fusillade DX	pt											0.2500	13.80	3.45	3.45	
Crop oil	pt											0.2500	0.78	0.20	0.20	
Airplane lo-vol	acre			1.00	Aug							1.0000	2.45	2.45	2.45	
Methyl parathion 4E	pt											1.0000	3.16	3.16	3.16	
Combine medium	20 Ft		0.250	1.00	Oct			10.88	15.65	0.275	3.30				29.83	
Truck	5 ton		1.000	0.35	Oct			3.72	4.05	0.350	2.63				10.40	
Other labor	hour											0.3500	7.50	2.63	2.63	
TOTALS								11.37	8.40	18.60	25.36	1.692	13.93		54.30	131.96
INTEREST ON OPERATING CAPITAL																3.83
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																135.79

Table 14.A Estimated costs and returns per acre
 Soybeans, clay soil, 8-row equipment, (38 inch rows),
 owner-operators, Red River and Central Areas, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybean	bu	6.50	30.0000	195.00	_____

TOTAL INCOME				195.00	_____
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol	acre	2.45	1.0000	2.45	_____
HERBICIDES					
Treflan 4L	pt	3.75	2.0000	7.50	_____
Scepter 70 DG	oz	6.21	2.8000	17.39	_____
2,4-DB	pt	3.27	0.5000	1.64	_____
Fusilade DX	pt	13.80	0.2500	3.45	_____
Crop oil	pt	0.78	0.2500	0.20	_____
HIRED LABOR					
Other labor	hour	7.50	0.4700	3.53	_____
INSECTICIDES					
Methyl parathion 4E	pt	3.16	1.0000	3.16	_____
SEED					
Soybean seed	lbs	0.30	50.0000	15.00	_____
OPERATOR LABOR					
Tractors	hour	7.50	0.7480	5.61	_____
Self-Propelled Eq.	hour	7.50	0.3500	2.63	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2750	3.30	_____
DIESEL FUEL					
Tractors	gal	0.85	5.9080	5.02	_____
Self-Propelled Eq.	gal	0.85	1.7750	1.51	_____
GASOLINE					
Self-Propelled Eq.	gal	1.20	1.7500	2.10	_____
REPAIR & MAINTENANCE					
Implements	acre	3.66	1.0000	3.66	_____
Tractors	acre	4.83	1.0000	4.83	_____
Self-Propelled Eq.	acre	10.99	1.0000	10.99	_____
INTEREST ON OP. CAP.	acre	3.61	1.0000	3.61	_____
TOTAL DIRECT EXPENSES				97.57	_____
RETURNS ABOVE DIRECT EXPENSES				97.43	_____
FIXED EXPENSES					
Implements	acre	5.19	1.0000	5.19	_____
Tractors	acre	7.29	1.0000	7.29	_____
Self-Propelled Eq.	acre	19.70	1.0000	19.70	_____
TOTAL FIXED EXPENSES				32.18	_____
TOTAL SPECIFIED EXPENSES				129.74	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				65.26	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	64.48	1.0000	64.48	_____
Land (Oppor. Cst.)RR	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				-29.22	_____

Table 14.B Estimated resource use and costs per acre for field operations
 Soybeans, clay soil, 8-row equipment, (38 inch rows),
 owner-operators, Red River and Central Areas, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Disk	26.6 ft	168	0.070	2.00	Apr	2.23	1.66	0.99	1.40	0.154	1.16					7.43
Disk + pre Treflan 4L	26.6 ft	168	0.070	1.00	Apr	1.12	0.83	0.57	0.81	0.077	0.58	2.0000	3.75	7.50		3.90
Conditioner	26.6 Ft	168	0.070	1.00	May	1.12	0.83	0.39	0.49	0.077	0.58					7.50
Plant + pre	26.6 Ft	168	0.080	1.00	May	1.28	0.95	0.75	1.15	0.088	0.66					3.39
Scepter 70 DG	oz											2.8000	6.21	17.39		4.79
Soybean seed	lbs											50.0000	0.30	15.00		17.39
Other labor	hour											0.1200	7.50	0.90		15.00
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.49	0.35	0.10	0.14	0.055	0.41					0.90
Cultivator	26.6 ft	168	0.080	1.00	Jun	1.28	0.95	0.27	0.38	0.088	0.66					1.49
Cultivate + Post 2,4-DB	26.6 ft	168	0.080	1.00	Jun	1.28	0.95	0.37	0.53	0.088	0.66	0.5000	3.27	1.64		3.53
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.49	0.35	0.10	0.14	0.055	0.41					3.78
Boom sprayer	30 ft	93	0.060	1.00	Jun	0.59	0.42	0.14	0.15	0.066	0.50					1.64
Fusilade DX	pt											0.2500	13.80	3.45		1.49
Crop oil	pt											0.2500	0.78	0.20		1.79
Airplane lo-vol	acre			1.00	Aug							1.0000	2.45	2.45		3.45
Methyl parathion 4E	pt											1.0000	3.16	3.16		0.20
Combine medium	20 Ft		0.250	1.00	Oct			10.88	15.65	0.275	3.30					2.45
Truck	5 ton		1.000	0.35	Oct			3.72	4.05	0.350	2.63					3.16
Other labor	hour											0.3500	7.50	2.63		29.83
TOTALS						9.85	7.29	18.27	24.89	1.373	11.54					10.40
INTEREST ON OPERATING CAPITAL																2.63
UNALLOCATED LABOR																3.61
TOTAL SPECIFIED COST																0.00
																129.74

Table 15.A Estimated costs and returns per acre
 Soybeans, clay soil, 6-row equipment, (38 inch rows),
 Tenant-operators, Red River and Central Areas, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybean	bu	6.50	30.0000	195.00	_____
Land share rent	bu	6.50	-7.5000	-48.75	_____

TOTAL INCOME				146.25	_____
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol	acre	2.45	1.0000	2.45	_____
HERBICIDES					
Treflan 4L	pt	3.75	2.0000	7.50	_____
Scepter 70 DG	oz	6.21	2.8000	17.39	_____
2,4-DB	pt	3.27	0.5000	1.64	_____
Fusilade DX	pt	13.80	0.2500	3.45	_____
Crop oil	pt	0.78	0.2500	0.20	_____
HIRED LABOR					
Other labor	hour	7.50	0.4700	3.53	_____
INSECTICIDES					
Methyl parathion 4E	pt	3.16	1.0000	3.16	_____
SEED					
Soybean seed	lbs	0.30	50.0000	15.00	_____
OPERATOR LABOR					
Implements	hour	7.50	0.1100	0.83	_____
Tractors	hour	7.50	0.9570	7.18	_____
Self-Propelled Eq.	hour	7.50	0.3500	2.63	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2750	3.30	_____
DIESEL FUEL					
Tractors	gal	0.85	6.6150	5.62	_____
Self-Propelled Eq.	gal	0.85	1.7750	1.51	_____
GASOLINE					
Self-Propelled Eq.	gal	1.20	1.7500	2.10	_____
REPAIR & MAINTENANCE					
Implements	acre	4.00	1.0000	4.00	_____
Tractors	acre	5.75	1.0000	5.75	_____
Self-Propelled Eq.	acre	10.99	1.0000	10.99	_____
INTEREST ON OP. CAP.	acre	3.83	1.0000	3.83	_____

TOTAL DIRECT EXPENSES				102.03	_____
RETURNS ABOVE DIRECT EXPENSES				44.22	_____
FIXED EXPENSES					
Implements	acre	5.66	1.0000	5.66	_____
Tractors	acre	8.40	1.0000	8.40	_____
Self-Propelled Eq.	acre	19.70	1.0000	19.70	_____

TOTAL FIXED EXPENSES				33.76	_____

TOTAL SPECIFIED EXPENSES				135.79	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				10.46	_____
ALLOCATED COST ITEMS					
Overhead (tenant)	acre	53.46	1.0000	53.46	_____
RESIDUAL RETURNS				-43.00	_____

Table 15.B Estimated resource use and costs per acre for field operations
 Soybeans, clay soil, 6-row equipment, (38 inch rows),
 Tenant-operators, Red River and Central Areas, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Disk	20 ft	143	0.100	2.00	Apr	2.76	2.05	1.10	1.57	0.220	1.65					9.13
Disk + pre	20 ft	143	0.100	1.00	Apr	1.38	1.02	0.66	0.94	0.110	0.83					4.83
Treflan 4L	pt											2.0000	3.75	7.50		7.50
Conditioner	20 ft	143	0.090	1.00	May	1.24	0.92	0.43	0.54	0.099	0.74					3.88
Plant + pre	20 Ft	143	0.110	1.00	May	1.52	1.13	0.82	1.26	0.231	1.73					6.46
Scepter 70 DG	oz											2.8000	6.21	17.39		17.39
Soybean seed	lbs											50.0000	0.30	15.00		15.00
Other labor	hour											0.1200	7.50	0.90		0.90
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.49	0.35	0.10	0.14	0.055	0.41					1.49
Cultivator	20 ft	143	0.100	1.00	Jun	1.38	1.02	0.26	0.38	0.110	0.83					3.87
Cultivate + Post	20 ft	143	0.110	1.00	Jun	1.52	1.13	0.39	0.55	0.121	0.91					4.49
2,4-DB	pt											0.5000	3.27	1.64		1.64
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.49	0.35	0.10	0.14	0.055	0.41					1.49
Boom sprayer	30 ft	93	0.060	1.00	Jun	0.59	0.42	0.14	0.15	0.066	0.50					1.79
Fusilade DX	pt											0.2500	13.80	3.45		3.45
Crop oil	pt											0.2500	0.78	0.20		0.20
Airplane lo-vol	acre			1.00	Aug							1.0000	2.45	2.45		2.45
Methyl parathion 4E	pt											1.0000	3.16	3.16		3.16
Combine medium	20 Ft		0.250	1.00	Oct			10.88	15.65	0.275	3.30					29.83
Truck	5 ton		1.000	0.35	Oct			3.72	4.05	0.350	2.63					10.40
Other labor	hour											0.3500	7.50	2.63		2.63
TOTALS						11.37	8.40	18.60	25.36	1.692	13.93			54.30		131.96
INTEREST ON OPERATING CAPITAL																3.83
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																135.79

Table 16.A Estimated costs and returns per acre
Soybeans, clay soil, 6-row equipment, drill planted,
owner-operators, Red River and Central Areas, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybean	bu	6.50	30.0000	195.00	_____

TOTAL INCOME				195.00	_____
DIRECT EXPENSES					
CUSTOM					
Airplane hi-vol	acre	3.40	1.0000	3.40	_____
Airplane lo-vol	acre	2.45	1.0000	2.45	_____
HERBICIDES					
Treflan 4L	pt	3.75	2.0000	7.50	_____
Scepter 70 DG	oz	6.21	2.8000	17.39	_____
Blazer 2L	pt	7.19	1.0000	7.19	_____
Surfactant	pt	1.34	0.4000	0.54	_____
HIRED LABOR					
Other labor	hour	7.50	1.3500	10.13	_____
INSECTICIDES					
Methyl parathion 4E	pt	3.16	1.0000	3.16	_____
SEED					
Soybean seed	lbs	0.30	60.0000	18.00	_____
OPERATOR LABOR					
Tractors	hour	7.50	0.5940	4.46	_____
Self-Propelled Eq.	hour	7.50	0.3500	2.63	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2750	3.30	_____
DIESEL FUEL					
Tractors	gal	0.85	4.2390	3.60	_____
Self-Propelled Eq.	gal	0.85	1.7750	1.51	_____
GASOLINE					
Self-Propelled Eq.	gal	1.20	1.7500	2.10	_____
REPAIR & MAINTENANCE					
Implements	acre	2.82	1.0000	2.82	_____
Tractors	acre	3.65	1.0000	3.65	_____
Self-Propelled Eq.	acre	10.99	1.0000	10.99	_____
INTEREST ON OP. CAP.	acre	4.18	1.0000	4.18	_____

TOTAL DIRECT EXPENSES				108.98	_____
RETURNS ABOVE DIRECT EXPENSES				86.02	_____
FIXED EXPENSES					
Implements	acre	4.00	1.0000	4.00	_____
Tractors	acre	5.37	1.0000	5.37	_____
Self-Propelled Eq.	acre	19.70	1.0000	19.70	_____

TOTAL FIXED EXPENSES				29.07	_____

TOTAL SPECIFIED EXPENSES				138.05	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				56.95	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	64.48	1.0000	64.48	_____
Land (Oppor. Cst.)RR	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				-37.53	_____

Table 16.B Estimated resource use and costs per acre for field operations
 Soybeans, clay soil, 6-row equipment, drill planted,
 owner-operators, Red River and Central Areas, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk	20 ft	143	0.100	2.00	Apr	2.76	2.05	1.10	1.57	0.220	1.65				9.13
Disk + pre	20 ft	143	0.100	1.00	Apr	1.38	1.02	0.66	0.94	0.110	0.83				4.83
Treflan 4L	pt											2.0000	3.75	7.50	7.50
Conditioner	20 ft	143	0.090	1.00	May	1.24	0.92	0.43	0.54	0.099	0.74				3.88
Grain drill	20 ft	143	0.100	1.00	May	1.38	1.02	0.53	0.81	0.110	0.83				4.57
Soybean seed	lbs											60.0000	0.30	18.00	18.00
Other labor	hour											1.0000	7.50	7.50	7.50
Scepter 70 DG	oz											2.8000	6.21	17.39	17.39
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.49	0.35	0.10	0.14	0.055	0.41				1.49
Airplane hi-vol	acre			1.00	Jun							1.0000	3.40	3.40	3.40
Blazer 2L	pt											1.0000	7.19	7.19	7.19
Surfactant	pt											0.4000	1.34	0.54	0.54
Airplane lo-vol	acre			1.00	Aug							1.0000	2.45	2.45	2.45
Methyl parathion 4E	pt											1.0000	3.16	3.16	3.16
Combine medium	20 Ft		0.250	1.00	Oct			10.88	15.65	0.275	3.30				29.83
Truck	5 ton		1.000	0.35	Oct			3.72	4.05	0.350	2.63				10.40
Other labor	hour											0.3500	7.50	2.63	2.63
TOTALS						7.26	5.37	17.42	23.70	1.219	10.38			69.75	133.88
INTEREST ON OPERATING CAPITAL															4.18
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															138.05

Table 17.A Estimated costs and returns per acre
Wheat and Soybeans, double crop, 6-row equipment,
owner-operators, Red River and Central Areas, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Wheat	bu	3.70	40.0000	148.00	_____
Soybean	bu	6.50	28.0000	182.00	_____
TOTAL INCOME				330.00	_____
DIRECT EXPENSES					
CUSTOM					
Airplane seed	acre	4.05	1.0000	4.05	_____
Airplane Fert	acre	4.10	1.0000	4.10	_____
Airplane lo-vol	acre	2.45	1.0000	2.45	_____
FERTILIZER					
Nitrogen	lbs	0.26	80.0000	20.80	_____
HERBICIDES					
Lasso	pt	3.23	3.0000	9.69	_____
Scepter 70 DG	oz	6.21	2.8000	17.39	_____
2,4-DB	pt	3.27	0.5000	1.64	_____
HIRED LABOR					
Other labor	hour	7.50	0.8200	6.15	_____
INSECTICIDES					
Methyl parathion 4E	pt	3.16	1.0000	3.16	_____
SEED					
Wheat seed	lbs	0.25	100.0000	25.00	_____
Soybean seed	lbs	0.30	50.0000	15.00	_____
OPERATOR LABOR					
Implements	hour	7.50	0.1100	0.83	_____
Tractors	hour	7.50	1.1550	8.66	_____
Self-Propelled Eq.	hour	7.50	0.7000	5.25	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.5500	6.60	_____
DIESEL FUEL					
Tractors	gal	0.85	8.1000	6.88	_____
Self-Propelled Eq.	gal	0.85	3.5500	3.02	_____
GASOLINE					
Self-Propelled Eq.	gal	1.20	3.5000	4.20	_____
REPAIR & MAINTENANCE					
Implements	acre	4.83	1.0000	4.83	_____
Tractors	acre	7.01	1.0000	7.01	_____
Self-Propelled Eq.	acre	21.99	1.0000	21.99	_____
INTEREST ON OP. CAP.	acre	8.84	1.0000	8.84	_____
TOTAL DIRECT EXPENSES				187.53	_____
RETURNS ABOVE DIRECT EXPENSES				142.47	_____
FIXED EXPENSES					
Implements	acre	6.82	1.0000	6.82	_____
Tractors	acre	10.27	1.0000	10.27	_____
Self-Propelled Eq.	acre	35.01	1.0000	35.01	_____
TOTAL FIXED EXPENSES				52.10	_____
TOTAL SPECIFIED EXPENSES				239.63	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				90.37	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	64.48	1.0000	64.48	_____
Land (Oppor. Cst.)	acre	65.00	1.0000	65.00	_____
RESIDUAL RETURNS				-39.11	_____

Table 17.B Estimated resource use and costs per acre for field operations
Wheat and Soybeans, double crop, 6-row equipment,
owner-operators, Red River and Central Areas, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk	20 ft	143	0.100	2.00	Oct	2.76	2.05	1.10	1.57	0.220	1.65				9.13
Airplane seed	acre			1.00	Oct							1.0000	4.05	4.05	4.05
Wheat seed	lbs											100.0000	0.25	25.00	25.00
Conditioner	20 ft	143	0.090	1.00	Oct	1.24	0.92	0.43	0.54	0.099	0.74				3.88
Ditcher rotary	1.5 ft	93	0.050	1.00	Oct	0.49	0.35	0.10	0.14	0.055	0.41				1.49
Airplane Fert	acre			1.00	Feb							1.0000	4.10	4.10	4.10
Nitrogen	lbs											80.0000	0.26	20.80	20.80
Combine double crop	20 Ft		0.250	1.00	May			10.88	13.45	0.275	3.30				27.63
Truck	5 ton		1.000	0.35	May			3.72	4.05	0.350	2.63				10.40
Other labor	hour											0.3500	7.50	2.63	2.63
Disk	20 ft	143	0.100	2.00	May	2.76	2.05	1.10	1.57	0.220	1.65				9.13
Conditioner	20 ft	143	0.090	1.00	Jun	1.24	0.92	0.43	0.54	0.099	0.74				3.88
Plant + pre	20 Ft	143	0.110	1.00	Jun	1.52	1.13	0.82	1.26	0.231	1.73				6.46
Lasso	pt											3.0000	3.23	9.69	9.69
Soybean seed	lbs											50.0000	0.30	15.00	15.00
Other labor	hour											0.1200	7.50	0.90	0.90
Scepter 70 DG	oz											2.8000	6.21	17.39	17.39
Ditcher rotary	1.5 ft	93	0.050	1.00	Jun	0.49	0.35	0.10	0.14	0.055	0.41				1.49
Cultivator	20 ft	143	0.100	1.00	Jun	1.38	1.02	0.26	0.38	0.110	0.83				3.87
Cultivate + Post	20 ft	143	0.110	1.00	Jul	1.52	1.13	0.39	0.55	0.121	0.91				4.49
2,4-DB	pt											0.5000	3.27	1.64	1.64
Ditcher rotary	1.5 ft	93	0.050	1.00	Jul	0.49	0.35	0.10	0.14	0.055	0.41				1.49
Airplane lo-vol	acre			1.00	Aug							1.0000	2.45	2.45	2.45
Methyl parathion 4E	pt											1.0000	3.16	3.16	3.16
Combine double crop	20 Ft		0.250	1.00	Sep			10.88	13.45	0.275	3.30				27.63
Truck	5 ton		1.000	0.35	Sep			3.72	4.05	0.350	2.63				10.40
Other labor	hour											0.3500	7.50	2.63	2.63
TOTALS						13.90	10.27	34.03	41.83	2.515	21.34			109.42	230.79
INTEREST ON OPERATING CAPITAL															8.84
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															239.63

Table 18.A Estimated costs and returns per acre
Wheat, 6-row equipment, drill planted, owner-operators,
Red River and Central Areas, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Wheat	bu	3.70	40.0000	148.00	_____

TOTAL INCOME				148.00	_____
DIRECT EXPENSES					
FERTILIZER					
Nitrogen	lbs	0.26	80.0000	20.80	_____
HIRED LABOR					
Other labor	hour	7.50	0.3500	2.63	_____
SEED					
Wheat seed	lbs	0.25	90.0000	22.50	_____
OPERATOR LABOR					
Tractors	hour	7.50	0.5500	4.13	_____
Self-Propelled Eq.	hour	7.50	0.3500	2.63	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2750	3.30	_____
DIESEL FUEL					
Tractors	gal	0.85	3.4290	2.91	_____
Self-Propelled Eq.	gal	0.85	1.7750	1.51	_____
GASOLINE					
Self-Propelled Eq.	gal	1.20	1.7500	2.10	_____
REPAIR & MAINTENANCE					
Implements	acre	2.16	1.0000	2.16	_____
Tractors	acre	3.27	1.0000	3.27	_____
Self-Propelled Eq.	acre	10.99	1.0000	10.99	_____
INTEREST ON OP. CAP.	acre	3.19	1.0000	3.19	_____

TOTAL DIRECT EXPENSES				82.11	_____
RETURNS ABOVE DIRECT EXPENSES				65.89	_____
FIXED EXPENSES					
Implements	acre	3.06	1.0000	3.06	_____
Tractors	acre	4.77	1.0000	4.77	_____
Self-Propelled Eq.	acre	19.70	1.0000	19.70	_____

TOTAL FIXED EXPENSES				27.53	_____

TOTAL SPECIFIED EXPENSES				109.64	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				38.36	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	64.48	1.0000	64.48	_____
Land (Oppor. Cst.)RR	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				-56.12	_____

Table 18.B Estimated resource use and costs per acre for field operations
Wheat, 6-row equipment, drill planted, owner-operators,
Red River and Central Areas, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk	20 ft	143	0.100	2.00	Oct	2.76	2.05	1.10	1.57	0.220	1.65				9.13
Conditioner	20 ft	143	0.090	1.00	Oct	1.24	0.92	0.43	0.54	0.099	0.74				3.88
Grain drill	20 ft	143	0.100	1.00	Oct	1.38	1.02	0.53	0.81	0.110	0.83				4.57
Wheat seed	lbs											90.0000	0.25	22.50	22.50
Ditcher rotary	1.5 ft	93	0.050	1.00	Oct	0.49	0.35	0.10	0.14	0.055	0.41				1.49
Fertilizer buggy (R)	30 ft	93	0.060	1.00	Feb	0.31	0.42		0.00	0.066	0.50				1.23
Nitrogen	lbs											80.0000	0.26	20.80	20.80
Combine medium	20 Ft		0.250	1.00	May			10.88	15.65	0.275	3.30				29.83
Truck	5 ton		1.000	0.35	May			3.72	4.05	0.350	2.63				10.40
Other labor	hour											0.3500	7.50	2.63	2.63
TOTALS						6.19	4.77	16.76	22.76	1.175	10.05			45.93	106.45
INTEREST ON OPERATING CAPITAL															3.19
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															109.64

Table 19.A Estimated costs and returns per acre
Milo, 6-row equipment, (38 inch rows), owner-operators,
Red River and Central Areas, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Milo	Cwt	4.50	48.0000	216.00	_____

TOTAL INCOME				216.00	_____
DIRECT EXPENSES					
CUSTOM					
Airplane lo-vol	acre	2.45	1.0000	2.45	_____
FERTILIZER					
Nitrogen	lbs	0.26	120.0000	31.20	_____
HERBICIDES					
Lasso	pt	3.23	6.0000	19.38	_____
Atrazine 4L	pt	1.35	4.0000	5.40	_____
HIRED LABOR					
Other labor	hour	7.50	0.4700	3.53	_____
INSECTICIDES					
Lorsban	pt	5.75	1.0000	5.75	_____
SEED					
Milo seed	lbs	0.85	8.0000	6.80	_____
OPERATOR LABOR					
Tractors	hour	7.50	0.8470	6.35	_____
Self-Propelled Eq.	hour	7.50	0.3500	2.63	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.2750	3.30	_____
DIESEL FUEL					
Tractors	gal	0.85	5.2380	4.45	_____
Self-Propelled Eq.	gal	0.85	1.7750	1.51	_____
GASOLINE					
Self-Propelled Eq.	gal	1.20	1.7500	2.10	_____
REPAIR & MAINTENANCE					
Implements	acre	2.84	1.0000	2.84	_____
Tractors	acre	5.00	1.0000	5.00	_____
Self-Propelled Eq.	acre	10.99	1.0000	10.99	_____
INTEREST ON OP. CAP.	acre	4.17	1.0000	4.17	_____

TOTAL DIRECT EXPENSES				117.86	_____
RETURNS ABOVE DIRECT EXPENSES				98.14	_____
FIXED EXPENSES					
Implements	acre	4.04	1.0000	4.04	_____
Tractors	acre	7.28	1.0000	7.28	_____
Self-Propelled Eq.	acre	19.70	1.0000	19.70	_____

TOTAL FIXED EXPENSES				31.02	_____

TOTAL SPECIFIED EXPENSES				148.87	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				67.13	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	64.48	1.0000	64.48	_____
RESIDUAL RETURNS					
Land (Oppor. Cst.)RR	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS					
				-27.35	_____

Table 19.B Estimated resource use and costs per acre for field operations
Milo, 6-row equipment, (38 inch rows), owner-operators,
Red River and Central Areas, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Disk	20 ft	143	0.100	2.00	Apr	2.76	2.05	1.10	1.57	0.220	1.65					9.13
Conditioner	20 ft	143	0.090	1.00	Apr	1.24	0.92	0.43	0.54	0.099	0.74					3.88
Planter	20 Ft	143	0.090	1.00	Apr	1.24	0.92	0.58	0.90	0.099	0.74					4.39
Milo seed	lbs											8.0000	0.85	6.80		6.80
Other labor	hour											0.1200	7.50	0.90		0.90
Lasso	pt											6.0000	3.23	19.38		19.38
Atrazine 4L	pt											4.0000	1.35	5.40		5.40
Ditcher rotary	1.5 ft	93	0.050	1.00	Apr	0.49	0.35	0.10	0.14	0.055	0.41					1.49
Fertilizer app (R)	20 ft	93	0.090	1.00	May	0.47	0.63		0.00	0.099	0.74					1.84
Nitrogen	lbs											120.0000	0.26	31.20		31.20
Cultivator	20 ft	143	0.100	1.00	May	1.38	1.02	0.26	0.38	0.110	0.83					3.87
Ditcher rotary	1.5 ft	93	0.050	1.00	May	0.49	0.35	0.10	0.14	0.055	0.41					1.49
Cultivator	20 ft	143	0.100	1.00	Jun	1.38	1.02	0.26	0.38	0.110	0.83					3.87
Airplane lo-vol	acre			1.00	Jul							1.0000	2.45	2.45		2.45
Lorsban	pt											1.0000	5.75	5.75		5.75
Combine medium	20 Ft		0.250	1.00	Sep			10.88	15.65	0.275	3.30					29.83
Truck	5 ton		1.000	0.35	Sep			3.72	4.05	0.350	2.63					10.40
Other labor	hour											0.3500	7.50	2.63		2.63
TOTALS						9.46	7.28	17.44	23.74	1.472	12.28				74.51	144.70
INTEREST ON OPERATING CAPITAL																4.17
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																148.87

Table 20.A Estimated costs and returns per acre
 Corn, sandy soil, 6-row equipment, (38 inch rows),
 owner-operators, Red River and Central Areas, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Corn	bu	2.70	120.0000	324.00	_____
TOTAL INCOME				324.00	_____
DIRECT EXPENSES					
CUSTOM					
Drying Charge	bu	0.19	120.0000	22.80	_____
FERTILIZER					
Lime (spread)	ton	32.00	0.2500	8.00	_____
Nitrogen	lbs	0.26	200.0000	52.00	_____
Phosphate	lbs	0.21	50.0000	10.50	_____
Potash	lbs	0.12	70.0000	8.40	_____
HERBICIDES					
Atrazine 4L	pt	1.35	2.0000	2.70	_____
Lasso	pt	3.23	3.0000	9.69	_____
HIRED LABOR					
Other labor	hour	7.50	0.4000	3.00	_____
INSECTICIDES					
Counter 20G	lbs	1.85	5.0000	9.25	_____
SEED					
Corn seed	thou	0.93	29.0000	26.97	_____
OPERATOR LABOR					
Implements	hour	7.50	0.1100	0.83	_____
Tractors	hour	7.50	1.6500	12.38	_____
Self-Propelled Eq.	hour	7.50	0.4000	3.00	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.3080	3.70	_____
DIESEL FUEL					
Tractors	gal	0.85	9.8550	8.38	_____
Self-Propelled Eq.	gal	0.85	1.4560	1.24	_____
GASOLINE					
Self-Propelled Eq.	gal	1.20	2.0000	2.40	_____
REPAIR & MAINTENANCE					
Implements	acre	5.07	1.0000	5.07	_____
Tractors	acre	9.43	1.0000	9.43	_____
Self-Propelled Eq.	acre	12.77	1.0000	12.77	_____
INTEREST ON OP. CAP.	acre	8.04	1.0000	8.04	_____
TOTAL DIRECT EXPENSES				220.53	_____
RETURNS ABOVE DIRECT EXPENSES				103.47	_____
FIXED EXPENSES					
Implements	acre	7.45	1.0000	7.45	_____
Tractors	acre	13.59	1.0000	13.59	_____
Self-Propelled Eq.	acre	22.86	1.0000	22.86	_____
TOTAL FIXED EXPENSES				43.91	_____
TOTAL SPECIFIED EXPENSES				264.43	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				59.57	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	64.48	1.0000	64.48	_____
Land (Oppor. Cst.)	acre	65.00	1.0000	65.00	_____
RESIDUAL RETURNS				-69.91	_____

Table 20.B Estimated resource use and costs per acre for field operations
 Corn, sandy soil, 6-row equipment, (38 inch rows),
 owner-operators, Red River and Central Areas, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Jan							0.2500	32.00	8.00	8.00
V- Ripper	7 shank	143	0.170	1.00	Jan	2.35	1.74	0.65	0.84	0.187	1.40				6.98
Disk	20 ft	143	0.100	1.00	Feb	1.38	1.02	0.55	0.78	0.110	0.83				4.56
Fertilizer buggy (R)	30 ft	93	0.060	1.00	Mar	0.31	0.42		0.00	0.066	0.50				1.23
Nitrogen	lbs											60.0000	0.26	15.60	15.60
Phosphate	lbs											50.0000	0.21	10.50	10.50
Potash	lbs											70.0000	0.12	8.40	8.40
Hipper	20 ft	143	0.090	1.00	Mar	1.24	0.92	0.23	0.32	0.099	0.74				3.45
Ditcher rotary	1.5 ft	93	0.050	1.00	Mar	0.49	0.35	0.10	0.14	0.055	0.41				1.49
Hipper	20 ft	143	0.090	1.00	Mar	1.24	0.92	0.23	0.32	0.099	0.74				3.45
Conditioner	20 ft	143	0.090	1.00	Mar	1.24	0.92	0.43	0.54	0.099	0.74				3.88
Plant + pre	20 Ft	143	0.110	1.00	Mar	1.52	1.13	0.82	1.26	0.231	1.73				6.46
Corn seed	thou											29.0000	0.93	26.97	26.97
Atrazine 4L	pt											2.0000	1.35	2.70	2.70
Lasso	pt											3.0000	3.23	9.69	9.69
Counter 20G	lbs											5.0000	1.85	9.25	9.25
Ditcher rotary	1.5 ft	93	0.050	1.00	Mar	0.49	0.35	0.10	0.14	0.055	0.41				1.49
Fertilizer app (R)	20 ft	93	0.090	1.00	Apr	0.47	0.63		0.00	0.099	0.74				1.84
Nitrogen	lbs											140.0000	0.26	36.40	36.40
Cultivator	20 ft	143	0.100	1.00	Apr	1.38	1.02	0.26	0.38	0.110	0.83				3.87
Ditcher rotary	1.5 ft	93	0.050	1.00	Apr	0.49	0.35	0.10	0.14	0.055	0.41				1.49
Combine corn	4-Row		0.280	1.00	Aug			12.16	18.23	0.308	3.70				34.08
Drying Charge	bu											120.0000	0.19	22.80	22.80
Grain cart	350 bu	93	1.000	0.25	Aug	2.44	1.76	0.51	1.02	0.275	2.06				7.79
Truck	5 ton		1.000	0.40	Aug			4.25	4.63	0.400	3.00				11.88
Other labor	hour											0.4000	7.50	3.00	3.00
Disk	20 ft	143	0.100	2.00	Aug	2.76	2.05	1.10	1.57	0.220	1.65				9.13
TOTALS						17.81	13.59	21.47	30.31	2.468	19.90			153.31	256.40
INTEREST ON OPERATING CAPITAL															8.04
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															264.43

Table 21.A Estimated costs and returns per acre
 Corn, sandy soil, 6-row equipment, (38 inch rows),
 tenant-operators, Red River and Central Areas, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Corn	bu	2.70	120.0000	324.00	_____
Land share rent	bu	2.70	-24.0000	-64.80	_____

TOTAL INCOME				259.20	_____
DIRECT EXPENSES					
CUSTOM					
Drying Charge	bu	0.19	96.0000	18.24	_____
FERTILIZER					
Lime (spread)	ton	32.00	0.2500	8.00	_____
Nitrogen	lbs	0.26	200.0000	52.00	_____
Phosphate	lbs	0.21	50.0000	10.50	_____
Potash	lbs	0.12	70.0000	8.40	_____
HERBICIDES					
Atrazine 4L	pt	1.35	2.0000	2.70	_____
Lasso	pt	3.23	3.0000	9.69	_____
HIRED LABOR					
Other labor	hour	7.50	0.4000	3.00	_____
INSECTICIDES					
Counter 20G	lbs	1.85	5.0000	9.25	_____
SEED					
Corn seed	thou	0.93	29.0000	26.97	_____
OPERATOR LABOR					
Implements	hour	7.50	0.1100	0.83	_____
Tractors	hour	7.50	1.6500	12.38	_____
Self-Propelled Eq.	hour	7.50	0.4000	3.00	_____
OWNER LABOR					
Self-Propelled Eq.	hour	12.00	0.3080	3.70	_____
DIESEL FUEL					
Tractors	gal	0.85	9.8550	8.38	_____
Self-Propelled Eq.	gal	0.85	1.4560	1.24	_____
GASOLINE					
Self-Propelled Eq.	gal	1.20	2.0000	2.40	_____
REPAIR & MAINTENANCE					
Implements	acre	5.07	1.0000	5.07	_____
Tractors	acre	9.43	1.0000	9.43	_____
Self-Propelled Eq.	acre	12.77	1.0000	12.77	_____
INTEREST ON OP. CAP.	acre	8.00	1.0000	8.00	_____
TOTAL DIRECT EXPENSES				215.93	_____
RETURNS ABOVE DIRECT EXPENSES				43.27	_____
FIXED EXPENSES					
Implements	acre	7.45	1.0000	7.45	_____
Tractors	acre	13.59	1.0000	13.59	_____
Self-Propelled Eq.	acre	22.86	1.0000	22.86	_____

TOTAL FIXED EXPENSES				43.91	_____
TOTAL SPECIFIED EXPENSES				259.84	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-0.64	_____
ALLOCATED COST ITEMS					
Overhead (owner)	acre	64.48	1.0000	64.48	_____
RESIDUAL RETURNS				-65.12	_____

Table 21.B Estimated resource use and costs per acre for field operations
 Corn, sandy soil, 6-row equipment, (38 inch rows),
 tenant-operators, Red River and Central Areas, Louisiana, 1997.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	TRACTOR SIZE	PERF RATE	TIMES OVER	MTH	TRACTOR COST		EQUIP COST		ALLOC LABOR		OPERATING INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (spread)	ton			1.00	Jan							0.2500	32.00	8.00	8.00
V- Ripper	7 shank	143	0.170	1.00	Jan	2.35	1.74	0.65	0.84	0.187	1.40				6.98
Disk	20 ft	143	0.100	1.00	Feb	1.38	1.02	0.55	0.78	0.110	0.83				4.56
Fertilizer buggy (R)	30 ft	93	0.060	1.00	Mar	0.31	0.42		0.00	0.066	0.50				1.23
Nitrogen	lbs											60.0000	0.26	15.60	15.60
Phosphate	lbs											50.0000	0.21	10.50	10.50
Potash	lbs											70.0000	0.12	8.40	8.40
Hipper	20 ft	143	0.090	1.00	Mar	1.24	0.92	0.23	0.32	0.099	0.74				3.45
Ditcher rotary	1.5 ft	93	0.050	1.00	Mar	0.49	0.35	0.10	0.14	0.055	0.41				1.49
Hipper	20 ft	143	0.090	1.00	Mar	1.24	0.92	0.23	0.32	0.099	0.74				3.45
Conditioner	20 ft	143	0.090	1.00	Mar	1.24	0.92	0.43	0.54	0.099	0.74				3.88
Plant + pre	20 Ft	143	0.110	1.00	Mar	1.52	1.13	0.82	1.26	0.231	1.73				6.46
Corn seed	thou											29.0000	0.93	26.97	26.97
Atrazine 4L	pt											2.0000	1.35	2.70	2.70
Lasso	pt											3.0000	3.23	9.69	9.69
Counter 20G	lbs											5.0000	1.85	9.25	9.25
Ditcher rotary	1.5 ft	93	0.050	1.00	Mar	0.49	0.35	0.10	0.14	0.055	0.41				1.49
Fertilizer app (R)	20 ft	93	0.090	1.00	Apr	0.47	0.63		0.00	0.099	0.74				1.84
Nitrogen	lbs											140.0000	0.26	36.40	36.40
Cultivator	20 ft	143	0.100	1.00	Apr	1.38	1.02	0.26	0.38	0.110	0.83				3.87
Ditcher rotary	1.5 ft	93	0.050	1.00	Apr	0.49	0.35	0.10	0.14	0.055	0.41				1.49
Combine corn	4-Row		0.280	1.00	Aug			12.16	18.23	0.308	3.70				34.08
Drying Charge	bu											96.0000	0.19	18.24	18.24
Grain cart	350 bu	93	1.000	0.25	Aug	2.44	1.76	0.51	1.02	0.275	2.06				7.79
Truck	5 ton		1.000	0.40	Aug			4.25	4.63	0.400	3.00				11.88
Other labor	hour											0.4000	7.50	3.00	3.00
Disk	20 ft	143	0.100	2.00	Aug	2.76	2.05	1.10	1.57	0.220	1.65				9.13
TOTALS						17.81	13.59	21.47	30.31	2.468	19.90			148.75	251.84
INTEREST ON OPERATING CAPITAL															8.00
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															259.84

Appendix Table 1. Powered Equipment: estimated useful life, annual use, purchase price, repair cost, fuel consumption rate, and direct and fixed cost per hour Louisiana, 1997.

ITEM NAME	SIZE	USEFUL	ANNUAL	PURCHASE	REPAIR	FUEL	--DIRECT COST--		--FIXED COST--	
		LIFE	USE	PRICE	COST	CONS RATE	\$/hr	\$/ax	\$/hr	\$/ac
	hr/ac	years	hours	dollars	percent	/hour	\$/hr	\$/ax	\$/hr	\$/ac
Large 4 wheel drive	300	16	625	107,000	96	14.40	22.51		15.66	
Pickup Truck	1\2 ton	5	800	15,000	45	2.50	4.69		4.04	
Small 4 wheel drive	225	16	625	90,000	96	10.80	17.82		13.17	
Sml 4 whl drive (LS)	225	16	625	90,000	96	10.80	17.82		13.17	
Tractor 106-130	118	16	625	65,000	104	6.80	12.54		9.51	
Tractor 131-155	143	16	625	70,000	99	8.10	13.82		10.24	
Tractor 131-155 (GC)	143	16	625	70,000	99	6.00	12.03		10.24	
Tractor 15-30	23	16	625	11,300	170	1.60	3.84		1.65	
Tractor 156-180	168	16	625	81,000	95	9.70	15.94		11.85	
Tractor 31-55	43	16	625	17,500	159	2.70	5.08		2.56	
Tractor 56-80	68	16	625	28,500	138	4.20	7.50		4.17	
Tractor 80-105	93	16	625	48,000	108	5.40	9.77		7.02	
Tractor 80-105 (GC)	93	16	625	48,000	108	4.00	8.58		7.02	
Combine corn	4-Row	0.28	10	250	130,000	75	5.20	43.42	12.16	65.10
Combine double crop	20 Ft	0.25	5	500	125,000	75	7.10	43.54	10.88	53.80
Combine large	20 Ft	0.21	10	250	155,000	75	8.60	53.81	11.30	77.62
Combine medium	20 Ft	0.25	10	250	125,000	75	7.10	43.54	10.88	62.60
Combine Rice	20 Ft	0.38	10	250	125,000	75	7.10	43.54	16.54	62.60
Combine Rice second	20 Ft	0.20	10	250	125,000	75	7.10	43.54	8.71	62.60
Combine Small	20 Ft	0.31	10	250	105,000	75	5.20	35.92	11.14	52.58
Combine-Corn	6-Row	0.20	10	250	130,000	75	7.10	45.04	9.01	65.10
Cotton Picker	2 Row	0.58	10	250	105,000	85	7.70	42.25	24.50	52.58
Cotton Picker	4 Row	0.26	10	250	175,000	85	9.60	67.66	17.59	87.64
Cotton Picker	5-row	0.20	10	250	184,000	85	9.60	70.72	14.14	92.15
Cotton Picker second	2 Row	0.40	10	250	105,000	85	7.70	42.25	16.90	52.58
Cotton Picker second	4 Row	0.20	10	250	175,000	85	9.60	67.66	13.53	87.64
Crawfish combine		1.00	10	400	6,500	55	3.50	3.87	3.87	2.03
Hi-cycle sprayer	60 Ft	0.03	12	250	60,000	60	5.50	16.68	0.55	26.45
Pickup truck	1/2 ton	1.00	5	800	15,000	45	2.50	4.69	4.69	4.04
Truck	1 ton	1.00	10	400	22,000	50	3.00	6.35	6.35	6.89
Truck	2 ton	1.00	10	400	30,000	50	3.70	8.19	8.19	9.39
Truck	5 ton	1.00	10	400	37,000	50	5.00	10.63	10.63	11.58

Appendix Table 2. Implements: estimated performance rate, useful life, annual use, purchase price, repair cost, and direct and fixed cost per hour and per acre Louisiana, 1997.

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		1.00	10	100	5,000	88	4.40	4.40	6.26	6.26
Baler convention	20 ft	0.14	10	150	11,500	92	7.05	0.99	9.60	1.34
Baler Round	Large	0.20	10	150	19,000	94	11.91	2.38	15.86	3.17
Boll buggy	6 bale	1.00	12	200	18,000	80	6.00	6.00	9.92	9.92
Boom sprayer	30 ft	0.06	8	150	2,500	110	2.29	0.14	2.46	0.15
Chisel plow	13.3 ft	0.14	10	200	4,700	88	2.07	0.29	2.94	0.41
Chisel plow	20 ft	0.09	10	200	6,000	88	2.64	0.24	3.76	0.34
Conditioner	13.3 ft	0.15	6	200	4,500	88	3.30	0.49	4.17	0.63
Conditioner	20 ft	0.09	6	200	6,500	88	4.77	0.43	6.02	0.54
Conditioner	26.6 Ft	0.07	6	200	7,500	88	5.50	0.39	6.95	0.49
Cult + Post Min-Till	20 ft	0.11	10	200	11,000	88	4.84	0.53	6.89	0.76
Cult + Post Min-Till	26.6 ft	0.08	10	200	14,800	88	6.51	0.52	9.26	0.74
Cult + Post(2x1)skip	26.6 ft	0.08	10	200	9,000	88	3.96	0.32	5.63	0.45
Cultimulcher	12 Ft	0.16	15	120	5,400	88	2.64	0.42	4.28	0.69
Cultivate + post	13.3 ft	0.16	10	200	5,800	88	2.55	0.41	3.63	0.58
Cultivate + Post	20 ft	0.11	10	200	8,000	88	3.52	0.39	5.01	0.55
Cultivate + Post	26.6 ft	0.08	10	200	10,500	88	4.62	0.37	6.57	0.53
Cultivator	13.3 ft	0.14	10	200	4,000	88	1.76	0.25	2.50	0.35
Cultivator	20 ft	0.10	10	200	6,000	88	2.64	0.26	3.76	0.38
Cultivator	26.6 ft	0.08	10	200	7,600	88	3.34	0.27	4.76	0.38
Cultivator	6-Row30"	0.14	10	200	5,000	88	2.20	0.31	3.13	0.44
Cultivator (2x1)skip	26.6 ft	0.08	10	200	6,800	88	2.99	0.24	4.26	0.34
Disk	13.3 ft	0.15	10	200	6,500	88	2.86	0.43	4.07	0.61
Disk	20 ft	0.10	10	200	12,500	88	5.50	0.55	7.83	0.78
Disk	26.6 ft	0.07	10	200	16,000	88	7.04	0.49	10.02	0.70
Disk	6 ft	0.41	10	200	1,500	88	0.66	0.27	0.94	0.38
Disk (water)	20 ft	0.35	10	200	12,500	88	5.50	1.93	7.83	2.74
Disk + pre	13.3 ft	0.16	10	200	8,100	88	3.56	0.57	5.07	0.81
Disk + pre	20 ft	0.10	10	200	15,000	88	6.60	0.66	9.39	0.94
Disk + pre	26.6 ft	0.07	10	200	18,500	88	8.14	0.57	11.58	0.81
Ditcher rotary	1.5 ft	0.05	10	100	2,250	88	1.98	0.10	2.82	0.14
Ditcher side	1.5 ft	0.05	10	200	2,100	88	0.92	0.05	1.31	0.07
Doall (water)	20 ft	0.35	15	100	2,500	88	1.47	0.51	2.38	0.83
Dozer blade	10ft	0.85	20	100	3,400	66	1.12	0.95	2.73	2.32
Drag	14 ft	0.13	8	200	700	88	0.39	0.05	0.52	0.07
Fertilizer app anh	18 ft	0.17	8	150	3,000	93	2.33	0.40	2.95	0.50
Fertilizer app liq	18 ft	0.13	10	130	5,000	110	4.23	0.55	4.82	0.63
Fertilizer buggy	30 ft	0.06	10	150	5,500	88	3.23	0.19	4.59	0.28
Fertilizer buggy (R)	30 ft	0.06	10	150	1	0	0.00	0.00	0.00	0.00
Fertilizer app (R)	20 ft	0.09	10	200	1	0	0.00	0.00	0.00	0.00
Field cult + pre	20 ft	0.10	10	200	9,000	88	3.96	0.40	5.63	0.56
Field cult + pre	32 ft	0.06	10	200	14,000	88	6.16	0.37	8.76	0.53
Field cultivator	20 ft	0.09	10	200	7,000	88	3.08	0.28	4.38	0.39
Field cultivator	32 ft	0.05	10	200	12,000	88	5.28	0.26	7.51	0.38
Frontend loader	3 cuyd	1.00	15	100	5,500	88	3.23	3.23	5.24	5.24
Grain cart	350 bu	1.00	15	175	7,500	71	2.03	2.03	4.08	4.08
Grain drill	12 ft	0.21	8	200	7,000	77	3.37	0.71	5.17	1.09
Grain drill	20 ft	0.10	8	200	11,000	77	5.29	0.53	8.12	0.81
Harrow	6 Ft	0.41	10	300	460	88	0.13	0.06	0.19	0.08
Hay fork	2	1.00	10	300	650	88	0.19	0.19	0.27	0.27
Hay rake	10 Ft	0.20	10	150	3,700	110	2.71	0.54	3.09	0.62
Hay rake	15 ft	0.13	10	150	4,200	110	3.08	0.40	3.51	0.46
Hipper	13.3 ft	0.15	10	200	3,500	88	1.54	0.23	2.19	0.33
Hipper	20 ft	0.09	10	200	5,700	88	2.51	0.23	3.57	0.32
Hipper	26.6 ft	0.07	10	200	7,500	88	3.30	0.23	4.70	0.33
Hipper + Fert	20 ft	0.11	10	200	7,200	88	3.17	0.35	4.51	0.50
Honey wagon	3000 gal	1.00	10	200	6,380	88	2.81	2.81	3.99	3.99
Land level	13 ft	0.19	15	200	7,500	66	1.65	0.31	3.57	0.68
Laser Equipment		1.56	10	350	16,000	20	0.91	1.43	5.72	8.93
Laser Scraper	9 cu. yd	1.56	15	350	9,000	66	1.13	1.77	2.45	3.82
Levee plow	8 Ft	0.05	10	150	4,000	50	1.33	0.07	3.34	0.17

Appendix Table 2. (Continued)

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				
Hay tedder	10 ft	0.20	10	150	3,000	110	2.20	0.44	2.50	0.50
Manure spreader	110 yd	1.00	15	100	6,000	88	3.52	3.52	5.71	5.71
Middle buster	13.3 ft	0.15	15	100	1,800	70	0.84	0.13	1.71	0.26
Module Builder	32 Ft	1.00	12	125	20,000	80	10.67	10.67	17.63	17.63
Molboard 4 bottom	6 Ft	0.33	15	200	1,700	108	0.61	0.20	0.81	0.27
Mower conditioner	9 Ft	0.19	10	150	10,000	198	13.20	2.51	8.35	1.59
Mower drum	6.7 Ft	0.25	10	150	4,000	44	1.17	0.29	3.34	0.83
Mower sickle	9 Ft	0.34	10	150	3,750	176	4.40	1.50	3.13	1.06
Mtd. Boom Sprayer	15 ft.	0.15	8	150	1,600	110	1.47	0.21	1.58	0.23
No till drill (15)	15 ft	0.15	8	200	17,000	71	7.54	1.09	12.55	1.82
No till planter	20 Ft	0.10	8	200	18,300	117	13.38	1.34	13.51	1.35
Nurse tank	1000 gal	0.13	10	130	2,700	22	0.46	0.06	2.60	0.34
Plant + pre	13.3 ft	0.16	8	200	10,000	77	4.81	0.77	7.39	1.18
Plant + pre	20 Ft	0.11	8	200	15,500	77	7.46	0.82	11.45	1.26
Plant + pre	26.6 Ft	0.08	8	200	19,500	77	9.38	0.75	14.40	1.15
Plant + Pre (2x1)	26.6 ft	0.08	8	200	16,700	77	8.04	0.64	12.33	0.99
Planter	13.3 ft	0.14	8	200	8,250	77	3.97	0.56	6.09	0.85
Planter	20 Ft	0.09	8	200	13,500	77	6.50	0.58	9.97	0.90
Planter	26.6 ft	0.07	8	200	17,000	77	8.18	0.57	12.55	0.88
Planter	6row 30"	0.14	8	200	12,500	77	6.02	0.84	9.23	1.29
Ridge tiller	26.6 ft	1.00	12	200	18,000	80	6.00	6.00	9.92	9.92
Ripper-hipper	13.3 ft	0.16	10	200	8,000	125	5.00	0.80	5.01	0.80
Rotary hoe	18 ft	0.08	20	75	4,500	110	3.30	0.26	4.81	0.38
Rotary mower	13.3 ft	0.13	10	150	7,200	44	2.11	0.27	6.01	0.78
Rotary mower	6.7 ft	0.15	10	150	2,500	44	0.73	0.11	2.09	0.31
Self unload wagon	4 ton	0.10	10	100	6,000	110	6.60	0.66	7.51	0.75
Setaside Maint.	disc	0.10	10	200	12,500	88	5.50	0.55	7.83	0.78
Silage Blower	large	0.06	10	100	4,800	71	3.41	0.20	6.01	0.36
Silage Blower	small	0.08	10	100	3,500	71	2.49	0.20	4.38	0.35
Silage harvester	1 row	0.08	10	100	10,000	71	7.10	0.57	12.52	1.00
Silage Harvester	2 row	0.06	10	100	18,000	71	12.78	0.77	22.54	1.35
Silage Wagon	6 tons	0.08	10	100	5,200	71	3.69	0.30	6.51	0.52
Silage Wagon	8 tons	0.06	10	100	6,250	71	4.44	0.27	7.83	0.47
Sodseeder	12 ft	0.11	8	200	6,000	77	2.89	0.32	4.43	0.49
Spike harrow	18 ft	0.08	10	200	1,500	88	0.66	0.05	0.94	0.08
Spike harrow (dbl)	18 ft	0.08	10	200	1,500	88	0.66	0.05	0.94	0.08
Sprayer cattle	6 ft	1.00	15	70	700	71	0.47	0.47	0.95	0.95
Sprigger	60 bu	0.40	10	100	8,000	77	6.16	2.46	10.02	4.01
Springtooth harrow	20 ft	0.11	13	150	2,625	132	1.78	0.20	1.83	0.20
Stalk cutter	13.3 ft	0.13	10	150	7,200	44	2.11	0.27	6.01	0.78
Stalk cutter	6.7 ft	0.25	10	150	2,500	44	0.73	0.18	2.09	0.52
Subsoiler	3 shank	0.40	15	100	1,700	100	1.13	0.45	1.62	0.65
Tractor blade	6 ft	1.00	15	100	400	137	0.37	0.37	0.38	0.38
Tractor Spreader	20 ft	0.11	10	150	700	88	0.41	0.05	0.58	0.06
Trailer cotton	10 bale	1.00	15	200	5,000	88	1.47	1.47	2.38	2.38
Trailer gooseneck	6 ft	1.00	15	100	5,000	88	2.93	2.93	4.76	4.76
Trailer hay	6 Ft	0.50	15	100	2,500	88	1.47	0.73	2.38	1.19
Trailer utility	10 Ft	1.00	15	200	3,000	35	0.35	0.35	1.43	1.43
V- Ripper	7 shank	0.17	15	100	5,200	110	3.81	0.65	4.95	0.84
V-Ripper	9 shank	0.13	15	100	6,800	110	4.99	0.65	6.47	0.84
Water level	16 Ft	0.22	15	100	2,500	66	1.10	0.24	2.38	0.52

Appendix Table 3. Other durable inputs: estimated repair cost, fuel consumption rate, direct cost per unit of measure, and fixed cost per unit of measure or per acre Louisiana, 1997.

ITEM NAME	UNIT	REPAIR	FUEL	DIRECT COST	----FIXED COST----	
		COST	CONS			
		\$/U of M	/U of M	\$/U of M	\$/U of M	\$/acre
Irrig sys 29 sec wlord	acin	0.000	2.230	1.896		
Irr sys 16 WLWP	acin	0.000	0.340	1.445		31.60
Irr sys 11 WLCTDP	acin	0.000	2.230	1.896		29.99
Irr sys 11 WLCTWP	acin	0.000	2.230	1.896		30.23
Irr sys 11 WLDP	acin	0.000	2.230	1.896		31.20
Irr sys 11 WLWP	acin	0.000	2.230	1.896		32.07
Irr sys 14 fld. DP	acin	0.090	0.340	1.535		30.75
Irr sys 14 fld. WP	acin	0.090	0.340	1.535		31.60
Irr sys 16 fld. WLDP	acin	0.000	0.340	1.445		30.75
Irr sys 18 fl DP	acin	0.090	31.400	2.916		25.51
Irr sys 18 fl WP	acin	0.090	31.400	2.916		26.00
Irr sys 20 WLDP	acin	0.000	31.400	2.826		25.51
Irr sys 20 WLWP	acin	0.000	31.400	2.826		26.00
Irr sys 22 fld, WP	acin	0.120	0.920	0.902		17.54
Irr sys 22, fld, DP	acin	0.120	0.920	0.902		17.15
Irr sys 24 fld, WP	acin	0.070	0.140	0.665		17.07
Irr sys 24, fld, DP	acin	0.070	0.140	0.665		16.70
Irr sys 26 fl, WP	acin	0.080	11.490	1.114		13.93
Irr sys 26, fld., DP	acin	0.080	11.490	1.114		13.77
Irr sys 30, fld, DP	acin	0.070	9.380	0.914		11.93
Irr sys 30, fld, WP	acin	0.070	9.380	0.914		11.58
Irr sys 31 fld, WP	acin	0.070	5.430	0.559		7.48
Irr sys 31, fld, DP	acin	0.070	5.430	0.559		7.70
Irr sys 32 fld, WP	acin	0.090	0.550	0.558		11.11
Irr sys 32, fld, DP	acin	0.090	0.550	0.558		11.61
Irr sys 4, fld, DP	acin	0.090	0.670	0.660		15.84
Irr sys 4, fld, WP	acin	0.090	0.670	0.660		15.21
Irr sys 6, fld, WLDP	acin	0.000	0.670	0.570		15.84
Irr sys 6, WLWP	acin	0.000	0.670	0.570		15.21
Irr sys 9 fl CTDP	acin	0.150	2.230	2.046		29.99
Irr sys 9 fl CTWP	acin	0.150	2.230	2.046		30.23
Irr sys 9 fl DP	acin	0.150	2.230	2.046		31.20
Irrig sys 9 fl WP	acin	0.150	2.230	2.046		32.07
Irrig. sys. 1 pivot	acin	0.610	2.140	2.429		38.70
Irrig. sys. 10 flood	acin	0.150	0.000	0.150		
Irrig. sys. 12second	acin	0.150	2.230	2.046		
Irrig. sys. 15 flood	acin	0.090	0.000	0.090		
Irrig. sys. 2 Pipe	acin	0.590	1.410	1.789		27.75
Irrig. sys. 3 gun	acin	0.970	2.260	2.891		44.06
Irrig. sys. 5 flood	acin	0.090	0.000	0.090		
Irrig. sys. 7	acin	0.910	2.110	2.704		47.33
Irrig. sys.13 flood	acin	0.110	1.170	1.105		19.28
Irrig. sys.17 second	acin	0.090	0.340	1.535		
Irrig. sys.19 flood	acin	0.090	0.000	0.090		
Irrig. sys.21 second	acin	0.090	31.400	2.916		
Irrig. sys.23 second	acin	0.120	0.920	0.902		
irrig. sys.25 second	acin	0.070	0.140	0.665		
Irrig. sys.27 second	acin	0.080	11.490	1.114		
Irrig. sys.28 second	acin	0.150	0.000	0.150		
Irrig.sys. 8 pipe	acin	0.080	6.630	0.677		23.04

Appendix Table 4. Operating inputs: estimated prices Louisiana, 1997.

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
dollars					
CUSTOM			HERBICIDES (Con't)		
Airplane 2,4-d	acre	5.10	Londax	oz	14.15
Airplane benlate	acre	4.40	Lorox	lbs	10.25
Airplane Fert	acre	4.10	Lorox 4L	pt	7.00
Airplane Fert	cwt	3.95	MSMA 6.6	pt	2.13
Airplane Fert	cwt	4.05	MSMA plus	pt	2.00
Airplane furadan	acre	3.95	Ordram 15G	lbs	1.00
Airplane Furadan	acre	4.05	Ordram 8E	pt	6.39
Airplane hi-vol	acre	3.15	Poast 1.5L	pt	12.56
Airplane hi-vol	acre	3.40	Probe	lbs	17.50
Airplane Insect	acre	3.80	Prowl 3.3	pt	3.11
Airplane lo-vol	acre	2.10	Reflex	oz	0.62
Airplane lo-vol	acre	2.45	Roundup	pt	6.13
Airplane seed	cwt	4.05	Scepter 70 DG	oz	6.21
Airplane seed	cwt	4.25	Sencor 4L	pt	17.73
Airplane seed	cwt	4.40	Sencor DF	lbs	24.90
Airplane seed	cwt	4.25	Stam M4	qt	4.76
Airplane Stam	acre	4.85	Surfactant	pt	1.34
Airplane Stam	acre	4.40	Treflan 4L	pt	3.75
Airplane ulv	acre	2.00	Whip360	pt	23.88
Custom Harvest	lbs	0.10	Zorial 80DF	lbs	13.31
Drying Charge	bu	0.19	HIRED LABOR		
Drying Charge	cwt	0.17	Other labor	hour	7.50
Drying Rice	cwt	0.95	INSECTICIDES		
Fertilizer Cart	ton	5.00	Ambush 2EC	pt	13.88
Fertilizer Truck	acre	3.55	Ammo 2.5E	pt	23.13
Global Pos. System	acre	0.40	Asana XL .66EC	pt	15.00
Global Pos. System	acre	0.15	Baythroid	pt	48.15
Global Pos. System	acre	0.25	Bidrin 8EC	pt	10.78
Storage Rice	cwt	0.40	Counter 20G	lbs	1.85
Storage Soybeans	bu	0.30	Curacron 8E	pt	12.55
DEFOLIANT			Cymbush	pt	34.75
Def	pt	5.13	Diazinon	pt	5.49
Dropp	lbs	53.45	Dimethoate	pt	3.66
Folex	pt	5.13	Furadan 3G	lbs	0.75
Harvade	pt	9.73	Guthion	pt	3.58
Prep	pt	5.25	Karate 1E	pt	25.63
Sodium Chlorate	pt	0.54	Lannate	pt	5.80
GROWTH REGULATORS			Larvin 3.2	pt	6.24
Pix	oz	0.77	Lorsban	pt	5.75
FERTILIZER			Methyl parathion 4E	pt	3.16
Ammonium Nitrate 33%	lbs	0.10	Monitor 4EC	pt	8.74
Ammonium Sulfate 21%	lbs	0.09	Orthene	lb	11.80
Anhydrous (82%)	lbs	0.16	Pounce	pt	21.00
Boron	lbs	0.55	Scout x-tra .9EC	pt	35.00
Lime (spread)	ton	32.00	Sevin 80% WP	lbs	4.40
Nitrogen	lbs	0.26	Sevin XLR	pt	3.05
Nitrogen (32%)	lbs	0.07	Temik 15G	lbs	2.90
Phosphate	lbs	0.21	OTHER		
Potash	lbs	0.12	Cash rent	acre	35.00
Urea (45%)	lbs	0.11	Cash rent	acre	55.00
FUNGICIDES			Cash rent	acre	75.00
Benlate 50% WP	lbs	15.80	Cash rent	acre	55.00
Giberlic acid	cwt	3.00	Cash rent	acrei	45.00
Rovral 50 WP	lbs.	19.80	Ginning cost	lbs	0.08
Tilt 3EC	oz	2.51	Innoculant	bu	0.45
TSX	lbs	1.95	Insect scout	acre	7.50
HERBICIDES			Levee Gate	gate	10.00
2,4-d amine	pt	1.47	Module hauling	bale	5.00
2,4-D-LV4	pt	1.78	Plastic	sqft	0.08
2,4-DB	pt	3.27	Poly Pipe	acre	5.80
Atrazine 4L	pt	1.35	Rice Forage	ac ai	63.27
Basagran 4L	pt	8.28	Sacks	each	0.39
Bicep	qt	8.10	Setaside maintenance	acre	8.65
Bladex 4L	pt	3.32	Twine	ton	1.20
Blazer 2L	pt	7.19	SEED		
Bolero	pt	5.63	Common bermuda seed	lbs	3.50
Canopy	lbs	37.40	Corn seed	thou	0.93
Caparol 4L	qt	7.61	Cotton seed	lbs	0.82
Classic	oz	17.50	Milo seed	lbs	0.85
Command 4EC	pt	9.84	Rice seed	lbs	0.19
Cotoran 4L	qt	8.75	Rice seed	lbs	0.20
Crop oil	pt	0.78	Rice seed (grown)	cwt.	5.00
DSMA 4L	pt	0.96	Ryegrass seed	lbs	0.28
Dual 8E	pt	7.85	Seed treatment	bu	0.95
Fusilade DX	pt	13.80	Soybean seed	lbs	0.30
Goal	pt	8.54	Vetch seed	lbs	0.81
Gramoxone extra	pt	3.88	Wheat seed	lbs	0.25
Karmex	lbs	4.15	Wheat seed	lbs	0.14
Lasso	pt	3.23	Winter peas seed	lbs	0.33
Lexone 4L	pt	17.73	Water charge	acre	53.00
Lexone DF	lbs	24.90			

Appendix Table 5. Estimated costs per acre overhead costs, owner-operators, Louisiana, 1997.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
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		dollars		dollars	
DIRECT EXPENSES					
HIRED LABOR					
Other labor	hour	7.50	1.2700	9.53	_____
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	1.24	_____
Self-Propelled Eq.	hour	7.50	1.5000	11.25	_____
shop bld.& equip.	hour	7.50	0.5800	4.35	_____
DIESEL FUEL					
Tractors	gal	0.85	0.4050	0.34	_____
GASOLINE					
Self-Propelled Eq.	gal	1.20	3.7500	4.50	_____
REPAIR & MAINTENANCE					
Implements	acre	0.11	1.0000	0.11	_____
Tractors	acre	0.42	1.0000	0.42	_____
Self-Propelled Eq.	acre	2.53	1.0000	2.53	_____
shop bld.& equip.	acre	3.26	1.0000	3.26	_____
INTEREST ON OP. CAP.	acre	2.70	1.0000	2.70	_____

TOTAL DIRECT EXPENSES				55.19	_____
RETURNS ABOVE DIRECT EXPENSES				-55.19	_____
FIXED EXPENSES					
Implements	acre	0.31	1.0000	0.31	_____
Tractors	acre	0.38	1.0000	0.38	_____
Self-Propelled Eq.	acre	6.05	1.0000	6.05	_____
shop bld.& equip.	acre	2.54	1.0000	2.54	_____

TOTAL FIXED EXPENSES				9.29	_____

TOTAL SPECIFIED EXPENSES				64.48	_____

Appendix Table 6. Estimated costs per acre overhead costs, tenant-operators, Louisiana, 1997.

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	1.24	_____
Self-Propelled Eq.	hour	7.50	1.5000	11.25	_____
shop bld.& equip.	hour	7.50	0.5800	4.35	_____
DIESEL FUEL					
Tractors	gal	0.85	0.4050	0.34	_____
GASOLINE					
Self-Propelled Eq.	gal	1.20	3.7500	4.50	_____
REPAIR & MAINTENANCE					
Implements	acre	0.11	1.0000	0.11	_____
Tractors	acre	0.42	1.0000	0.42	_____
Self-Propelled Eq.	acre	2.53	1.0000	2.53	_____
shop bld.& equip.	acre	3.26	1.0000	3.26	_____
INTEREST ON OP. CAP.	acre	2.20	1.0000	2.20	_____

TOTAL DIRECT EXPENSES				44.17	_____
RETURNS ABOVE DIRECT EXPENSES				-44.17	_____
FIXED EXPENSES					
Implements	acre	0.31	1.0000	0.31	_____
Tractors	acre	0.38	1.0000	0.38	_____
Self-Propelled Eq.	acre	6.05	1.0000	6.05	_____
shop bld.& equip.	acre	2.54	1.0000	2.54	_____

TOTAL FIXED EXPENSES				9.29	_____

TOTAL SPECIFIED EXPENSES				53.46	_____