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**2005  
Projected  
Commodity  
Costs  
And  
Returns**

**Cotton, Soybeans, Corn, Milo  
and Wheat Production  
in Red River and Central  
Areas of Louisiana**

**Kenneth W. Paxton**



**Farm Management Research & Extension  
Department of Agricultural Economics & Agribusiness  
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PROJECTED COSTS AND RETURNS  
COTTON, SOYBEANS, CORN, MILO AND WHEAT,  
RED RIVER AND CENTRAL AREAS, LOUISIANA, 2005

by

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PROJECTED COSTS AND RETURNS  
COTTON, SOYBEANS, CORN, MILO AND WHEAT,  
RED RIVER AND CENTRAL AREAS, LOUISIANA, 2005

by

Kenneth W. Paxton<sup>1</sup>

ENTERPRISE BUDGETS

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

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

Cotton Budgets

This report presents cotton budgets showing projected costs and returns for 2005 for the Red River and Central Areas of Louisiana. Cotton budgets are presented for 8-row equipment. A 38 inch row spacing was used as a basis for all equipment size designation. Both owner-operators and tenant-operators budgets are presented in this report. Following each budget is a table showing the sequence of operations and associated machinery costs and labor requirements for each operation.

Irrigation Costs

Irrigation costs shown in the cotton budget are based on a center pivot irrigation system. A 135 acre poly-pipe system was used to develop irrigation costs. Details of system costs are shown in Table 1. It was assumed that the irrigation system would be used three times per year to apply a total of 7.5 acre-inches of water. A summary of cost items for a roll-out pipe (poly-pipe) furrow irrigation system is shown in Table 2. It was assumed that the system would be used three times per year and apply a total of 10 acre-inches of water.

Cotton Harvesting

Harvesting costs shown in the budgets are based on using four-row cotton pickers. Data on costs associated with owning and operating two-row cotton pickers are shown in the appendix to this report. These data indicate that the cost of owning and operating a two-row picker are approximately \$65.00 per acre compared to \$38.00 for a four-row picker. These costs assume that the four-row machine will be used on approximately 1,100 acres while the two-row machine will be used on 430 acres. Rates of use higher (lower) than these will decrease (increase) per acre costs. Enterprise budgets reflect twice over harvest for approximately half of the acreage. The decision to "scrap" cotton should be based on the potential profitability of the operation comparing the value of the cotton harvested with the cost of operating the cotton picker and associated equipment.

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Table 1. Estimated costs per Acre  
Center pivot irrigation system, 1/4 mile  
applying 7.5 inches in three applications Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
LA Hired Labor					
Special Labor	hour	9.60	0.2036	1.95	_____
DIESEL FUEL					
Engine, 1/4 CP, 65	gal	1.45	11.2011	16.24	_____
REPAIR & MAINTENANCE					
Well & Pump, 1/4 CP	each	288.00	0.0074	2.13	_____
Engine, 1/4 CP, 65	ac-in	0.25	7.5000	1.94	_____
Pivot, 1/4 CP	1320'	880.00	0.0074	6.52	_____
INTEREST ON OP. CAP.	Acre	1.01	1.0000	1.01	_____
				-----	
TOTAL DIRECT EXPENSES				29.79	_____
FIXED EXPENSES					
Well & Pump, 1/4 CP	each	974.69	0.0074	7.22	_____
Engine, 1/4 CP, 65	each	630.25	0.0074	4.67	_____
Pivot, 1/4 CP	each	3961.61	0.0074	29.35	_____
				-----	
TOTAL FIXED EXPENSES				41.24	_____
				-----	
TOTAL SPECIFIED EXPENSES				71.03	_____

Table 2. Estimated costs per Acre  
Poly pipe irrigation system, 160 acres  
applying 10.5 inches in three applications, Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.14	33.0000	4.62	_____
LA Hired Labor					
Implements	hour	9.60	0.0062	0.06	_____
Tractors	hour	9.60	0.2930	2.81	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
DIESEL FUEL					
Tractors	gal	1.45	2.8274	4.10	_____
Engine, RPF, 75	gal	1.45	8.5535	12.39	_____
REPAIR & MAINTENANCE					
Implements	Acre	0.36	1.0000	0.36	_____
Tractors	Acre	0.98	1.0000	0.98	_____
Well & Pump, Furrow	each	288.00	0.0062	1.80	_____
Engine, RPF, 75	ac-in	0.17	10.5000	1.89	_____
INTEREST ON OP. CAP.	Acre	0.95	1.0000	0.95	_____
				-----	
TOTAL DIRECT EXPENSES				31.40	_____
FIXED EXPENSES					
Implements	Acre	1.09	1.0000	1.09	_____
Tractors	Acre	6.68	1.0000	6.68	_____
Well & Pump, Furrow	each	974.69	0.0062	6.09	_____
Main Line Pipe	each	627.21	0.0062	3.92	_____
Land Forming (\$240)	each	19.49	1.0000	19.49	_____
Engine, RPF, 75	each	720.29	0.0062	4.50	_____
				-----	
TOTAL FIXED EXPENSES				41.77	_____
				-----	
TOTAL SPECIFIED EXPENSES				73.17	_____

## Boll Weevil Eradication

A boll weevil eradication (BWE) program was approved in the Northeast area of the state and implemented in the fall of 1998. The eradication phase of the program has been completed and currently cotton producers pay an annual assessment for maintenance. The assessment is currently set at \$6 per acre. Cotton budgets in this publication include the assessment as a cost of producing cotton for 2005. Insecticide programs have been modified to account for BWE program applications.

## Storage Charges

Cotton budgets for 2005 include an allowance for the storage of cotton. Typically, cotton leaving the gin moves to a warehouse before moving into the marketing channel. Cotton placed in a warehouse is assessed an in and out charge as well as a compression charge. In addition, there is a monthly storage charge. While charges for these services vary among warehouses across the state, a vast majority (over 95%) of the cotton marketed in the state moves through a warehouse and incurs some cost. Many warehouses offer rebates to producers storing cotton at their facility. For the purpose of developing estimates for budgets in this publication, we have assumed that the average length of storage is approximately five to six months. Total net charges for storage (including in/out and compression charges less rebate) are estimated to be \$25 per bale.

## Soybean Budgets

Budgets showing projected costs and returns for soybeans for 2005 are presented for the Red River and Central Areas. Budgets are presented for two soil types (sandy and clay) and equipment sizes (8- and 12-row). Equipment size designations are generally based on a 38 inch row width. While this row spacing remains popular with many producers, a significant portion of soybean acreage employs a narrower row spacing. These narrower row spacings are reflected in budgets for a 20 inch spacing and drill planted soybeans.

## Corn, Milo and Wheat Budgets

Budgets showing projected costs and returns for corn, milo and wheat for 2005 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 2005 are presented for one equipment size (8-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 2005 include the use of a module builder and boll buggy for a portion of the cotton harvested. A mandatory checkoff charge of \$2.25 per bale was included in the 2005 cotton budgets. This charge was based on a flat charge of one dollar per bale plus 0.5 percent of the value of a 480 pound bale. A summary of breakeven selling prices necessary to recover direct expenses as well as total costs are shown in Table 2. Breakeven selling prices are shown for five yield levels.

A summary of projected costs and returns for soybean production situations included in this report is presented in Table 3. Budgets are presented for two soil types (sandy and clay) and two equipment sizes (8- and 12-row). Within soil types, larger sized equipment had an advantage over smaller size equipment. There was little difference in net returns for soybeans produced on sandy soils and soybeans produced on clay soils. Table 4 presents breakeven selling prices for soybeans at five yield levels for the budget situations.

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

"Breakeven" selling prices have been included in this report for five production levels for each crop situation budgeted. The breakeven selling price represents the cost per unit of output at that particular yield level. Thus, a price higher than the breakeven price would have to be received before the operator would receive a return above the specified costs. "Breakeven" prices have been presented for "direct expenses" (a close approximation of cash costs for most producers) and for "total specified expenses", which represents all costs

except overhead, land, and risk costs for the business. Therefore, owner-operators would need a price above the total specified breakeven cost before a return to land would be incurred. For example, if the breakeven selling price above total specified expenses for soybeans at a yield of 25 bushels per acre is \$4.50 and the expected selling price is \$5.50 per bushel, then the producer could expect \$1.00 per bushel or \$25.00 returns per acre to land and risk. "Breakeven" prices for "direct expenses" do include land rent for tenant-operators. If land rent was entered as a cash rent in tenant budgets, the "breakeven" price for total specified direct expenses would include land as a charge in those situations.

TABLE 3. A summary of projected costs and returns per acre for Cotton production, Red River and Central Areas, Louisiana, 2005.<sup>A</sup>

Crop Description	Yield Per Acre <sup>B</sup>	Returns Unit	Returns					
			Total Direct Income	Total Direct Expenses	Above Direct Expenses	Total Fixed Expenses	Total Specified Expenses <sup>C</sup>	Above Specified Expenses
.....Dollars per unit.....								
Cotton, 8-row, solid	850 lbs. of Lint		496.01	450.81	45.20	108.80	559.80	-63.60
Cotton, 8-row, R, Clay Soil	800 lbs. of Lint		466.81	431.31	35.50	90.39	521.70	-54.89
Cotton, 8-row, BG/RR, T	850 lbs. of Lint		395.19	434.99	-39.80	93.92	528.91	-133.72
Cotton, 12-row, BG/RR, T	850 lbs. of Lint		395.19	413.54	-18.35	84.25	497.79	-102.60
Cotton, 8-row, BG/RR, Irr.	1100 lbs. of Lint		641.86	559.06	82.80	135.19	694.25	-52.39

<sup>A</sup> Cotton lint price of \$0.52 per lb. and \$0.044 per lb. for cottonseed was used.

<sup>B</sup> Cottonseed yield is equal to 1.55 x yield of lint.

<sup>C</sup> Farm overhead charges are not included in total specified expenses. Land cost are only included in total specified expenses for tenant-operators.

<sup>D</sup> Assumes a cotton rental arrangement of 1/5 crop share.

TABLE 4. Breakeven selling prices for Cotton for selected yield levels, Red River and Central Areas, Louisiana, 2005.

Crop Description	Base Yield Unit	Yield Levels				
		-20%	-10%	Base	+10%	+20%
.....Dollars per unit.....						
Price required to recover total specified expenses <sup>A</sup>						
Cotton, 8-row, solid	850 lbs. of lint	0.73	0.65	0.59	0.54	0.49
Cotton, 8-row, RR, Clay	800 lbs. of lint	0.73	0.65	0.58	0.53	0.49
Cotton, 8-row, BG/RR, T <sup>B</sup>	850 lbs. of lint	0.88	0.79	0.71	0.65	0.59
Cotton, 12-row, BG/RR, T	850 lbs. Of lint	0.83	0.74	0.66	0.60	0.56
Cotton, 8-row, BG/RR, Irr	1,100lbs. Of lint	0.70	0.62	0.56	0.51	0.47
Prices required to recover direct expenses						
Cotton, 8-row, solid	850 lbs. of lint	0.57	0.51	0.46	0.42	0.39
Cotton, 8-row, RR, Clay	800 lbs. of lint	0.69	0.52	0.47	0.43	0.39
Cotton, 8-row, BG/RR, T <sup>B</sup>	850 lbs. of lint	0.71	0.63	0.57	0.52	0.48
Cotton, 12-row, BG/RR, T	850 lbs. Of lint	0.67	0.60	0.54	0.49	0.45
Cotton, 8-row, BG/RR, Irr	1,100lbs. Of lint	0.55	0.49	0.44	0.40	0.37

<sup>A</sup> Does not include land costs or overhead costs.

<sup>B</sup> Tenant-operator budgets include land costs.

TABLE 5. A summary of projected costs and returns per acre for Soybean production, Red River Central Areas, Louisiana, 2005.<sup>A</sup>

Crop Description	Yield Per Acre	Unit	Total income	Returns				
				Total Direct Expenses	Above Direct Expenses	Total Fixed Expenses	Total Specified Expenses <sup>B</sup>	Returns Above Specified Expenses
.....Dollars per unit.....								
Soybeans, 8-row, sandy	35.0	bu	192.50	112.52	79.98	27.50	140.02	52.48
Soybeans, 8-row, RR, clay	35.0	bu	192.50	118.73	73.77	26.14	144.87	47.63
Soybeans, 12-row, RR/20" rows <sup>C</sup> T	35.0	bu	154.00	123.83	30.17	26.42	150.25	3.75
Soybeans, 8-row, Drill planted T	30.0	bu	132.00	118.52	13.48	29.23	147.75	-15.75

<sup>A</sup> Crop price used was \$5.50 per bu. for soybeans.

<sup>B</sup> Farm overhead charges are not included in total specified expenses.

<sup>C</sup> Assumes a soybean rental arrangement of 1/5 crop share.

TABLE 6. Breakeven selling prices for Soybeans for selected yield levels, Red River and Central Areas, Louisiana, 2005.

Crop Description	Base Yield Unit	Yield Levels				
		-20%	-10%	Base	+10%	+20%
PRICES REQUIRED TO RECOVER TOTAL SPECIFIED EXPENSES						
Soybeans, 8-row, sandy	35.0 bu	5.00	4.45	4.00	3.64	3.33
Soybeans, 8-row, RR, clay	35.0 bu	5.17	4.60	4.14	3.76	3.45
Soybeans, 12-row, RR/20" rows, T	35.0 bu	6.71	5.96	5.37	4.88	4.47
Soybeans, 8-row, Drill Planted, T	30.0 bu	7.69	6.84	6.16	5.60	5.13
PRICES REQUIRED TO RECOVER DIRECT EXPENSES						
Soybeans, 8-row, sandy	35.0 bu	4.02	3.57	3.21	2.92	2.68
Soybeans, 8-row, RR, clay	35.0 bu	4.24	3.77	3.39	3.08	2.83
Soybeans, 12-row, RR/20" rows, T	35.0 bu	5.53	4.91	4.42	4.02	3.69
Soybeans, 8-row, Drill Planted, T	30.0 bu	6.17	5.49	4.94	4.49	4.12

<sup>A</sup> Does not include land costs or overhead costs.

<sup>B</sup> Tenant-operator budgets include land costs.

TABLE 7. A summary of projected costs and returns per acre for Wheat, Milo, and Corn production, Red River and Central Areas, Louisiana, 2005.<sup>A</sup>

Crop Description	Yield		Total Income	Returns			Returns	
	Per Acre	Unit		Total Direct Expenses	Above Direct Expenses	Total Fixed Expenses	Total Specified Expenses <sup>B</sup>	Above Specified Expenses
.....Dollars per unit.....								
Soybeans - Wheat, (dbl. crop) 35 +	50	bu	342.50	219.02	123.48	53.60	272.62	69.88
Wheat (grain), 8-row, (drilled) <sup>B</sup>	40	bu	120.00	93.85	26.15	30.17	124.02	-4.02
Grain Sorghum, 8-row, T	75	bu	175.50	121.39	54.11	39.92	161.32	14.19
Corn grain, 8-row equip. (tenant) <sup>C</sup>	140	bu	252.00	261.28	9.28	39.09	300.37	-48.37

<sup>A</sup> Crop prices used were \$2.25 per bu. for corn, \$1.95 per bu. for Grain Sorghum, \$3.00 per bu. for wheat and \$5.50 per bu. for soybeans.

<sup>B</sup> Farm overhead charges are not included in total specified expenses.

<sup>C</sup> Assumes a corn rental arrangement of 1/5 crop share.

TABLE 8. Breakeven selling prices for Corn, Milo and Wheat for selected yield levels, Red River and Central Areas, Louisiana, 2005.

Crop Description	Base Yield	Unit	Yield Levels				
			-20%	-10%	Base	+10%	+20%
PRICES REQUIRED TO RECOVER TOTAL SPECIFIED EXPENSES							
Wheat, 8-row, drilled	40	bu	3.88	3.45	3.10	2.82	2.58
Grain Sorghum, 8-row, T	75	bu	3.36	2.99	2.69	2.44	2.24
Corn grain, 8-row, T	140	bu	3.31	2.96	2.68	2.45	2.26
PRICES REQUIRED TO RECOVER DIRECT EXPENSES							
Wheat, 8-row, drilled	40	bu	2.93	2.61	2.35	2.13	1.99
Grain Sorghum, 8-row, T	75	bu	2.53	2.25	2.02	1.84	1.72
Corn grain, 8-row, T	140	bu	2.87	2.57	2.33	2.14	1.97

Table 9.A Estimated costs and returns per Acre  
 Conventional Cotton, Sandy Soil, 8-Row Equipment, Solid  
 Owner-Operator, Red River and Central Areas, Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.52	850.0000	442.00	_____
Cotton Seed	lb	0.04	1318.0000	57.99	_____
Cotton checkoff	bale	2.25	-1.7700	-3.98	_____
TOTAL INCOME				----- 496.01	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 2 gal)	appl	2.50	6.0000	15.00	_____
App by Air ( 5 gal)	appl	4.00	1.0000	4.00	_____
HARVEST AIDS					
Dropp 50 WP	lb	58.80	0.2000	11.76	_____
Prep	pt	5.79	1.3300	7.70	_____
GIN/DRY					
Gin	lb	0.08	850.0000	68.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.30	80.0000	24.00	_____
LA Phosphate	lb	0.26	40.0000	10.40	_____
LA Potash	lb	0.15	50.0000	7.50	_____
HERBICIDES					
Treflan HFP	pt	3.19	1.0000	3.19	_____
Cotoran 4L	pt	4.34	2.7000	11.72	_____
Staple 85%	oz	18.70	1.2000	22.44	_____
MSMA6 + Surfactant	pt	2.26	1.3300	3.01	_____
Karmex DF	lb	3.85	1.0000	3.85	_____
INSECTICIDES					
Temik 15G Grit	lb	3.51	3.3300	11.69	_____
Ammo 2.5 EC	oz	1.09	3.8800	4.23	_____
Orthene 90S	lb	9.84	0.4400	4.33	_____
Centric 40WG	oz	4.48	2.0000	8.96	_____
Orthene 97	lb	12.26	1.1600	14.22	_____
Baythroid 2	oz	2.67	2.1120	5.64	_____
Tracer	oz	6.05	2.3300	14.10	_____
Karate Z	oz	2.88	2.0000	5.76	_____
SEED/PLANTS					
Cotton Seed Conv.	thous	0.30	52.5000	15.75	_____
TECHNOLOGY FEE					
Eradication Fee	acre	6.00	1.0000	6.00	_____
SERVICE FEE					
Insect Scouting	acre	9.00	1.0000	9.00	_____
Cotton storage	bale	25.00	1.7700	44.25	_____
Module Hauling	bale	5.00	1.7700	8.85	_____
ADJUVANTS					
Surfactant	pt	1.54	0.6000	0.92	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3123	4.78	_____
LA Hired Labor					
Implements	hour	9.60	0.6163	5.90	_____
Tractors	hour	9.60	1.9440	18.64	_____
Self-Propelled	hour	9.60	0.3123	2.99	_____
DIESEL FUEL					
Tractors	gal	1.45	17.7827	25.78	_____
Self-Propelled	gal	1.45	4.0998	5.95	_____
REPAIR & MAINTENANCE					
Implements	Acre	9.32	1.0000	9.32	_____
Tractors	Acre	6.09	1.0000	6.09	_____
Self-Propelled	Acre	10.93	1.0000	10.93	_____
INTEREST ON OP. CAP.	Acre	14.15	1.0000	14.15	_____
TOTAL DIRECT EXPENSES				----- 450.81	_____
RETURNS ABOVE DIRECT EXPENSES				45.20	_____
FIXED EXPENSES					
Implements	Acre	20.52	1.0000	20.52	_____
Tractors	Acre	41.53	1.0000	41.53	_____
Self-Propelled	Acre	46.75	1.0000	46.75	_____
TOTAL FIXED EXPENSES				----- 108.80	_____
TOTAL SPECIFIED EXPENSES				559.61	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				----- -63.60	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	87.64	1.0000	87.64	_____
RESIDUAL RETURNS				-151.24	_____

Table 9.B Conventional Cotton, Sandy Soil, 8-Row Equipment, Solid Owner-operator, Red River and Central Areas, Louisiana, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
-----dollars-----															
Stalk Shredder	14'	2WD 130	0.117	1.00	Nov	1.39	1.68	1.04	0.69	0.11	1.32				15.93
Subsoiler	3 shank	MFWD 190	0.274	1.00	Dec		4.74								5.53
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Mar	1.36	1.80	0.56	0.69	0.11	1.12				5.53
LA Nitrogen	lb											80.0000	0.30	24.00	24.00
LA Phosphate	lb											50.0000	0.15	7.50	7.50
LA Potash	lb														5.50
Disk & Incorporate	32'	MFWD 225	0.064	1.00	Mar	1.33	1.69	0.58	1.13	0.09	0.93				5.66
Treflan HP	pt											1.0000	3.19	3.19	3.19
Field Cultivate	32'	MFWD 190	0.046	1.00	Apr	0.82	1.08	0.25	1.17	0.04	0.45				3.71
SC Trailer Utility	10 ft	2WD 130	1.000	0.23	Apr	2.73	3.27	0.05	0.23	0.23	2.21				8.49
Ditcher		2WD 130	0.020	1.00	Apr	0.23	0.28	0.02	0.03	0.02	0.19				0.75
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Apr	1.30	1.72	0.28	0.82	0.07	0.71				4.83
Row Cond (Plant)	7'	MFWD 190	0.074	1.00	Apr	1.30	1.72	0.28	0.82	0.07	0.71				4.83
Plant & Pre Foiding	8R-38	MFWD 170	0.077	1.00	May	1.22	1.64	0.95	2.01	0.15	1.48				3.00
Cotoran 4L	pt											1.2000			
Cotton Seed Conv.	thous											52.5000	4.34	5.21	15.71
Temik 15G Grit	lb											3.3300	3.51	11.69	11.69
Cotoran 4L	pt											1.5000	4.34	6.51	6.51
Ammo 2.5 EC	oz											1.2800	1.09	1.40	1.40
Cult & Post	8R-38	MFWD 190	0.081	1.00	May	1.44	1.89	0.43	1.26	0.12	1.17				6.19
Orthene 90S	lb											0.2200	9.84	2.16	2.16
Staple 85%	oz											0.6000	18.70	11.22	11.22
Surfactant	oz											0.2000	1.54	0.31	0.31
Ditcher		2WD 130	0.020	1.00	May	0.23	0.28	0.02	0.03	0.02	0.19				0.75
Cult & Post	8R-38	MFWD 190	0.081	1.00	May	1.44	1.89	0.43	1.26	0.12	1.17				6.19
Staple 85%	oz											0.6000	18.70	11.22	11.22
Surfactant	oz											0.2000	1.54	0.31	0.31
Cult & Post	8R-38	MFWD 190	0.081	1.00	May	1.44	1.89	0.43	1.26	0.12	1.17				6.19
Centric 40WG	oz											2.0000	4.48	8.96	8.96
MSMA6 + Surfactant	pt											1.3300	2.26	3.01	3.01
App by Air (2 gal)	appl			1.00	Jun							0.0000			0.00
Orthene 97	lb											0.3300	13.30	4.50	4.50
Eradication Fee	acre			1.00	Jul							1.0000	6.00	6.00	6.00
App by Air (2 gal)	appl			1.00	Jul							1.0000	2.50	2.50	2.50
Ammo 2.5 EC	oz											2.6000	1.09	2.83	2.83
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jul	1.06	1.42	0.24	0.31	0.10	0.96				3.99
Karmex DF	lb											1.0000	3.85	3.85	3.85
Surfactant	oz											0.2000	3.54	0.71	0.71
App by Air (2 gal)	appl			1.00	Jul							1.0000	2.50	2.50	2.50
Baythroid 2	lb											2.1120	2.67	5.64	5.64
Orthene 97	lb											0.3300	13.30	4.50	4.50
App by Air (2 gal)	appl			1.00	Jul							2.3300	6.00	14.00	14.00
Tracer	oz											0.0000			0.00
App by Air (2 gal)	appl			1.00	Aug							1.0000	5.00	5.00	5.00
Orthene 97	lb											0.5000	3.50	1.75	1.75
App by Air (2 gal)	appl			1.00	Aug							1.0000	5.00	5.00	5.00
Karate Z	oz											2.0000	2.88	5.76	5.76
Orthene 97	lb											1.0000	4.00	4.00	4.00
App by Air (5 gal)	appl			1.00	Sep							0.2000	8.85	1.77	1.77
Prep	pt											1.3300	5.79	7.70	7.70
Cotton Picker-1st-BB		4R38*255hp	0.257	1.00	Sep	13.93	38.58			0.51	6.41				58.92
Module Builder-1st		MFWD 190	0.257	1.00	Sep	4.53	5.98	1.67	3.75	0.25	4.94				20.86
Boil Buggy-1st pick		MFWD 190	0.218	0.25	Sep	0.95	1.27	0.35	0.79	0.10	1.04				4.40
Module Builder-2nd		MFWD 190	0.218	0.25	Sep	0.95	1.27	0.35	0.79	0.10	1.04				4.40
Boil Buggy-2nd pick		MFWD 190	0.218	0.25	Sep	0.95	1.27	0.35	0.79	0.10	1.04				4.40
Cotton Picker-2nd-BB		4R38*255hp	0.218	1.00	Nov	2.85	8.17	0.28	0.63	0.10	1.36				13.88
Gin	lb			1.00	Nov							85.0000	0.08	68.00	68.00
Insect Scouting	acre			1.00	Nov							1.0000	4.00	4.00	4.00
Cotton storage	bale			1.00	Nov							1.7700	2.26	4.00	4.00
Module Hauling	bale			1.00	Nov							1.7700	5.00	8.85	8.85
TOTALS						48.75	88.28	9.32	20.52	3.18	32.31			346.28	545.46
INTEREST ON OPERATING CAPITAL															14.15
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															559.61

Table 10.A Estimated costs and returns per Acre  
Cotton RR, Clay Soil, 8-Row Equipment, Reduced Tillage  
Owner-Operator, Red River and Central Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.52	800.0000	416.00	_____
Cotton Seed	lb	0.04	1240.0000	54.56	_____
Cotton checkoff	bale	2.25	-1.6670	-3.75	_____
				-----	
TOTAL INCOME				466.81	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 5 gal)	appl	4.00	2.0000	8.00	_____
App by Air ( 2 gal)	appl	2.50	4.0000	10.00	_____
HARVEST AIDS					
Dropp 50 WP	lb	58.80	0.2000	11.76	_____
Prep	pt	5.79	1.3300	7.70	_____
GIN/DRY					
Gin	lb	0.08	800.0000	64.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.30	100.0000	30.00	_____
LA Phosphate	lb	0.26	30.0000	7.80	_____
LA Potash	lb	0.15	40.0000	6.00	_____
HERBICIDES					
Roundup WeatherMax	oz	0.45	66.0000	29.70	_____
Cotoran 4L	pt	4.34	1.5000	6.51	_____
Karmex DF	lb	3.85	1.0000	3.85	_____
INSECTICIDES					
Temik 15G Grit	lb	3.51	3.3300	11.69	_____
Ammo 2.5 EC	oz	1.09	2.5600	2.79	_____
Bidrin 8L	oz	0.70	1.6000	1.12	_____
Baythroid 2	oz	2.67	2.1120	5.64	_____
Tracer	oz	6.05	6.4300	38.90	_____
SEED/PLANTS					
Cotton Seed RR	thous	0.31	55.0000	17.05	_____
TECHNOLOGY FEE					
RR Cotton Tech Fee	cap/ac	14.50	1.0000	14.50	_____
Eradication Fee	acre	6.00	1.0000	6.00	_____
SERVICE FEE					
Insect Scouting	acre	9.00	1.0000	9.00	_____
Cotton storage	bale	25.00	1.6670	41.68	_____
Module Hauling	bale	5.00	1.6670	8.34	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3123	4.78	_____
LA Hired Labor					
Implements	hour	9.60	0.5041	4.82	_____
Tractors	hour	9.60	1.4487	13.90	_____
Self-Propelled	hour	9.60	0.3123	2.99	_____
LA Other Labor					
Special Labor	hour	9.60	0.2500	2.40	_____
DIESEL FUEL					
Tractors	gal	1.45	12.7171	18.43	_____
Self-Propelled	gal	1.45	4.0998	5.95	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.14	1.0000	7.14	_____
Tractors	Acre	4.34	1.0000	4.34	_____
Self-Propelled	Acre	10.93	1.0000	10.93	_____
INTEREST ON OP. CAP.	Acre	13.58	1.0000	13.58	_____
				-----	
TOTAL DIRECT EXPENSES				431.31	_____
RETURNS ABOVE DIRECT EXPENSES				35.50	_____
FIXED EXPENSES					
Implements	Acre	14.00	1.0000	14.00	_____
Tractors	Acre	29.64	1.0000	29.64	_____
Self-Propelled	Acre	46.75	1.0000	46.75	_____
				-----	
TOTAL FIXED EXPENSES				90.39	_____
				-----	
TOTAL SPECIFIED EXPENSES				521.70	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-54.89	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	87.64	1.0000	87.64	_____
RESIDUAL RETURNS				-142.53	_____

Table 10.B Estimated resource use and costs for field operations, per Acre  
 Cotton RR, Clay Soil, 8-Row Equipment, Reduced Tillage  
 Owner-operator, Red River and Central Louisiana, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC HOURS	LABOR COST	OPERATING/DURABLE INPUT		TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED			AMOUNT	PRICE	
-----dollars-----														
Stalk Shredder	14'	2WD 130	0.117	1.00	Nov	1.39	1.58	1.04	0.69	0.11	1.13			5.93
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Nov	1.30	1.72	0.28	0.82	0.07	0.71			4.00
App by Air ( 5 gal)	appl				Mar							22.0000	4.00	4.00
Roundup WeatherMax	oz													4.90
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	1.36	1.80	0.56	0.69	0.11	1.12	100.0000	0.30	30.00
LA Nitrogen	lb											30.0000	0.26	7.80
LA Phosphate	lb											40.0000	0.15	6.00
LA Potash	lb													6.00
Row Cond (Plant)	27 lb	MFWD 180	0.075	1.00	Apr	1.07	1.41	0.98	0.81	0.07	0.78			6.82
Plant & Pre Folding	8R-38	MFWD 180	0.075	1.00	Apr	1.07	1.41	0.98	0.81	0.07	0.78			6.82
Cotoran 4L	pt											1.5000	4.34	6.51
Cotton Seed RR	thous											55.0000	0.31	17.06
RR Cotton Tech Fee	cap/vac													14.80
Temik 15G Grit	lb											3.3300	3.51	11.69
Ammo 2.5 EC	oz											1.2800	1.09	1.40
SC Trailer Utility	10 ft	2WD 130	1.000	0.23	Apr	2.73	3.27	0.05	0.23	0.23	2.21			0.49
Ditcher	2WD 130	2WD 130	0.020	1.00	Apr	0.23	0.28	0.02	0.03	0.02	0.19			0.75
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	0.67	0.90	0.10	0.13	0.06	0.61			2.41
Roundup WeatherMax	oz											22.0000	0.45	9.90
Sidin 8L	oz											1.0000	1.12	1.12
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jun	0.67	0.90	0.10	0.13	0.06	0.61			2.41
Roundup WeatherMax	oz											22.0000	0.45	9.90
Ammo 2.5 EC	oz											1.0000	1.09	1.09
Eradication Fee	acre				Jul									6.00
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jul	1.06	1.42	0.24	0.31	0.10	0.96			3.98
Karmex DF	lb				Jul							1.0000	3.85	3.85
App by Air ( 2 gal)	appl				Jul							1.0000	2.50	2.50
Baythroid 2	oz				Jul							2.0000	2.67	5.34
App by Air ( 2 gal)	appl				Jul							2.0000	2.67	5.34
Tracer	oz				Jul							2.3300	0.05	14.50
App by Air ( 2 gal)	appl				Aug							1.0000	2.50	2.50
Tracer	oz				Aug							2.0000	2.50	5.00
App by Air ( 2 gal)	appl				Aug							1.0000	2.50	2.50
Tracer	oz				Aug							2.0000	2.50	5.00
App by Air ( 5 gal)	appl				Sep							0.2000	4.00	0.80
Dropp 50 WP	lb				Sep							1.3300	5.79	7.70
Prep	pt				Sep									1.70
Cotton Picker-1st-BB	4R38"255hp	4R38"255hp	0.257	1.00	Sep	13.93	38.58		3.75	0.51	6.41			58.92
Module Builder-1st	4R38255	MFWD 190	0.257	1.00	Sep	4.53	5.98	1.67	3.75	0.51	4.94			20.87
LA Other Labor	hour				Sep									2.40
Boll Buggy-1st pick	4R38"255hp	MFWD 190	0.257	1.00	Sep	4.53	5.98	1.32	2.96	0.25	2.47			17.26
Boll Buggy-2nd pick	4R38 255hp	MFWD 190	0.218	0.25	Sep	0.95	1.27	0.28	0.63	0.05	0.52			3.65
Cotton Picker-2nd-BB	4R38"255hp	4R38"255hp	0.218	0.25	Sep	2.95	8.17		0.79	0.10	1.36			12.48
Module Builder-2nd	4R38"255hp	MFWD 190	0.218	0.25	Sep	0.95	1.27	0.35	0.79	0.10	1.04			4.40
Gin	lb				Nov							800.0000	0.08	64.00
Insect Scouting	acre				Nov							1.0000	9.00	9.00
Cotton storage	bale				Nov							1.6670	25.00	41.68
Module Hauling	bale				Nov							1.6670	5.00	8.34
TOTALS						39.65	76.39	7.14	14.00	2.82	28.89			508.12
INTEREST ON OPERATING CAPITAL														4.00
UNALLOCATED LABOR														0.00
TOTAL SPECIFIED COST														521.70

Table 11.A Estimated costs and returns per Acre  
 BG/RR Cotton, Sandy Soil, 8-Row Equipment, Solid Plant  
 Tenant-Operator, Red River and Central Areas Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.52	850.0000	442.00	_____
Cotton Seed	lb	0.04	1318.0000	57.99	_____
Cotton checkoff	bale	2.25	-1.4200	-3.20	_____
Lint share rent	lb	0.52	-170.0000	-88.40	_____
Seed share rent	lb	0.05	-264.0000	-13.20	_____
TOTAL INCOME				395.19	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 5 gal)	appl	4.00	2.0000	8.00	_____
App by Air ( 2 gal)	appl	2.50	3.0000	7.50	_____
HARVEST AIDS					
Drop 50 WP	lb	58.80	0.2000	11.76	_____
Prep	pt	5.79	1.3300	7.70	_____
GIN/DRY					
Gin	lb	0.08	680.0000	54.40	_____
FERTILIZERS					
LA Nitrogen	lb	0.30	80.0000	24.00	_____
LA Phosphate	lb	0.26	40.0000	10.40	_____
LA Potash	lb	0.15	50.0000	7.50	_____
HERBICIDES					
Roundup WeatherMax	oz	0.45	66.0000	29.70	_____
Cotoran 4L	pt	4.34	1.2000	5.21	_____
Karmex DF	lb	3.85	1.0000	3.85	_____
INSECTICIDES					
Temik 15G Grit	lb	3.51	3.3300	11.69	_____
Ammo 2.5 EC	oz	1.09	1.2800	1.40	_____
Orthene 90S	lb	9.84	0.2200	2.16	_____
Centric 40WG	oz	4.48	2.0000	8.96	_____
Baythroid 2	oz	2.67	2.1120	5.64	_____
Orthene 97	lb	12.26	0.5000	6.13	_____
Tracer	oz	6.05	2.1000	12.71	_____
Karate Z	oz	2.88	2.0000	5.76	_____
SEED/PLANTS					
Cotton Seed BtRR	thous	0.33	52.5000	17.33	_____
TECHNOLOGY FEE					
BG/RR Cot Tech Fee	cap/ac	43.00	1.0000	43.00	_____
Eradication Fee	acre	6.00	1.0000	6.00	_____
SERVICE FEE					
Insect Scouting	acre	9.00	1.0000	9.00	_____
Cotton storage	bale	25.00	1.4200	35.50	_____
Module Hauling	bale	5.00	1.4200	7.10	_____
ADJUVANTS					
Surfactant	pt	1.54	0.2000	0.31	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3123	4.78	_____
LA Hired Labor					
Implements	hour	9.60	0.5252	5.02	_____
Tractors	hour	9.60	1.5347	14.74	_____
Self-Propelled	hour	9.60	0.3123	2.99	_____
DIESEL FUEL					
Tractors	gal	1.45	13.7397	19.93	_____
Self-Propelled	gal	1.45	4.0998	5.95	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.84	1.0000	7.84	_____
Tractors	Acre	4.69	1.0000	4.69	_____
Self-Propelled	Acre	10.93	1.0000	10.93	_____
INTEREST ON OP. CAP.	Acre	15.41	1.0000	15.41	_____
TOTAL DIRECT EXPENSES				434.99	_____
RETURNS ABOVE DIRECT EXPENSES				-39.80	_____
FIXED EXPENSES					
Implements	Acre	15.14	1.0000	15.14	_____
Tractors	Acre	32.03	1.0000	32.03	_____
Self-Propelled	Acre	46.75	1.0000	46.75	_____
TOTAL FIXED EXPENSES				93.92	_____
TOTAL SPECIFIED EXPENSES				528.91	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-133.72	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	87.64	1.0000	87.64	_____
RESIDUAL RETURNS				-221.36	_____

Table 11.B Estimated resource use and costs for field operations, per Acre  
 BG/RR Cotton, Sandy Soil, 8-Row Equipment, Solid Plant  
 Tenant Operator, Red River and Central Areas Louisiana, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC HOURS	LABOR COST	OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED			AMOUNT	PRICE	COST	
						dollars				dollars			dollars		
Stalk Shredder	14'	2WD 130	0.117	1.00	Nov	1.39	1.68	1.04	0.69	0.11	1.13				5.93
Paratill & Bed Fold.	8R-38	MFWD 225	0.080	1.00	Jan	1.67	2.12	0.74	1.42	0.08	0.78				6.73
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Mar	1.36	1.80	0.56	0.69	0.11	1.12				2.00
LA Nitrogen	lb											80.0000	0.30	24.00	22.00
LA Phosphate	lb											40.0000	0.26	10.40	10.40
LA Potash	lb											50.0000	0.19	9.50	9.50
Roundup WeatherMax	oz			1.00	Apr							22.0000	0.18	3.96	3.96
App by Air (5 gal)	appl											1.0000	4.00	4.00	4.00
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	0.50	Apr	0.66	0.86	0.14	0.41	0.03	0.36				2.43
Row Cond (Plant)	27'	MFWD 190	0.077	1.00	Apr	1.33	1.64	0.98	0.83	0.07	0.73				4.80
Plant & Pre Flding	8R-38	MFWD 170	0.077	1.00	Apr	1.33	1.64	0.98	0.83	0.15	1.48				2.43
Cotoran 4L	pt											1.2000	4.34	5.21	5.21
Cotton Seed BrRR	thous											52.5000	0.33	17.23	17.23
Temik 15C Grit	lb											3.3300	5.51	18.33	18.33
Ammo 2.5 EC	oz											1.2800	1.09	1.40	1.40
BG/RR Cot Tech Fee	cap/ac											1.0000	43.00	43.00	43.00
SC Trailer Utility	10 ft	2WD 130	1.000	0.23	Apr	2.73	3.27	0.05	0.23	0.23	2.21				8.75
Ditcher		2WD 130	0.020	1.00	Apr	0.23	0.28	0.02	0.03	0.02	0.19				0.75
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	0.67	0.90	0.10	0.13	0.06	0.61				3.41
Orthene 90S	lb											0.2200	9.84	2.16	2.16
Roundup WeatherMax	oz											22.0000	0.45	9.90	9.90
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	0.67	0.90	0.10	0.13	0.06	0.61				3.41
Roundup WeatherMax	oz											22.0000	0.45	9.90	9.90
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jun	0.67	0.90	0.10	0.13	0.06	0.61				3.41
Centric 40HG	oz											2.0000	4.48	8.96	8.96
Eradication Fee	acre			1.00	Jul							1.0000	8.00	8.00	8.00
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jul	1.06	1.42	0.24	0.31	0.10	0.96				3.96
Karmex DF	lb											1.0000	3.85	3.85	3.85
Surfactant	pt											0.2000	1.54	0.31	0.31
App by Air (.2 gal)	appl			1.00	Jul							1.0000	2.50	2.50	2.50
Baythroid 2	oz											2.1120	2.37	4.99	4.99
App by Air (.2 gal)	appl			1.00	Aug							1.0000	3.60	3.60	3.60
Orthene 97	lb											0.5000	12.26	6.13	6.13
Tracer	oz											2.1000	6.05	12.71	12.71
App by Air (.2 gal)	appl			1.00	Aug							1.0000	2.50	2.50	2.50
Karate Z	oz											2.0000	2.88	5.76	5.76
App by Air (.5 gal)	appl			1.00	Sep							1.0000	4.00	4.00	4.00
Propp 50 WP	lb											0.3300	58.49	19.17	19.17
Cotton Picker-1st-BB	4R38*255hp	4R38*255hp	0.257	1.00	Sep	13.93	38.58			0.51	6.41				58.92
Module Builder-1st	4R38*255hp	MFWD 190	0.257	1.00	Sep	4.53	9.68	1.67	3.62	0.35	4.34				20.87
Boll Buggy-1st pick	4R38*255hp	MFWD 190	0.257	1.00	Sep	4.53	9.68	1.67	3.62	0.35	4.34				17.27
Boll Buggy-2nd pick	4R38*255hp	MFWD 190	0.218	0.25	Sep	0.95	1.27	0.28	0.63	0.05	0.52				3.65
Cotton Picker-2nd-BB	4R38*255hp	4R38*255hp	0.218	0.25	Sep	0.95	1.27	0.28	0.63	0.05	0.52				12.48
Module Builder-2nd	4R38*255hp	MFWD 190	0.218	0.25	Sep	0.95	1.27	0.35	0.79	0.10	1.04				4.40
Gin	lb			1.00	Nov							680.0000	0.08	54.40	54.40
Insect Scouting	acre			1.00	Nov							1.0000	29.00	29.00	29.00
Cotton storage	bale			1.00	Nov							1.4200	9.00	12.70	12.70
Module Hauling	bale			1.00	Nov							1.4200	9.00	12.70	12.70
TOTALS						41.50	78.78	7.84	15.14	2.68	27.53			342.71	513.50
INTEREST ON OPERATING CAPITAL															15.41
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															528.91

Table 12.A Estimated costs and returns per Acre  
 BG/RR Cotton, Sandy Soil, 12-Row Equipment, Solid Plant  
 Tenant-Operator, Red River and Central Areas Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.52	850.0000	442.00	_____
Cotton Seed	lb	0.04	1318.0000	57.99	_____
Cotton checkoff	bale	2.25	-1.4200	-3.20	_____
Lint share rent	lb	0.52	-170.0000	-88.40	_____
Seed share rent	lb	0.05	-264.0000	-13.20	_____
				-----	
TOTAL INCOME				395.19	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 2 gal)	appl	2.50	3.0000	7.50	_____
App by Air ( 5 gal)	appl	4.00	1.0000	4.00	_____
HARVEST AIDS					
Dropp 50 WP	lb	58.80	0.2000	11.76	_____
Prep	pt	5.79	1.3300	7.70	_____
GIN/DRY					
Gin	lb	0.08	680.0000	54.40	_____
FERTILIZERS					
LA Nitrogen	lb	0.30	80.0000	24.00	_____
LA Phosphate	lb	0.26	40.0000	10.40	_____
LA Potash	lb	0.15	50.0000	7.50	_____
HERBICIDES					
Roundup WeatherMax	oz	0.45	66.0000	29.70	_____
Cotoran 4L	pt	4.34	1.2000	5.21	_____
Karmex DF	lb	3.85	1.0000	3.85	_____
INSECTICIDES					
Temik 15G Grit	lb	3.51	3.3300	11.69	_____
Ammo 2.5 EC	oz	1.09	1.2800	1.40	_____
Orthene 90S	lb	9.84	0.2200	2.16	_____
Centric 40WG	oz	4.48	2.0000	8.96	_____
Baythroid 2	oz	2.67	2.1120	5.64	_____
Orthene 97	lb	12.26	0.5000	6.13	_____
Tracer	oz	6.05	2.1000	12.71	_____
Karate Z	oz	2.88	2.0000	5.76	_____
SEED/PLANTS					
Cotton Seed BtRR	thous	0.33	52.5000	17.33	_____
TECHNOLOGY FEE					
BG/RR Cot Tech Fee	cap/ac	43.00	1.0000	43.00	_____
Eradication Fee	acre	6.00	1.0000	6.00	_____
SERVICE FEE					
Module Hauling	bale	5.00	1.4200	7.10	_____
Insect Scouting	acre	9.00	1.0000	9.00	_____
Cotton storage	bale	25.00	1.4200	35.50	_____
ADJUVANTS					
Surfactant	pt	1.54	0.2000	0.31	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.2793	4.28	_____
LA Hired Labor					
Implements	hour	9.60	0.3082	2.95	_____
Tractors	hour	9.60	1.0247	9.84	_____
Self-Propelled	hour	9.60	0.2440	2.32	_____
DIESEL FUEL					
Tractors	gal	1.45	9.3565	13.55	_____
Self-Propelled	gal	1.45	4.2724	6.18	_____
REPAIR & MAINTENANCE					
Implements	Acre	6.36	1.0000	6.36	_____
Tractors	Acre	3.17	1.0000	3.17	_____
Self-Propelled	Acre	11.51	1.0000	11.51	_____
INTEREST ON OP. CAP.	Acre	14.67	1.0000	14.67	_____
				-----	
TOTAL DIRECT EXPENSES				413.54	_____
RETURNS ABOVE DIRECT EXPENSES				-18.35	_____
FIXED EXPENSES					
Implements	Acre	12.03	1.0000	12.03	_____
Tractors	Acre	21.59	1.0000	21.59	_____
Self-Propelled	Acre	50.63	1.0000	50.63	_____
				-----	
TOTAL FIXED EXPENSES				84.25	_____
				-----	
TOTAL SPECIFIED EXPENSES				497.79	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-102.60	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	87.64	1.0000	87.64	_____
RESIDUAL RETURNS				-190.24	_____

Table 12.B Estimated resource use and costs for field operations, per Acre  
 BG/RR Cotton, Sandy Soil, 12-Row Equipment, Solid Plant  
 Tenant-Operator, Red River and Central Areas Louisiana, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC HOURS	LABOR COST	OPERATING/DURABLE INPUT		TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED			AMOUNT	PRICE	
-----dollars-----														
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Nov	1.15	1.51	1.15	0.76	0.08	0.79			5.36
Paratill & Bed Fold.	12R-38	MFWD 225	0.053	1.00	Jan	1.11	1.41	0.76	1.47	0.05	0.52			5.27
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	1.00	Mar	1.07	1.36	0.46	0.57	0.07	0.75			24.00
LA Nitrogen	lb											80.0000	0.30	24.00
LA Phosphate	lb											40.0000	0.26	10.40
LA Potash	lb											50.0000	0.15	7.50
Sprayer (600-750Gal)	oz	60'	0.017	1.00	Apr	0.39	0.90			0.02	0.35			7.50
Roundup WeatherMax	oz											22.0000	0.45	9.90
Disk Bed (Hipper)	12R-40	MFWD 225	0.049	0.50	Apr	0.50	0.65	0.17	0.49	0.02	0.24			9.90
Row Cond (Plant)	42"	MFWD 225	0.048	1.00	Apr	1.01	1.28	0.19	0.88	0.04	0.47			3.83
Plant & Pre Folding	12R-38	MFWD 190	0.051	1.00	Apr	0.90	1.19	0.84	1.77	0.10	0.98			3.83
Cotton 4L	lb											1.2000	4.34	5.21
Cotton Seed BtRR	lb											52.8000	0.33	17.33
Temik 15G Grit	lb											3.3300	3.51	11.69
Ammo 2.5 EC	oz											1.2800	1.09	1.40
BG/RR Cot Tech Fee	cap/ac											1.0000	43.00	43.00
SC Trailer Utility	10 ft	2WD 130	1.000	0.23	Apr	2.73	3.27	0.05	0.23	0.23	2.21			8.49
Ditcher	2WD 130	2WD 130	0.020	1.00	Apr	0.23	0.28	0.02	0.03	0.02	0.19			0.75
Sprayer (600-750Gal)	lb	60'	0.017	1.00	May	0.39	0.90			0.02	0.35			2.16
Orthene 90S	oz											0.2200	9.84	2.16
Roundup WeatherMax	oz	60'	0.017	1.00	May	0.39	0.90			0.02	0.35			9.90
Sprayer (600-750Gal)	oz	60'	0.017	1.00	Jun	0.39	0.90			0.02	0.35			9.90
Roundup WeatherMax	oz											22.0000	0.45	9.90
Sprayer (600-750Gal)	oz	60'	0.017	1.00	Jun	0.39	0.90			0.02	0.35			9.90
Centric 40WG	oz											1.0000	6.08	8.96
Eradicator Fee	ac/25											1.0000	8.00	8.00
Spray (Direct/Layby)	12R-38	MFWD 170	0.044	1.00	Jul	0.70	0.94	0.30	0.39	0.06	0.64			2.97
Karpex DF	lb											1.0000	3.85	3.85
Surfactant	pt											0.2000	2.50	0.50
App by Air (2 gal)	appl			1.00	Jul							1.0000	2.50	2.50
Baythroid 2	oz											2.1120	3.60	7.64
App by Air (2 gal)	appl			1.00	Aug							1.0000	3.60	3.60
Orthene 97	lb											0.5000	12.26	6.13
Tracer	oz											2.4000	6.05	12.71
App by Air (2 gal)	appl			1.00	Aug							1.0000	2.50	2.50
Karate Z	oz											2.0000	2.88	5.76
App by Air (5 gal)	appl			1.00	Sep							1.0000	4.00	4.00
Propp 50 WP	lb											0.2000	58.80	11.76
Prep	pt											1.3300	5.79	7.70
Cotton picker-1st-BB	6R38*330hp	0.172	1.00	Sep		13.31	38.81			0.34	4.29			56.41
Module Builder-1st	6R38*325hp	0.172	1.00	Sep		3.02	4.00	1.11	2.51	0.34	3.30			12.94
Boil Buggy-1st pick	6R38*325hp	0.172	1.00	Sep		3.02	4.00	0.88	1.98	0.17	1.65			11.83
Module Builder-2nd	6R38*325hp	0.145	0.25	Sep		0.64	0.85	0.24	0.53	0.07	0.70			2.86
Boil Buggy-2nd pick	6R38*325hp	0.145	0.25	Sep		0.64	0.85	0.19	0.42	0.03	0.35			2.45
Cotton picker-2nd-BB	6R38*330hp	0.145	1.00	Oct		2.82	8.22			0.07	0.91			11.95
Module Hauling	bale			1.00	Nov							1.4200	5.00	7.10
Gin	lb			1.00	Nov							680.0000	0.08	54.40
Insect Scouting	acre			1.00	Nov							1.0000	9.00	9.00
Cotton storage	bale			1.00	Nov							1.4200	25.00	35.50
TOTALS						34.41	72.22	6.36	12.03	1.85	19.39			483.12
INTEREST ON OPERATING CAPITAL														14.67
UNALLOCATED LABOR														0.00
TOTAL SPECIFIED COST														497.79

Table 13.A Estimated costs and returns per Acre  
 BG/RR Cotton, 8-Row Equipment, Irrigated  
 Owner-Operator, Red River and Central Areas Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.52	1100.0000	572.00	_____
Cotton Seed	lb	0.04	1705.0000	75.02	_____
Cotton checkoff	bale	2.25	-2.2916	-5.16	_____
TOTAL INCOME				641.86	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 2 gal)	appl	2.50	3.0000	7.50	_____
App by Air ( 5 gal)	appl	4.00	1.0000	4.00	_____
HARVEST AIDS					
Dropp 50 WP	lb	58.80	0.2000	11.76	_____
Prep	pt	5.79	1.3300	7.70	_____
GIN/DRY					
Gin	lb	0.08	1100.0000	88.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.30	90.0000	27.00	_____
LA Phosphate	lb	0.26	50.0000	13.00	_____
LA Potash	lb	0.15	60.0000	9.00	_____
HERBICIDES					
Roundup WeatherMax	oz	0.45	88.0000	39.60	_____
Cotoran 4L	pt	4.34	2.7000	11.72	_____
Karmex DF	lb	3.85	1.0000	3.85	_____
INSECTICIDES					
Temik 15G Grit	lb	3.51	3.3300	11.69	_____
Ammo 2.5 EC	oz	1.09	1.2800	1.40	_____
Orthene 90S	lb	9.84	0.2200	2.16	_____
Centric 40WG	oz	4.48	2.0000	8.96	_____
Tracer	oz	6.05	4.4300	26.80	_____
Orthene 97	lb	12.26	0.5000	6.13	_____
Karate Z	oz	2.88	2.0000	5.76	_____
SEED/PLANTS					
Cotton Seed BTRR	thous	0.33	52.5000	17.33	_____
TECHNOLOGY FEE					
BG/RR Cot Tech Fee	cap/ac	43.00	1.0000	43.00	_____
Eradication Fee	acre	6.00	1.0000	6.00	_____
GROWTH REGULATORS					
Pix Plus	oz	0.51	8.0000	4.08	_____
SERVICE FEE					
Module Hauling	bale	5.00	2.2916	11.46	_____
Insect Scouting	acre	9.00	1.0000	9.00	_____
Cotton storage	bale	25.00	2.2916	57.29	_____
ADJUVANTS					
Surfactant	pt	1.54	0.2000	0.31	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3123	4.78	_____
LA Hired Labor					
Special Labor	hour	9.60	0.2036	1.95	_____
Implements	hour	9.60	0.5464	5.22	_____
Tractors	hour	9.60	1.5703	15.08	_____
Self-Propelled	hour	9.60	0.3123	2.99	_____
DIESEL FUEL					
Tractors	gal	1.45	13.8994	20.16	_____
Self-Propelled	gal	1.45	4.0998	5.95	_____
1/4-mi. Pivot Irr.	gal	1.45	11.2011	16.24	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.48	1.0000	7.48	_____
Tractors	Acre	4.76	1.0000	4.76	_____
Self-Propelled	Acre	10.93	1.0000	10.93	_____
1/4-mi. Pivot Irr.	Acre	10.59	1.0000	10.59	_____
INTEREST ON OP. CAP.	Acre	18.42	1.0000	18.42	_____
TOTAL DIRECT EXPENSES				559.06	_____
RETURNS ABOVE DIRECT EXPENSES				82.80	_____
FIXED EXPENSES					
Implements	Acre	14.67	1.0000	14.67	_____
Tractors	Acre	32.53	1.0000	32.53	_____
Self-Propelled	Acre	46.75	1.0000	46.75	_____
1/4-mi. Pivot Irr.	Acre	41.24	1.0000	41.24	_____
TOTAL FIXED EXPENSES				135.19	_____
TOTAL SPECIFIED EXPENSES				694.25	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-52.39	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	87.64	1.0000	87.64	_____
RESIDUAL RETURNS				-140.03	_____

Table 13.B Estimated resource use and costs for field operations, per Acre  
 BG/RR Cotton, 8-Row Equipment, Irrigated  
 Owner-Operator, Red River and Central Areas, Louisiana, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Stalk Shredder	14'	2WD 130	0.117	1.00	Nov	1.39	1.68	1.04	0.69	0.11	1.13				5.93
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Jan	1.30	1.72	0.28	0.82	0.07	0.71				4.83
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Mar	1.36	1.80	0.56	0.69	0.11	1.12				5.53
LA Nitrogen	lb											90.0000	0.30	27.00	27.00
LA Phosphate	lb											50.0000	0.26	13.00	13.00
LA Potash	lb											60.0000	0.15	9.00	9.00
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Apr	0.67	0.90	0.10	0.13	0.06	0.61				2.41
Roundup WeatherMax	oz											22.0000	0.45	9.90	9.90
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	0.50	Apr	0.66	0.86	0.14	0.41	0.03	0.36				2.43
Row Cond (Plant)	27'	MFWD 190	0.075	1.00	Apr	1.33	1.76	0.18	0.83	0.07	0.73				4.83
Plant & Pre Folding	8R-38	MFWD 170	0.077	1.00	Apr	1.22	1.64	0.95	2.01	0.15	1.48				7.30
Cotoran 4L	pt											1.2000	4.34	5.21	5.21
Cotton Seed BTRR	thous											52.5000	0.33	17.33	17.33
Temik 15G Grit	lb											3.3300	3.51	11.69	11.69
Cotoran 4L	pt											1.5000	4.34	6.51	6.51
Ammo 2.5 EC	oz											1.2800	1.09	1.40	1.40
BG/RR Cot Tech Fee	cap/ac											1.0000	43.00	43.00	43.00
SC Trailer Utility	10 ft	2WD 130	1.000	0.23	Apr	2.73	3.27	0.05	0.23	0.23	2.21				8.49
Ditcher		2WD 130	0.020	1.00	Apr	0.23	0.28	0.02	0.03	0.02	0.19				0.75
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	0.67	0.90	0.10	0.13	0.06	0.61				2.41
Orthene 90S	lb											0.2200	9.84	2.16	2.16
Roundup WeatherMax	oz											22.0000	0.45	9.90	9.90
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	0.67	0.90	0.10	0.13	0.06	0.61				2.41
Roundup WeatherMax	oz											22.0000	0.45	9.90	9.90
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jun	0.67	0.90	0.10	0.13	0.06	0.61				2.41
Centric 40WG	oz											2.0000	4.48	8.96	8.96
Eradication Fee	acre			1.00	Jul							1.0000	6.00	6.00	6.00
1/4-mi. Pivot Irr.					Jul										
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jul	1.06	1.42	0.24	0.31	0.10	0.96				3.99
Karmex DF	lb											1.0000	3.85	3.85	3.85
Surfactant	pt											0.2000	1.54	0.31	0.31
Roundup WeatherMax	oz											22.0000	0.45	9.90	9.90
App by Air ( 2 gal) appl				1.00	Jul							1.0000	2.50	2.50	2.50
Tracer	oz											2.3300	6.05	14.10	14.10
Pix Plus	oz											4.0000	0.51	2.04	2.04
App by Air ( 2 gal) appl				1.00	Aug							1.0000	2.50	2.50	2.50
Orthene 97	lb											0.5000	12.26	6.13	6.13
Tracer	oz											2.1000	6.05	12.71	12.71
App by Air ( 2 gal) appl				1.00	Aug							1.0000	2.50	2.50	2.50
Karate Z	oz											2.0000	2.88	5.76	5.76
Pix Plus	oz											4.0000	0.51	2.04	2.04
App by Air ( 5 gal) appl				1.00	Sep							1.0000	4.00	4.00	4.00
Dropp 50 WP	lb											0.2000	58.80	11.76	11.76
Prep	pt											1.3300	5.79	7.70	7.70
Cotton Picker-1st-BB		4R38*255hp	0.257	1.00	Sep	13.93	38.58			0.51	6.41				58.92
Module Builder-1st	4R38255	MFWD 190	0.257	1.00	Sep	4.53	5.98	1.67	3.75	0.51	4.94				20.87
Boll Buggy-1st pick	4R38*255hp	MFWD 190	0.257	1.00	Sep	4.53	5.98	1.32	2.96	0.25	2.47				17.26
Module Builder-2nd	4R38*255hp	MFWD 190	0.218	0.25	Sep	0.95	1.27	0.35	0.79	0.10	1.04				4.40
Boll Buggy-2nd pick	4R38 255hp	MFWD 190	0.218	0.25	Sep	0.95	1.27	0.28	0.63	0.05	0.52				3.65
Cotton Picker-2nd-BB		4R38*255hp	0.218			2.95	8.17			0.10	1.36				12.48
Module Hauling	bale			1.00	Oct							2.2916	5.00	11.46	11.46
Gin	lb			1.00	Nov							1100.0000	0.08	88.00	88.00
Insect Scouting	acre			1.00	Nov							1.0000	9.00	9.00	9.00
Cotton storage	bale			1.00	Nov							2.2916	25.00	57.29	57.29
1/4-mi. Pivot Irr.	Acres				Jul			26.83	41.24	0.20	1.95				70.02
												1.0000			
TOTALS						41.80	79.28	34.31	55.91	2.94	30.02			434.51	675.83
INTEREST ON OPERATING CAPITAL															18.42
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															694.25

Table 14.A Estimated costs and returns per Acre  
 Soybeans, Stale Seedbed, 8- 38" Row Equipment  
 Owner-Operator, Red River and Central Areas Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	5.50	35.0000	192.50	_____
				-----	
TOTAL INCOME				192.50	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 5 gal)	appl	4.00	1.0000	4.00	_____
App by Air ( 2 gal)	appl	2.50	2.0000	5.00	_____
HERBICIDES					
Roundup Ultra MAX	pt	6.84	1.0000	6.84	_____
Harmony Extra	oz	12.48	0.3300	4.12	_____
Dual II Magnum	pt	13.49	1.5000	20.24	_____
Sencor 4F	pt	12.15	0.7500	9.11	_____
INSECTICIDES					
Karate Z	oz	2.88	3.6000	10.37	_____
SEED/PLANTS					
Soybean Seed Private	lb	0.38	50.0000	19.00	_____
ADJUVANTS					
Surfactant	pt	1.54	0.3000	0.46	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
LA Hired Labor					
Implements	hour	9.60	0.1106	1.06	_____
Tractors	hour	9.60	0.3138	3.01	_____
Self-Propelled	hour	9.60	0.3080	2.96	_____
LA Other Labor					
Special Labor	hour	9.60	0.0784	0.75	_____
DIESEL FUEL					
Tractors	gal	1.45	2.8594	4.14	_____
Harvesters	gal	1.45	1.2047	1.75	_____
GASOLINE					
Self-Propelled	gal	1.78	1.4000	2.49	_____
REPAIR & MAINTENANCE					
Implements	Acre	2.11	1.0000	2.11	_____
Tractors	Acre	1.00	1.0000	1.00	_____
Harvesters	Acre	1.58	1.0000	1.58	_____
Self-Propelled	Acre	6.71	1.0000	6.71	_____
INTEREST ON OP. CAP.	Acre	4.52	1.0000	4.52	_____
				-----	
TOTAL DIRECT EXPENSES				112.52	_____
RETURNS ABOVE DIRECT EXPENSES				79.98	_____
FIXED EXPENSES					
Implements	Acre	4.55	1.0000	4.55	_____
Tractors	Acre	6.82	1.0000	6.82	_____
Harvesters	Acre	6.78	1.0000	6.78	_____
Self-Propelled	Acre	9.35	1.0000	9.35	_____
				-----	
TOTAL FIXED EXPENSES				27.50	_____
				-----	
TOTAL SPECIFIED EXPENSES				140.02	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				52.48	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	75.54	1.0000	75.54	_____
RESIDUAL RETURNS				-23.06	_____

Table 14.B Estimated resource use and costs for field operations, per Acre  
 Soybeans, Stale Seedbed, 8- 38" Row Equipment  
 Owner-Operator, Red River and Central Areas Louisiana, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Bed (Hipper)Pld	8R-38	MFWD 190	0.074	1.00	Oct	1.30	1.72	0.28	0.82	0.07	0.71				4.83
App by Air ( 5 gal)	appl			1.00	May							1.0000	4.00	4.00	4.00
Roundup Ultra MAX	pt											1.0000	6.84	6.84	6.84
Harmony Extra	oz											0.3300	12.48	4.12	4.12
Surfactant	pt											0.2000	1.54	0.31	0.31
Plant & Pre Rigid	8R-38	MFWD 170	0.077	1.00	May	1.22	1.64	0.72	1.52	0.15	1.48				6.58
Soybean Seed Private	lb											50.0000	0.38	19.00	19.00
Dual II Magnum	pt											1.5000	13.49	20.24	20.24
Ditcher		2WD 130	0.020	1.00	May	0.23	0.28	0.02	0.03	0.02	0.19				0.75
Row Cond (Plant)	27'	MFWD 190	0.075	1.00	May	1.33	1.76	0.18	0.83	0.07	0.73				4.83
Spray (Direct/Hood)	8R-38	MFWD 170	0.066	1.00	Jun	1.06	1.42	0.42	0.55	0.10	0.96				4.41
Sencor 4F	pt											0.7500	12.15	9.11	9.11
Surfactant	pt											0.1000	1.54	0.15	0.15
App by Air ( 2 gal)	appl			1.00	Jul							1.0000	2.50	2.50	2.50
Karate Z	oz											1.6000	2.88	4.61	4.61
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.50	2.50	2.50
Karate Z	oz											2.0000	2.88	5.76	5.76
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	3.33	6.78	0.49	0.80	0.08	1.30				12.70
LA Truck		5 Ton	1.000	0.28	Oct	9.20	9.35			0.30	2.96				21.51
LA Other Labor	hour									0.07	0.75				0.75
TOTALS						17.67	22.95	2.11	4.55	0.89	9.08			79.14	135.50
INTEREST ON OPERATING CAPITAL															4.52
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															140.02

Table 15.A Estimated costs and returns per Acre  
 RR Soybeans, Stale Seedbed, 8- 38" Row Equipment  
 Owner-Operator, Red River and Central Areas Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	5.50	35.0000	192.50	_____
TOTAL INCOME				192.50	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 5 gal)	appl	4.00	2.0000	8.00	_____
App by Air ( 2 gal)	appl	2.50	2.0000	5.00	_____
HERBICIDES					
Roundup Ultra MAX	pt	6.84	1.0000	6.84	_____
Harmony Extra	oz	12.48	0.3300	4.12	_____
Roundup Original Max	pt	5.98	4.0000	23.92	_____
INSECTICIDES					
Karate Z	oz	2.88	3.6000	10.37	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.56	50.0000	28.00	_____
ADJUVANTS					
Surfactant	pt	1.54	0.2000	0.31	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
LA Hired Labor					
Implements	hour	9.60	0.0954	0.91	_____
Tractors	hour	9.60	0.2864	2.75	_____
Self-Propelled	hour	9.60	0.3080	2.96	_____
LA Other Labor					
Special Labor	hour	9.60	0.0784	0.75	_____
DIESEL FUEL					
Tractors	gal	1.45	2.6192	3.79	_____
Harvesters	gal	1.45	1.2047	1.75	_____
GASOLINE					
Self-Propelled	gal	1.78	1.4000	2.49	_____
REPAIR & MAINTENANCE					
Implements	Acre	1.62	1.0000	1.62	_____
Tractors	Acre	0.91	1.0000	0.91	_____
Harvesters	Acre	1.58	1.0000	1.58	_____
Self-Propelled	Acre	6.71	1.0000	6.71	_____
INTEREST ON OP. CAP.	Acre	4.65	1.0000	4.65	_____
TOTAL DIRECT EXPENSES				118.73	_____
RETURNS ABOVE DIRECT EXPENSES				73.77	_____
FIXED EXPENSES					
Implements	Acre	3.77	1.0000	3.77	_____
Tractors	Acre	6.24	1.0000	6.24	_____
Harvesters	Acre	6.78	1.0000	6.78	_____
Self-Propelled	Acre	9.35	1.0000	9.35	_____
TOTAL FIXED EXPENSES				26.14	_____
TOTAL SPECIFIED EXPENSES				144.87	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				47.63	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	75.54	1.0000	75.54	_____
RESIDUAL RETURNS				-27.91	_____

Table 15.B Estimated resource use and costs for field operations, per Acre  
 RR Soybeans, Stale Seedbed, 8- 38" Row Equipment  
 Owner-Operator, Red River and Central Areas Louisiana, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Oct	1.30	1.72	0.28	0.82	0.07	0.71				4.83
App by Air ( 5 gal)	appl			1.00	May							1.0000	4.00	4.00	4.00
Roundup Ultra	MAX pt											1.0000	6.84	6.84	6.84
Harmony Extra	oz											0.3300	12.48	4.12	4.12
Surfactant	pt											0.2000	1.54	0.31	0.31
Plant - Rigid	8R-38	MFWD 170	0.074	1.00	May	1.17	1.58	0.55	1.16	0.14	1.42				5.88
Soybean Seed RR	lb											50.0000	0.56	28.00	28.00
Ditcher		2WD 130	0.020	1.00	May	0.23	0.28	0.02	0.03	0.02	0.19				0.75
Row Cond (Plant)	27'	MFWD 190	0.075	1.00	May	1.33	1.76	0.18	0.83	0.07	0.73				4.83
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jun	0.67	0.90	0.10	0.13	0.06	0.61				2.41
Roundup Original	Max pt											2.0000	5.98	11.96	11.96
App by Air ( 5 gal)	appl			1.00	Jun							1.0000	4.00	4.00	4.00
Roundup Original	Max pt											2.0000	5.98	11.96	11.96
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.50	2.50	2.50
Karate Z	oz											1.6000	2.88	4.61	4.61
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.50	2.50	2.50
Karate Z	oz											2.0000	2.88	5.76	5.76
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	3.33	6.78	0.49	0.80	0.08	1.30				12.70
LA Truck	5 Ton		1.000	0.28	Oct	9.20	9.35			0.30	2.96				21.51
LA Other Labor	hour									0.07	0.75				0.75
TOTALS						17.23	22.37	1.62	3.77	0.85	8.67			86.56	140.22
INTEREST ON OPERATING CAPITAL															4.65
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															144.87

Table 16.A Estimated costs and returns per Acre  
 RR Soybeans, Stale Seedbed, 12-20" Row Equipment  
 Tenant-Operator, Red River and Central Areas Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	5.50	35.0000	192.50	_____
Soybean share rent	bu	5.50	-7.0000	-38.50	_____
				-----	
TOTAL INCOME				154.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 5 gal)	appl	4.00	2.0000	8.00	_____
App by Air ( 2 gal)	appl	2.50	2.0000	5.00	_____
HERBICIDES					
Roundup Ultra MAX	pt	6.84	5.0000	34.20	_____
Harmony Extra	oz	12.48	0.3300	4.12	_____
INSECTICIDES					
Karate Z	oz	2.88	3.6000	10.37	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.56	50.0000	28.00	_____
ADJUVANTS					
Surfactant	pt	1.54	0.2000	0.31	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
LA Hired Labor					
Implements	hour	9.60	0.1151	1.10	_____
Tractors	hour	9.60	0.2643	2.54	_____
Self-Propelled	hour	9.60	0.3080	2.96	_____
LA Other Labor					
Special Labor	hour	9.60	0.1984	1.90	_____
DIESEL FUEL					
Tractors	gal	1.45	2.5426	3.68	_____
Harvesters	gal	1.45	1.2047	1.75	_____
GASOLINE					
Self-Propelled	gal	1.78	1.4000	2.49	_____
REPAIR & MAINTENANCE					
Implements	Acre	2.07	1.0000	2.07	_____
Tractors	Acre	0.86	1.0000	0.86	_____
Harvesters	Acre	1.58	1.0000	1.58	_____
Self-Propelled	Acre	6.71	1.0000	6.71	_____
INTEREST ON OP. CAP.	Acre	4.89	1.0000	4.89	_____
				-----	
TOTAL DIRECT EXPENSES				123.83	_____
RETURNS ABOVE DIRECT EXPENSES				30.17	_____
FIXED EXPENSES					
Implements	Acre	4.33	1.0000	4.33	_____
Tractors	Acre	5.96	1.0000	5.96	_____
Harvesters	Acre	6.78	1.0000	6.78	_____
Self-Propelled	Acre	9.35	1.0000	9.35	_____
				-----	
TOTAL FIXED EXPENSES				26.42	_____
				-----	
TOTAL SPECIFIED EXPENSES				150.25	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				3.75	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	75.54	1.0000	75.54	_____
RESIDUAL RETURNS				-71.79	_____

Table 16.B Estimated resource use and costs for field operations, per Acre  
 RR Soybeans, Stale Seedbed, 12-20" Row Equipment  
 Tenant-Operator, Red River and Central Areas Louisiana, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	32'	MFWD 225	0.061	1.00	Oct	1.26	1.61	0.51	1.19	0.06	0.59				5.16
App by Air ( 5 gal)	appl			1.00	May							1.0000	4.00	4.00	4.00
Roundup Ultra MAX	pt											1.0000	6.84	6.84	6.84
Harmony Extra	oz											0.3300	12.48	4.12	4.12
Surfactant	pt											0.2000	1.54	0.31	0.31
Plant - Rigid	12R-20	MFWD 190	0.094	1.00	May	1.65	2.18	0.91	1.91	0.18	1.80				8.45
LA Other Labor	hour														1.15
Soybean Seed RR	lb											50.0000	0.56	28.00	28.00
Ditcher		2WD 130	0.020	1.00	May	0.23	0.28	0.02	0.03	0.02	0.19				0.75
Roller	32'	MFWD 170	0.046	1.00	May	0.73	0.99	0.04	0.27	0.04	0.45				2.48
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jun	0.67	0.90	0.10	0.13	0.06	0.61				2.41
Roundup Ultra MAX	pt											2.0000	6.84	13.68	13.68
App by Air ( 5 gal)	appl			1.00	Jun							1.0000	4.00	4.00	4.00
Roundup Ultra MAX	pt											2.0000	6.84	13.68	13.68
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.50	2.50	2.50
Karate Z	oz											1.6000	2.88	4.61	4.61
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.50	2.50	2.50
Karate Z	oz											2.0000	2.88	5.76	5.76
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	3.33	6.78	0.49	0.80	0.08	1.30				12.70
LA Truck	5 Ton		1.000	0.28	Oct	9.20	9.35				0.30				21.51
LA Other Labor	hour														0.75
TOTALS						17.07	22.09	2.07	4.33	0.97	9.80			90.00	145.36
INTEREST ON OPERATING CAPITAL															4.89
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															150.25

Table 17.A Estimated costs and returns per Acre  
 Soybeans, Clay Soil, 8-Row Equipment, Drill Plant,  
 Tenant-Operator, Red River and Central Areas Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	5.50	30.0000	165.00	_____
Soybean share rent	bu	5.50	-6.0000	-33.00	_____
				-----	
TOTAL INCOME				132.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 5 gal)	appl	4.00	2.0000	8.00	_____
App by Air ( 2 gal)	appl	2.50	2.0000	5.00	_____
HERBICIDES					
2,4-D Amine 4	pt	1.64	2.0000	3.28	_____
Roundup Original Max	pt	5.98	2.0000	11.96	_____
Treflan HFP	pt	3.19	2.0000	6.38	_____
Scepter 70 DG	oz	3.53	2.8000	9.88	_____
Reflex 2LC	pt	11.49	1.0000	11.49	_____
INSECTICIDES					
Karate Z	oz	2.88	1.6000	4.61	_____
SEED/PLANTS					
Soybean Seed Private	lb	0.38	60.0000	22.80	_____
ADJUVANTS					
Surfactant	pt	1.54	0.4000	0.62	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.1021	1.56	_____
LA Hired Labor					
Implements	hour	9.60	0.1107	1.06	_____
Tractors	hour	9.60	0.2884	2.76	_____
Self-Propelled	hour	9.60	0.3080	2.96	_____
LA Other Labor					
Special Labor	hour	9.60	0.0784	0.75	_____
DIESEL FUEL					
Tractors	gal	1.45	2.5069	3.63	_____
Harvesters	gal	1.45	1.4457	2.10	_____
GASOLINE					
Self-Propelled	gal	1.78	1.4000	2.49	_____
REPAIR & MAINTENANCE					
Implements	Acre	2.69	1.0000	2.69	_____
Tractors	Acre	0.88	1.0000	0.88	_____
Harvesters	Acre	1.90	1.0000	1.90	_____
Self-Propelled	Acre	6.71	1.0000	6.71	_____
INTEREST ON OP. CAP.	Acre	5.01	1.0000	5.01	_____
				-----	
TOTAL DIRECT EXPENSES				118.52	_____
RETURNS ABOVE DIRECT EXPENSES				13.48	_____
FIXED EXPENSES					
Implements	Acre	5.78	1.0000	5.78	_____
Tractors	Acre	5.97	1.0000	5.97	_____
Harvesters	Acre	8.13	1.0000	8.13	_____
Self-Propelled	Acre	9.35	1.0000	9.35	_____
				-----	
TOTAL FIXED EXPENSES				29.23	_____
				-----	
TOTAL SPECIFIED EXPENSES				147.75	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-15.75	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	87.64	1.0000	87.64	_____
RESIDUAL RETURNS				-103.39	_____

Table 17.B Estimated resource use and costs for field operations, per Acre  
 Soybeans, Clay Soil, 8-Row Equipment, Drill Plant,  
 Tenant-Operator, Red River and Central Areas Louisiana, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	28'	MFWD 170	0.070	1.00	Oct	1.11	1.49	0.52	1.21	0.07	0.67				5.00
App by Air ( 5 gal)	appl			1.00	Apr							1.0000	4.00	4.00	4.00
2,4-D Amine 4	pt											2.0000	1.64	3.28	3.28
Roundup Original Max	pt											2.0000	5.98	11.96	11.96
Disk & Incorporate	32'	MFWD 170	0.064	1.00	Apr	1.02	1.37	0.58	1.13	0.09	0.93				5.03
Treflan HFP	pt											2.0000	3.19	6.38	6.38
Row Cond (Harrow)	27'	MFWD 150	0.055	1.00	May	0.77	1.01	0.13	0.61	0.05	0.53				3.05
Grain Drill & Pre	24'	MFWD 190	0.078	1.00	May	1.38	1.82	0.93	1.96	0.15	1.50				7.59
Soybean Seed Private	lb											60.0000	0.38	22.80	22.80
Scepter 70 DG	oz											2.8000	3.53	9.88	9.88
Ditcher		2WD 130	0.020	1.00	May	0.23	0.28	0.02	0.03	0.02	0.19				0.75
App by Air ( 5 gal)	appl			1.00	Jun							1.0000	4.00	4.00	4.00
Blazer 2L	pt											1.0000			
Surfactant	pt											0.4000	1.54	0.62	0.62
App by Air ( 2 gal)	appl			1.00	Jul							1.0000	2.50	2.50	2.50
Reflex 2LC	pt											1.0000	11.49	11.49	11.49
App by Air ( 2 gal)	appl			1.00	Aug							1.0000	2.50	2.50	2.50
Karate Z	oz											1.6000	2.88	4.61	4.61
Header - Soybean	25' Flex	275hp	0.102	1.00	Sep	4.00	8.13	0.51	0.84	0.10	1.56				15.04
LA Truck	5 Ton		1.000	0.28	Oct	9.20	9.35			0.30	2.96				21.51
LA Other Labor	hour									0.07	0.75				0.75
TOTALS						17.71	23.45	2.69	5.78	0.88	9.09			84.02	142.74
INTEREST ON OPERATING CAPITAL															5.01
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															147.75

Table 18.A Estimated costs and returns per Acre  
 Corn, Sandy Soil, 8-Row Equipment (38" Rows), Tenant-  
 Operator, Red River and Central Areas Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Corn	bu	2.25	140.0000	315.00	_____
Corn share rent	bu	2.25	-28.0000	-63.00	_____
TOTAL INCOME				252.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 3 gal)	appl	3.00	1.0000	3.00	_____
App by Air ( 2 gal)	appl	2.50	2.0000	5.00	_____
GIN/DRY					
Dry Corn	bu	0.19	112.0000	21.28	_____
FERTILIZERS					
LA Phosphate	lb	0.26	50.0000	13.00	_____
LA Potash	lb	0.15	70.0000	10.50	_____
LA Nitrogen	lb	0.30	180.0000	54.00	_____
HERBICIDES					
Atrazine 4L	pt	1.26	2.0000	2.52	_____
Lasso 4EC	qt	5.92	1.5000	8.88	_____
Dual II Magnum	pt	13.49	1.3300	17.94	_____
INSECTICIDES					
Counter CR	lb	2.77	7.0000	19.39	_____
Pounce 3.2 EC	oz	1.05	1.6000	1.68	_____
Asana .66 XL	oz	0.71	6.0000	4.26	_____
SEED/PLANTS					
Corn Seed Conv.	thous	1.43	30.0000	42.90	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.1009	1.54	_____
LA Hired Labor					
Special Labor	hour	9.60	0.2800	2.69	_____
Implements	hour	9.60	0.1580	1.51	_____
Tractors	hour	9.60	0.5285	5.08	_____
Self-Propelled	hour	9.60	0.4400	4.22	_____
DIESEL FUEL					
Tractors	gal	1.45	4.5888	6.65	_____
Harvesters	gal	1.45	1.4285	2.07	_____
GASOLINE					
Self-Propelled	gal	1.78	2.0000	3.56	_____
REPAIR & MAINTENANCE					
Implements	Acre	3.48	1.0000	3.48	_____
Tractors	Acre	1.58	1.0000	1.58	_____
Harvesters	Acre	1.88	1.0000	1.88	_____
Self-Propelled	Acre	9.58	1.0000	9.58	_____
INTEREST ON OP. CAP.	Acre	13.09	1.0000	13.09	_____
TOTAL DIRECT EXPENSES				261.28	_____
RETURNS ABOVE DIRECT EXPENSES				-9.28	_____
FIXED EXPENSES					
Implements	Acre	6.93	1.0000	6.93	_____
Tractors	Acre	10.77	1.0000	10.77	_____
Harvesters	Acre	8.04	1.0000	8.04	_____
Self-Propelled	Acre	13.35	1.0000	13.35	_____
TOTAL FIXED EXPENSES				39.09	_____
TOTAL SPECIFIED EXPENSES				300.37	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-48.37	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	87.64	1.0000	87.64	_____
RESIDUAL RETURNS				-136.01	_____

Table 18.B Estimated resource use and costs for field operations, per Acre  
 Corn, Sandy Soil, 8-Row Equipment (38" Rows), Tenant-  
 Operator, Red River and Central Areas Louisiana, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	0.74	0.98	0.14	0.30	0.08	0.80				2.96
LA Phosphate	lb											50.0000	0.26	13.00	13.00
LA Potash	lb											70.0000	0.15	10.50	10.50
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	1.30	1.72	0.22	0.64	0.07	0.71				4.59
App by Air ( 3 gal)	appl			1.00	Feb							1.0000	3.00	3.00	3.00
Glyphosate Plus 4L	pt											2.0000			
Ditcher		2WD 130	0.020	1.00	Mar	0.23	0.28	0.02	0.03	0.02	0.19				0.75
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	0.50	Mar	0.66	0.86	0.11	0.32	0.03	0.36				2.31
Roller	32'	MFWD 170	0.046	1.00	Mar	0.73	0.99	0.04	0.27	0.04	0.45				2.48
Plant & Pre Rigid	8R-38	MFWD 170	0.077	1.00	Mar	1.22	1.64	0.72	1.52	0.15	1.48				6.58
LA Hired Labor	hour									0.12	1.15				1.15
Corn Seed Conv.	thous											30.0000	1.43	42.90	42.90
Atrazine 4L	pt											2.0000	1.26	2.52	2.52
Lasso 4EC	qt											1.5000	5.92	8.88	8.88
Counter CR	lb											7.0000	2.77	19.39	19.39
Dual II Magnum	pt											1.3300	13.49	17.94	17.94
LA Nitrogen	lb											30.0000	0.30	9.00	9.00
Ditcher		2WD 130	0.020	1.00	Mar	0.23	0.28	0.02	0.03	0.02	0.19				0.75
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	1.36	1.80	0.56	0.69	0.11	1.12				5.53
LA Nitrogen	lb											150.0000	0.30	45.00	45.00
Ditcher		2WD 130	0.020	1.00	Apr	0.23	0.28	0.02	0.03	0.02	0.19				0.75
App by Air ( 2 gal)	appl			1.00	May							1.0000	2.50	2.50	2.50
Pounce 3.2 EC	oz											1.6000	1.05	1.68	1.68
App by Air ( 2 gal)	appl			1.00	Jun							1.0000	2.50	2.50	2.50
Asana .66 XL	oz											6.0000	0.71	4.26	4.26
Header - Corn	8R38"	275hp	0.100	1.00	Aug	3.95	8.04	0.93	1.53	0.10	1.54				15.99
Dry Corn	bu											112.0000	0.19	21.28	21.28
LA Truck		5 Ton	1.000	0.40	Aug	13.14	13.35			0.44	4.22				30.71
LA Hired Labor	hour									0.16	1.54				1.54
Corn Grain Cart	8R30	2WD 130	0.127	0.25	Aug	0.38	0.45	0.13	0.25	0.03	0.31				1.52
Disk Harrow	24'	MFWD 150	0.081	1.00	Aug	1.15	1.49	0.57	1.32	0.08	0.79				5.32
TOTALS						25.32	32.16	3.48	6.93	1.50	15.04			204.35	287.28
INTEREST ON OPERATING CAPITAL															13.09
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															300.37

Table 19.A Estimated costs and returns per Acre  
 Grain Sorghum, 8-Row Equipment (38" Rows), Tenant-Operator  
 Red River and Central Areas Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Grain Sorghum	bu	1.95	75.0000	146.25	_____
Sorghum Rent	bu	1.95	15.0000	29.25	_____
				-----	
TOTAL INCOME				175.50	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 2 gal)	appl	2.50	2.0000	5.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.30	120.0000	36.00	_____
HERBICIDES					
Atrazine 4L	pt	1.26	4.0000	5.04	_____
Lasso 4EC	qt	5.92	2.2500	13.32	_____
INSECTICIDES					
Karate Z	oz	2.88	1.5000	4.32	_____
SEED/PLANTS					
Sorghum NonConcept	lb	1.20	8.0000	9.60	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
LA Hired Labor					
Special Labor	hour	9.60	0.2425	2.33	_____
Implements	hour	9.60	0.1160	1.11	_____
Tractors	hour	9.60	0.6279	6.03	_____
Self-Propelled	hour	9.60	0.3850	3.70	_____
DIESEL FUEL					
Tractors	gal	1.45	5.3640	7.77	_____
Harvesters	gal	1.45	1.2047	1.75	_____
GASOLINE					
Self-Propelled	gal	1.78	1.7500	3.12	_____
REPAIR & MAINTENANCE					
Implements	Acre	3.79	1.0000	3.79	_____
Tractors	Acre	1.89	1.0000	1.89	_____
Harvesters	Acre	1.58	1.0000	1.58	_____
Self-Propelled	Acre	8.39	1.0000	8.39	_____
INTEREST ON OP. CAP.	Acre	5.35	1.0000	5.35	_____
				-----	
TOTAL DIRECT EXPENSES				121.39	_____
RETURNS ABOVE DIRECT EXPENSES				54.11	_____
FIXED EXPENSES					
Implements	Acre	8.69	1.0000	8.69	_____
Tractors	Acre	12.77	1.0000	12.77	_____
Harvesters	Acre	6.78	1.0000	6.78	_____
Self-Propelled	Acre	11.68	1.0000	11.68	_____
				-----	
TOTAL FIXED EXPENSES				39.92	_____
				-----	
TOTAL SPECIFIED EXPENSES				161.31	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				14.19	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	87.64	1.0000	87.64	_____
RESIDUAL RETURNS				-73.45	_____

Table 17.B Estimated resource use and costs for field operations, per Acre  
 Grain Sorghum, 8-Row Equipment (38" Rows), Tenant-Opera  
 Red River and Central Areas Louisiana, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	28'	MFWD 170	0.070	2.00	Apr	2.21	2.97	1.04	2.42	0.14	1.35				9.99
Row Cond (Plant)	27'	MFWD 150	0.075	1.00	Apr	1.06	1.38	0.18	0.83	0.07	0.73				4.18
LA Hired Labor	hour			1.00	Apr					0.12	1.15				1.15
Atrazine 4L	pt											2.0000	1.26	2.52	2.52
Lasso 4EC	qt											1.5000	5.92	8.88	8.88
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Apr	1.30	1.72	0.22	0.64	0.07	0.71				4.59
Ditcher		2WD 130	0.020	1.00	May	0.23	0.28	0.02	0.03	0.02	0.19				0.75
Plant & Pre Rigid	8R-38	MFWD 170	0.077	1.00	May	1.22	1.64	0.72	1.52	0.15	1.48				6.58
Atrazine 4L	pt											2.0000	1.26	2.52	2.52
Sorghum NonConcept	lb											8.0000	1.20	9.60	9.60
Lasso 4EC	qt											0.7500	5.92	4.44	4.44
Cultivate	8R-38	MFWD 150	0.081	1.00	May	1.14	1.49	0.32	0.94	0.08	0.78				4.67
Cultivate	8R-38	MFWD 150	0.081	1.00	May	1.14	1.49	0.32	0.94	0.08	0.78				4.67
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Jun	1.36	1.80	0.56	0.69	0.11	1.12				5.53
LA Nitrogen	lb											120.0000	0.30	36.00	36.00
App by Air ( 2 gal)	appl			1.00	Jun							1.0000	2.50	2.50	2.50
Karate Z	oz													2.88	
App by Air ( 2 gal)	appl			1.00	Jul							1.0000	2.50	2.50	2.50
Karate Z	oz											1.5000	2.88	4.32	4.32
Header Wheat/Sorghum	30' Rigid	275hp	0.085	1.00	Aug	3.33	6.78	0.41	0.68	0.08	1.30				12.50
LA Truck		5 Ton	1.000	0.35	Aug	11.51	11.68			0.38	3.70				26.89
LA Hired Labor	hour									0.12	1.18				1.18
TOTALS						24.50	31.23	3.79	8.69	1.45	14.47			73.28	155.96
INTEREST ON OPERATING CAPITAL															5.35
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															161.31

Table 20.A Estimated costs and returns per Acre  
Wheat, 8-Row Equipment, Drill Plant, Owner-Operator,  
Alluvial Soil, Red River and Central Areas, Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Wheat	bu	3.00	40.0000	120.00	_____
				-----	
TOTAL INCOME				120.00	_____
DIRECT EXPENSES					
FERTILIZERS					
LA Nitrogen	lb	0.30	80.0000	24.00	_____
SEED/PLANTS					
Wheat Seed Private	lb	0.39	90.0000	35.10	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.1021	1.56	_____
LA Hired Labor					
Implements	hour	9.60	0.0785	0.75	_____
Tractors	hour	9.60	0.4145	3.98	_____
Self-Propelled	hour	9.60	0.3080	2.96	_____
LA Other Labor					
Special Labor	hour	9.60	0.0784	0.75	_____
DIESEL FUEL					
Tractors	gal	1.45	3.3833	4.90	_____
Harvesters	gal	1.45	1.2617	1.83	_____
GASOLINE					
Self-Propelled	gal	1.78	1.4000	2.49	_____
REPAIR & MAINTENANCE					
Implements	Acre	2.47	1.0000	2.47	_____
Tractors	Acre	1.17	1.0000	1.17	_____
Harvesters	Acre	1.69	1.0000	1.69	_____
Self-Propelled	Acre	6.71	1.0000	6.71	_____
INTEREST ON OP. CAP.	Acre	3.49	1.0000	3.49	_____
				-----	
TOTAL DIRECT EXPENSES				93.85	_____
RETURNS ABOVE DIRECT EXPENSES				26.15	_____
FIXED EXPENSES					
Implements	Acre	5.74	1.0000	5.74	_____
Tractors	Acre	7.87	1.0000	7.87	_____
Harvesters	Acre	7.21	1.0000	7.21	_____
Self-Propelled	Acre	9.35	1.0000	9.35	_____
				-----	
TOTAL FIXED EXPENSES				30.17	_____
				-----	
TOTAL SPECIFIED EXPENSES				124.02	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-4.02	_____

Table 20.B Estimated resource use and costs for field operations, per Acre  
Wheat, 8-Row Equipment, Drill Plant, Owner-Operator,  
Red River and Central Areas Louisiana, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	28'	MFWD 170	0.070	2.00	Oct	2.21	2.97	1.04	2.42	0.14	1.35				9.99
Row Cond (Plant)	27'	MFWD 150	0.075	1.00	Oct	1.06	1.38	0.18	0.83	0.07	0.73				4.18
Grain Drill	24'	MFWD 190	0.078	1.00	Oct	1.38	1.82	0.78	1.65	0.15	1.50				7.13
Wheat Seed Private	lb											90.0000	0.39	35.10	35.10
SC Trailer Utility	10 ft	2WD 130	1.000	0.10	Oct	1.19	1.42	0.02	0.10	0.10	0.96				3.69
Ditcher		2WD 130	0.020	1.00	Oct	0.23	0.28	0.02	0.03	0.02	0.19				0.75
LA Nitrogen	lb			1.00	Feb							80.0000	0.30	24.00	24.00
Header Wheat/Sorghum	25' Rigid	240hp	0.102	1.00	May	3.52	7.21	0.43	0.71	0.10	1.56				13.43
LA Truck		5 Ton	1.000	0.28	May	9.20	9.35				0.30				21.51
LA Other Labor	hour										0.07				0.75
TOTALS						18.79	24.43	2.47	5.74	0.98	10.00			59.10	120.53
INTEREST ON OPERATING CAPITAL															3.49
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															124.02

Table 21.A Estimated costs and returns per Acre  
Wheat and Soybeans, (double crop), Owner-Operator  
Red River and Central Areas Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Wheat	bu	3.00	50.0000	150.00	_____
Soybeans	bu	5.50	35.0000	192.50	_____
				-----	
TOTAL INCOME				342.50	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 2 gal)	appl	2.50	1.0000	2.50	_____
App by Air ( 5 gal)	appl	4.00	1.0000	4.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.30	80.0000	24.00	_____
HERBICIDES					
Roundup Ultra MAX	pt	6.84	6.0000	41.04	_____
Lasso 4EC	qt	5.92	1.0000	5.92	_____
Scepter 70 DG	oz	3.53	0.3330	1.18	_____
INSECTICIDES					
Karate Z	oz	2.88	4.0000	11.52	_____
SEED/PLANTS					
Wheat Seed Private	lb	0.39	90.0000	35.10	_____
Soybean Seed RR	lb	0.56	50.0000	28.00	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.2043	3.12	_____
LA Hired Labor					
Implements	hour	9.60	0.2519	2.41	_____
Tractors	hour	9.60	0.4871	4.67	_____
Self-Propelled	hour	9.60	0.6160	5.92	_____
LA Other Labor					
Special Labor	hour	9.60	0.2768	2.65	_____
DIESEL FUEL					
Tractors	gal	1.45	4.5798	6.64	_____
Harvesters	gal	1.45	2.7075	3.93	_____
GASOLINE					
Self-Propelled	gal	1.78	2.8000	4.98	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.23	1.0000	4.23	_____
Tractors	Acre	1.57	1.0000	1.57	_____
Harvesters	Acre	3.59	1.0000	3.59	_____
Self-Propelled	Acre	13.42	1.0000	13.42	_____
INTEREST ON OP. CAP.	Acre	8.63	1.0000	8.63	_____
				-----	
TOTAL DIRECT EXPENSES				219.02	_____
RETURNS ABOVE DIRECT EXPENSES				123.48	_____
FIXED EXPENSES					
Implements	Acre	8.75	1.0000	8.75	_____
Tractors	Acre	10.81	1.0000	10.81	_____
Harvesters	Acre	15.34	1.0000	15.34	_____
Self-Propelled	Acre	18.70	1.0000	18.70	_____
				-----	
TOTAL FIXED EXPENSES				53.60	_____
				-----	
TOTAL SPECIFIED EXPENSES				272.62	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				69.88	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	87.64	1.0000	87.64	_____
RESIDUAL RETURNS				-17.76	_____

Table 19.B Estimated resource use and costs for field operations, per Acre  
Wheat and Soybeans, (double crop), Owner-Operator  
Alluvial Soil, Northeast Louisiana, 2005

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC	LABOR	OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	28'	MFWD 170	0.070	1.00	Oct	1.11	1.49	0.52	1.21	0.07	0.67				5.00
Row Cond (Plant)	27'	MFWD 190	0.075	1.00	Oct	1.33	1.76	0.18	0.83	0.07	0.73				4.83
Grain Drill	30'	MFWD 225	0.062	1.00	Oct	1.30	1.65	0.79	1.66	0.12	1.20				6.60
Wheat Seed Private	lb											90.0000	0.39	35.10	35.10
Ditcher		2WD 130	0.020	1.00	Nov	0.23	0.28	0.02	0.03	0.02	0.19				0.75
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Feb	0.74	0.98	0.14	0.30	0.08	0.80				2.96
LA Nitrogen	lb											80.0000	0.30	24.00	24.00
Header Wheat/Sorghum	25' Rigid	240hp	0.102	1.00	May	3.52	7.21	0.43	0.71	0.10	1.56				13.43
LA Truck	5 Ton	5 Ton	1.000	0.28	May	9.20	9.35			0.30	2.96				21.51
LA Other Labor	hour									0.07	0.75				0.75
Spray (Bcast/HB)	30' Fold	MFWD 170	0.056	1.00	May	0.89	1.20	0.25	0.33	0.08	0.81				3.48
Roundup Ultra MAX	pt											2.0000	6.84	13.68	13.68
NT Plant&Pre-Rigid	12R-20	MFWD 190	0.097	1.00	May	1.71	2.27	1.27	2.68	0.19	1.88				9.81
LA Other Labor	hour									0.12	1.15				1.15
Soybean Seed RR	lb											50.0000	0.56	28.00	28.00
Lasso 4EC	qt											1.0000	5.92	5.92	5.92
Scepter 70 DG	oz											0.3330	3.53	1.18	1.18
Ditcher		2WD 130	0.020	1.00	Jun	0.23	0.28	0.02	0.03	0.02	0.19				0.75
App by Air ( 2 gal)	appl			1.00	Jun							1.0000	2.50	2.50	2.50
Karate Z	oz											2.0000	2.88	5.76	5.76
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jul	0.67	0.90	0.10	0.13	0.06	0.61				2.41
Roundup Ultra MAX	pt											2.0000	6.84	13.68	13.68
App by Air ( 5 gal)	appl			1.00	Jul							1.0000	4.00	4.00	4.00
Roundup Ultra MAX	pt											2.0000	6.84	13.68	13.68
Karate Z	oz											2.0000	2.88	5.76	5.76
Header - Soybean	25' Flex	275hp	0.102	1.00	Oct	4.00	8.13	0.51	0.84	0.10	1.56				15.04
LA Truck	5 Ton	5 Ton	1.000	0.28	Oct	9.20	9.35			0.30	2.96				21.51
LA Other Labor	hour									0.07	0.75				0.75
TOTALS						34.13	44.85	4.23	8.75	1.83	18.77			153.26	263.99
INTEREST ON OPERATING CAPITAL															8.63
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															272.62

Appendix Table 1. Tractors/Harvesters: estimated purchase price, annual use, useful life, fuel use, and direct and fixed cost per hour, Louisiana, 2005

Item Name	Size	Purchase Price	Annual Use	Useful Life	Fuel Use	Labor	Fuel	R&M	Total Direct	Fixed	Total Cost
		dollars	hours	years	gal/hr				-----\$/hour-----		
Combine (170-199 hp)	190hp	0	300	8	9.78	15.30	14.18	0.00	29.48	0.00	29.48
Combine (200-249 hp)	240hp	158,351	300	8	12.35	15.30	17.90	16.49	49.70	70.58	120.28
Combine (225-274 hp)	Track250hp	0	300	8	12.87	15.30	18.66	0.00	33.96	0.00	33.96
Combine (250-299 hp)	275hp	178,604	300	8	14.15	15.30	20.51	18.60	54.42	79.60	134.02
Combine (250-299hp)	Grass295hp	185,482	300	8	15.18	15.30	22.01	19.32	56.63	82.67	139.30
Combine (275-299 hp)	Track290hp	0	300	8	14.93	15.30	21.64	0.00	36.94	0.00	36.94
Combine (300-349 hp)	325hp	195,469	300	8	16.73	15.30	24.25	20.36	59.91	87.12	147.04
Combine (300-349hp)	Track320hp	0	300	8	16.47	15.30	23.88	0.00	39.18	0.00	39.18
Combine (350-379 hp)	370hp	219,584	300	8	19.04	15.30	27.60	22.87	65.78	97.87	163.65
Combine (350-379 hp)	Track365hp	0	300	8	18.79	15.30	27.24	0.00	42.54	0.00	42.54
Cotton Stripper	173hp	127,292	200	8	9.00	15.30	13.06	19.88	48.25	85.10	133.35
SC Tractor 93 MDR	93	46,683	600	10	4.79	9.60	6.94	2.72	19.26	8.68	27.95
SC Tractpr 68 MDR	68	27,049	600	10	3.50	9.60	5.07	1.57	16.25	5.03	21.28
Tractor( 40-59hp)Cab	2WD 50	25,922	600	8	2.57	9.60	3.73	0.81	14.14	5.34	19.48
Tractor( 40-59hp)Cab	MFWD 50	31,452	600	8	2.57	9.60	3.73	0.98	14.31	6.48	20.80
Tractor( 40-59hp)RB	2WD 50	18,032	600	8	2.57	9.60	3.73	0.56	13.89	3.71	17.61
Tractor( 40-59hp)RB	MFWD 50	23,276	600	8	2.57	9.60	3.73	0.72	14.05	4.80	18.86
Tractor( 60-89hp)CAB	2WD 75	36,354	600	8	3.86	9.60	5.59	1.13	16.33	7.49	23.83
Tractor( 60-89hp)CAB	MFWD 75	41,504	600	8	3.86	9.60	5.59	1.29	16.49	8.56	25.05
Tractor( 60-89hp)RB	2WD 75	27,487	600	8	3.86	9.60	5.59	0.85	16.05	5.66	21.72
Tractor( 60-89hp)RB	MFWD 75	33,772	600	8	3.86	9.60	5.59	1.05	16.25	6.96	23.21
Tractor( 90-119hp)CB	2WD 105	52,055	600	8	5.40	9.60	7.83	1.62	19.06	10.73	29.80
Tractor( 90-119hp)CB	MFWD 105	59,498	600	8	5.40	9.60	7.83	1.85	19.29	12.27	31.56
Tractor( 90-119hp)RB	2WD 105	40,934	600	8	5.40	9.60	7.83	1.27	18.71	8.44	27.15
Tractor( 90-119hp)RB	MFWD 105	47,777	600	8	5.40	9.60	7.83	1.49	18.92	9.85	28.78
Tractor(120-139hp)CB	2WD 130	69,025	600	8	6.69	9.60	9.70	2.15	21.45	14.23	35.69
Tractor(120-139hp)CB	MFWD 130	78,468	600	8	6.69	9.60	9.70	2.45	21.75	16.18	37.93
Tractor(140-159hp)CB	2WD 150	77,542	600	8	7.72	9.60	11.19	2.42	23.21	15.99	39.21
Tractor(140-159hp)CB	MFWD 150	88,497	600	8	7.72	9.60	11.19	2.76	23.56	18.25	41.81
Tractor(160-179hp)CB	2WD 170	86,873	600	8	8.75	9.60	12.68	2.71	25.00	18.63	43.64
Tractor(160-179hp)CB	MFWD 170	98,816	600	8	8.75	9.60	12.68	3.08	25.37	21.20	46.57
Tractor(160-199hp)CB	Track 180	126,343	600	8	9.26	9.60	13.43	3.94	26.98	27.10	54.09
Tractor(180-199hp)CB	2WD 190	99,356	600	8	9.77	9.60	14.18	3.10	26.88	21.31	48.20
Tractor(180-199hp)CB	MFWD 190	108,199	600	8	9.77	9.60	14.18	3.38	27.16	23.21	50.37
Tractor(200-249hp)CB	4WD 225	120,401	600	8	11.58	9.60	16.79	3.76	30.15	25.83	55.98
Tractor(200-249hp)CB	MFWD 225	122,500	600	8	11.58	9.60	16.79	3.82	30.22	26.28	56.50
Tractor(200-249hp)CB	Track 225	145,539	600	8	11.58	9.60	16.79	4.54	30.94	31.22	62.16
Tractor(250-349hp)CB	4WD 300	137,673	600	8	15.44	9.60	22.39	4.30	36.29	29.53	65.83
Tractor(250-349hp)CB	Track 300	175,647	600	8	15.44	9.60	22.39	5.48	37.47	37.68	75.16
Tractor(350-449hp)CB	4WD 400	166,493	600	8	20.58	9.60	29.85	5.20	44.65	35.72	80.37
Tractor(350-449hp)CB	Track 400	206,325	600	8	20.58	9.60	29.85	6.44	45.90	44.26	90.17
Tractor(450-uphp)CB	TRACK-475	221,902	600	8	24.44	9.60	35.45	6.93	51.98	47.61	99.59

Notes:

Labor: Includes allocated labor from power unit.

Total Direct: Does not include interest on operating capital.

Appendix Table 2. Self-propelled machines: estimated purchase price, annual use, useful life, fuel use, performance rate, and direct and fixed cost per acre, Louisiana, 2005

Item Name	Size	Purchase Price	Annual Use	Useful Life	Fuel Use	Perf Rate	Labor	Fuel	R&M	Total Direct	Fixed	Total Cost
		dollars	hours	years	gal/hr	hr/ac	-----\$/acre-----					
ATV - 4 Wheeler	12'	0	100	8	1.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
ATV - 4 Wheeler	20'	0	100	8	1.00	0.200	1.96	0.35	0.00	2.32	0.00	2.32
Butt Levee (Backhoe)	70 HP	54,723	150	8	5.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
Cotton Picker-1st-BB	2R38"157hp	131,738	200	8	8.08	0.519	11.29	6.08	10.69	28.08	45.76	73.85
Cotton Picker-1st-BB	4R2X1260hp	0	200	8	13.33	0.172	3.74	3.33	0.00	7.07	0.00	7.07
Cotton Picker-1st-BB	4R30"250hp	221,869	200	8	12.86	0.327	7.11	6.10	11.34	24.57	48.56	73.13
Cotton Picker-1st-BB	4R30"325hp	262,617	200	8	16.72	0.327	7.11	7.94	13.43	28.49	57.48	85.97
Cotton Picker-1st-BB	4R38"255hp	223,827	200	8	13.12	0.257	6.41	4.90	9.01	20.33	38.57	58.91
Cotton Picker-1st-BB	4R38"325hp	263,547	200	8	16.72	0.257	6.41	6.25	10.61	23.28	45.42	68.70
Cotton Picker-1st-BB	5R30"255hp	234,115	200	8	13.12	0.261	5.69	4.98	9.58	20.25	40.99	61.25
Cotton Picker-1st-BB	4R38"325hp	249,398	200	8	12.86	0.207	4.50	3.86	8.07	16.44	34.54	50.99
Cotton Picker-1st-BB	6R30"325hp	329,325	200	8	16.72	0.218	4.74	5.29	11.23	21.26	48.05	69.32
Cotton Picker-1st-BB	6R38"330hp	336,851	200	8	16.98	0.172	4.29	4.24	9.06	17.60	38.80	56.40
Cotton Picker-1st-Tr	2R38"157hp	131,738	200	8	8.08	0.519	11.29	6.08	10.69	28.08	45.76	73.85
Cotton Picker-1st-Tr	4R2X1260hp	0	200	8	13.33	0.172	3.74	3.33	0.00	7.07	0.00	7.07
Cotton Picker-1st-Tr	4R30"250hp	221,869	200	8	12.86	0.327	7.11	6.10	11.34	24.57	48.56	73.13
Cotton Picker-1st-Tr	4R30"325hp	262,617	200	8	16.72	0.327	7.11	7.94	13.43	28.49	57.48	85.97
Cotton Picker-1st-Tr	4R38"255hp	223,827	200	8	13.12	0.257	5.60	4.90	9.01	19.52	38.57	58.10
Cotton Picker-1st-Tr	4R38"325hp	263,547	200	8	16.72	0.257	5.60	6.25	10.61	22.47	45.42	67.89
Cotton Picker-1st-Tr	5R30"255hp	234,115	200	8	13.12	0.261	5.69	4.98	9.58	20.25	40.99	61.25
Cotton Picker-1st-Tr	5R38"250hp	249,398	200	8	12.86	0.207	4.50	3.86	8.07	16.44	34.54	50.99
Cotton Picker-1st-Tr	6R30"325hp	329,325	200	8	16.72	0.218	4.74	5.29	11.23	21.26	48.05	69.32
Cotton Picker-1st-Tr	6R38"330hp	336,851	200	8	16.98	0.172	3.74	4.24	9.06	17.05	38.80	55.86
Cotton Picker-2nd-BB	2R38"157hp	131,738	200	8	8.08	0.440	9.56	5.15	9.06	23.78	38.76	62.55
Cotton Picker-2nd-BB	4R2x1260hp	0	200	8	13.33	0.145	3.17	2.82	0.00	5.99	0.00	5.99
Cotton Picker-2nd-BB	4R30"250hp	221,869	200	8	12.86	0.277	6.02	5.17	9.61	20.81	41.13	61.95
Cotton Picker-2nd-BB	4R30"325hp	262,617	200	8	16.72	0.277	6.02	6.72	11.37	24.13	48.69	72.82
Cotton Picker-2nd-BB	4R38"255hp	223,827	200	8	13.12	0.218	5.43	4.15	7.63	17.22	32.67	49.90
Cotton Picker-2nd-BB	4R38"325hp	263,547	200	8	16.72	0.218	4.74	5.29	8.99	19.03	38.47	57.50
Cotton Picker-2nd-BB	5R30"255hp	234,115	200	8	13.12	0.221	5.52	4.22	8.11	17.86	34.72	52.58
Cotton Picker-2nd-BB	5R38"250hp	249,398	200	8	12.86	0.175	3.81	3.27	6.83	13.92	29.26	43.19
Cotton Picker-2nd-BB	6R30"325hp	329,325	200	8	16.72	0.184	4.01	4.48	9.51	18.01	40.70	58.72
Cotton Picker-2nd-BB	6R38"330hp	336,851	200	8	16.98	0.145	3.63	3.59	7.68	14.91	32.86	47.78
Cotton Picker-2nd-Tr	2R38"157hp	131,738	200	8	8.08	0.440	9.56	5.15	9.06	23.78	38.76	62.55
Cotton Picker-2nd-Tr	4R2X1260hp	0	200	8	13.33	0.145	3.17	2.82	0.00	5.99	0.00	5.99
Cotton Picker-2nd-Tr	4R30"250hp	221,869	200	8	12.86	0.277	6.02	5.17	9.61	20.81	41.13	61.95
Cotton Picker-2nd-Tr	4R30"325hp	262,617	200	8	16.72	0.277	6.02	6.72	11.37	24.13	48.69	72.82
Cotton Picker-2nd-Tr	4R38"255hp	223,827	200	8	13.12	0.218	5.43	4.15	7.63	17.22	32.67	49.90
Cotton Picker-2nd-Tr	4R38"325hp	263,547	200	8	16.72	0.218	4.74	5.29	8.99	19.03	38.47	57.50
Cotton Picker-2nd-Tr	5R30"255hp	234,115	200	8	13.12	0.221	4.82	4.22	8.11	17.16	34.72	51.88
Cotton Picker-2nd-Tr	5R38"250hp	249,398	200	8	12.86	0.175	3.81	3.27	6.83	13.92	29.26	43.19
Cotton Picker-2nd-Tr	6R30"325hp	329,325	200	8	16.72	0.184	4.01	4.48	9.51	18.01	40.70	58.72
Cotton Picker-2nd-Tr	6R38"330hp	336,851	200	8	16.98	0.145	3.17	3.59	7.68	14.44	32.86	47.31
LA Pickup Truck	1/2 ton	25,000	800	5	2.50	1.000	9.60	4.45	2.81	16.86	6.94	23.81
LA Rice Combine	25 ft	165,000	300	10	8.60	0.300	5.05	3.74	13.21	22.01	21.63	43.65
LA Rice Combine-2	25 ft	165,000	300	10	8.60	0.300	5.05	3.74	13.21	22.01	21.63	43.65
LA Truck	5 Ton	115,000	400	12	5.00	1.000	10.56	8.90	23.95	43.41	33.38	76.80
LARice Combine Med	20 ft	150,000	300	10	7.10	0.210	3.53	2.16	8.40	14.10	13.76	27.86
Levee Sprayer	27'	30,768	350	8	2.57	0.038	0.50	0.14	0.06	0.70	0.45	1.15
SC Billet Harvester	6 ft	210,000	600	10	9.00	0.598	10.07	7.81	20.95	38.85	27.14	65.99
SC Harvester 1Rw	6 ft	115,000	400	12	6.80	0.598	10.07	5.90	14.34	30.32	19.98	50.31
SC Harvester 2Rw	12 ft	180,000	400	12	8.00	0.300	5.05	3.48	11.26	19.79	15.69	35.49
SC Loader 1Rw	6 ft	60,000	425	10	5.10	0.598	6.32	4.42	6.17	16.92	11.07	27.99
SC Loader 2Rw	12 ft	112,000	425	10	7.00	0.300	3.17	3.04	5.77	11.99	10.36	22.36
SC Transloader		30,000	120	12	4.70	0.250	2.64	1.70	3.75	8.09	7.25	15.35
SC Truck&Trailer	30 Ton	45,000	400	10	7.00	1.000	10.56	10.15	7.87	28.58	14.73	43.32
Sprayer( 300-450Gal)	47'	0	350	8	5.40	0.022	0.45	0.17	0.00	0.62	0.00	0.62
Sprayer( 300-450Gal)	60'	68,431	350	8	5.66	0.017	0.35	0.14	0.06	0.56	0.46	1.02
Sprayer( 300-450Gal)	80'	69,414	350	8	5.66	0.013	0.26	0.10	0.04	0.42	0.35	0.77
Sprayer( 600-750Gal)	60'	134,067	350	8	10.29	0.017	0.35	0.26	0.12	0.74	0.90	1.64
Sprayer( 600-825Gal)	80'	140,803	350	8	10.29	0.013	0.26	0.19	0.09	0.56	0.71	1.27
Sprayer( 600-825Gal)	90'	142,542	350	8	10.29	0.014	0.28	0.21	0.10	0.60	0.76	1.36
Sprayer(1000-1400Gal)	90'	194,839	350	8	14.15	0.014	0.28	0.28	0.14	0.71	1.04	1.76
Sprayer(1200PlusGal)	120'	199,314	350	8	15.44	0.010	0.21	0.23	0.11	0.56	0.80	1.36

Notes:

Labor: includes allocated labor plus any additional labor from self-propelled machine.

Direct: Does not include interest on operating capital.

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acreLouisiana, 2005

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost
									Imp.	P.U.		Imp.	P.U.	
			dollars	hours	years	hr/ac	-----\$/acre-----							
Blade-Box	6'	2WD 130	631	200	20	0.020	0.19	0.19	0.00	0.04	0.43	0.00	0.28	0.72
Blade-Box	10'	2WD 50	1,114	200	20	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Blade-Box	14'	2WD 50	3,656	200	20	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Blade-Scraper	6'	2WD 50	764	200	20	1.176	11.29	4.39	0.42	0.66	16.77	0.38	4.37	21.53
Blade-Scraper	10'	2WD 50	2,066	200	20	1.176	11.29	4.39	1.15	0.66	17.50	1.04	4.37	22.92
Blade-Scraper	14'	2WD 50	4,273	200	20	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Boll Buggy-1st Pick	2R38"157hp	MFWD 190	20,405	200	10	0.519	4.98	7.36	2.65	1.75	16.76	5.95	12.06	34.78
Boll Buggy-1st pick	4R2x1260hp	MFWD 190	20,405	200	10	0.172	1.65	2.44	0.87	0.58	5.55	1.97	4.00	11.53
Boll Buggy-1st pick	4R30"255hp	MFWD 190	20,405	200	10	0.327	3.14	4.64	1.67	1.10	10.56	3.75	7.60	21.91
Boll Buggy-1st pick	4R30"325hp	MFWD 190	20,405	200	10	0.327	3.14	4.64	1.67	1.10	10.56	3.75	7.60	21.91
Boll Buggy-1st pick	4R38"255hp	MFWD 190	20,405	200	10	0.257	2.47	3.65	1.31	0.87	8.31	2.95	5.98	17.25
Boll Buggy-1st pick	4R38"325hp	MFWD 190	20,405	200	10	0.257	2.47	3.65	1.31	0.87	8.31	2.95	5.98	17.25
Boll Buggy-1st pick	5R30"255hp	MFWD 190	20,405	200	10	0.261	2.51	3.71	1.33	0.88	8.44	3.00	6.08	17.53
Boll Buggy-1st pick	4R38"255hp	MFWD 190	20,405	200	10	0.207	1.98	2.93	1.05	0.70	6.68	2.37	4.81	13.87
Boll Buggy-1st pick	6R30"325hp	MFWD 190	20,405	200	10	0.218	2.09	3.09	1.11	0.73	7.04	2.50	5.06	14.61
Boll Buggy-1st pick	6R38"325hp	MFWD 190	20,405	200	10	0.172	1.65	2.44	0.87	0.58	5.55	1.97	4.00	11.53
Boll Buggy-2nd pick	2R38"157hp	MFWD 190	20,405	200	10	0.440	4.22	6.24	2.24	1.48	14.20	5.04	10.21	29.46
Boll Buggy-2nd pick	4R2x1260hp	MFWD 190	20,405	200	10	0.145	1.40	2.06	0.74	0.49	4.70	1.67	3.38	9.77
Boll Buggy-2nd pick	4R30"255hp	MFWD 190	20,405	200	10	0.277	2.66	3.93	1.41	0.93	8.94	3.17	6.43	18.56
Boll Buggy-2nd pick	4R30"325hp	MFWD 190	20,405	200	10	0.277	2.66	3.93	1.41	0.93	8.94	3.17	6.43	18.56
Boll Buggy-2nd pick	4R38 255hp	MFWD 190	20,405	200	10	0.218	2.09	3.09	1.11	0.73	7.04	2.50	5.06	14.61
Boll Buggy-2nd pick	4R38 325hp	MFWD 190	20,405	200	10	0.218	2.09	3.09	1.11	0.73	7.04	2.50	5.06	14.61
Boll Buggy-2nd pick	5R30"255hp	MFWD 190	20,405	200	10	0.221	2.12	3.14	1.13	0.75	7.15	2.54	5.15	14.85
Boll Buggy-2nd pick	5R38"255hp	MFWD 190	20,405	200	10	0.175	1.68	2.48	0.89	0.59	5.66	2.01	4.07	11.74
Boll Buggy-2nd pick	6R30"325hp	MFWD 190	20,405	200	10	0.184	1.77	2.62	0.94	0.62	5.96	2.11	4.29	12.37
Boll Buggy-2nd pick	6R38"325hp	MFWD 190	20,405	200	10	0.145	1.40	2.06	0.74	0.49	4.70	1.67	3.38	9.77
Boll Buggy-Stripper	13' Bcast	MFWD 150	20,405	200	10	0.251	2.41	2.81	1.28	0.69	7.21	2.88	4.59	14.70
Boll Buggy-Stripper	16' Bcast	MFWD 150	20,405	200	10	0.204	1.96	2.29	1.04	0.56	5.86	2.34	3.73	11.94
Boll Buggy-Stripper	19' Bcast	MFWD 150	20,405	200	10	0.172	1.65	1.92	0.87	0.47	4.93	1.97	3.14	10.05
Boll Buggy-Stripper	4R20"2X1Br	MFWD 150	20,405	200	10	0.218	2.09	2.44	1.11	0.60	6.25	2.50	3.98	12.74
Boll Buggy-Stripper	4R30"Brush	MFWD 150	20,405	200	10	0.327	3.14	3.66	1.67	0.90	9.38	3.75	5.97	19.11
Boll Buggy-Stripper	4R38"2X1Br	MFWD 150	20,405	200	10	0.172	1.65	1.92	0.87	0.47	4.93	1.97	3.14	10.05
Boll Buggy-Stripper	4R38"Brush	MFWD 150	20,405	200	10	0.257	2.47	2.88	1.31	0.71	7.38	2.95	4.70	15.04
Boll Buggy-Stripper	5R30"Brush	MFWD 150	20,405	200	10	0.261	2.51	2.93	1.33	0.72	7.50	3.00	4.78	15.29
Boll Buggy-Stripper	5R38"Brush	MFWD 150	20,405	200	10	0.207	1.98	2.31	1.05	0.57	5.93	2.37	3.78	12.09
Boll Buggy-Stripper	6R30"Brush	MFWD 150	20,405	200	10	0.218	2.09	2.44	1.11	0.60	6.25	2.50	3.98	12.74
Chisel Plow(Folding)	16'	2WD 130	10,090	150	12	0.115	1.10	1.12	0.42	0.24	2.90	0.81	1.64	5.35
Chisel Plow(Folding)	24'	MFWD 190	18,861	150	12	0.076	0.73	1.08	0.52	0.25	2.59	1.00	1.77	5.37
Chisel Plow(Folding)	32'	MFWD 225	23,327	150	12	0.057	0.55	0.97	0.48	0.22	2.23	0.93	1.51	4.69
Chisel Plow(Folding)	42'	MFWD 225	25,880	150	12	0.044	0.42	0.73	0.41	0.16	1.74	0.79	1.15	3.69
Chisel Plow(Rigid)	15'	2WD 130	6,324	150	12	0.123	1.18	1.19	0.28	0.26	2.92	0.54	1.75	5.22
Chisel Plow(Rigid)	24'	MFWD 190	5,445	150	12	0.077	0.73	1.09	0.15	0.26	2.24	0.29	1.78	4.32
Chisel-Harrow	21 shank	2WD 190	6,294	150	12	0.088	0.84	1.24	0.20	0.27	2.56	0.38	1.87	4.83
Chisel-Harrow	27 shank	MFWD 225	7,745	150	12	0.068	0.65	1.14	0.19	0.26	2.26	0.36	1.79	4.42
Colter-Chisel-Harrow	21 shank	2WD 190	10,868	150	12	0.088	0.84	1.24	0.34	0.27	2.71	0.66	1.87	5.25
Colter-Chisel-Harrow	27 shank	MFWD 225	12,318	150	12	0.071	0.69	1.20	0.31	0.27	2.49	0.61	1.88	4.99
Corn Grain Cart 8R30	500 bu	MFWD 190	15,237	200	12	0.127	1.22	1.81	0.52	0.43	3.99	1.01	2.96	7.97
Corn Grain Cart 8R40	700bu	MFWD 190	19,105	200	12	0.095	0.91	1.35	0.49	0.32	3.09	0.95	2.22	6.26
Cult & Post	4R-38	2WD 105	13,874	150	10	0.162	2.33	1.27	0.60	0.20	4.41	1.74	1.37	7.53
Cult & Post	6R-30	MFWD 150	17,553	150	10	0.137	1.98	1.53	0.64	0.38	4.54	1.86	2.50	8.92
Cult & Post	6R-38	MFWD 150	17,650	150	10	0.108	1.56	1.21	0.51	0.30	3.58	1.48	1.98	7.05
Cult & Post	8R-30	MFWD 190	19,688	150	10	0.103	1.48	1.46	0.54	0.34	3.83	1.57	2.39	7.80
Cult & Post	8R-38	MFWD 190	19,915	150	10	0.081	1.17	1.15	0.43	0.27	3.03	1.25	1.89	6.18
Cult & Post	8R-38 2x1	MFWD 190	31,328	150	10	0.054	0.78	0.76	0.45	0.18	2.18	1.31	1.26	4.76
Cult & Post	10R-30	MFWD 225	23,126	150	10	0.082	1.18	1.38	0.50	0.31	3.39	1.47	2.16	7.04
Cult & Post	10R-38	MFWD 225	0	150	10	0.065	0.93	1.09	0.00	0.24	2.27	0.00	1.71	3.98
Cult & Post	12R-30	MFWD 225	30,525	150	10	0.068	0.99	1.15	0.55	0.26	2.96	1.62	1.80	6.39
Cult & Post	12R-38	MFWD 225	31,328	150	10	0.054	0.78	0.91	0.45	0.20	2.35	1.31	1.42	5.09
Cultipacker	12'	2WD 130	3,522	300	12	0.124	1.19	1.20	0.10	0.26	2.77	0.15	1.77	4.70
Cultipacker	20'	MFWD 150	9,793	300	12	0.074	0.71	0.83	0.17	0.20	1.93	0.26	1.36	3.55
Cultivate	4R-38	2WD 105	8,798	150	10	0.162	1.55	1.27	0.38	0.20	3.42	1.10	1.37	5.89
Cultivate	6R-30	MFWD 150	12,477	150	10	0.137	1.32	1.53	0.45	0.38	3.69	1.32	2.50	7.53
Cultivate	6R-38	MFWD 150	12,574	150	10	0.108	1.04	1.21	0.36	0.30	2.92	1.05	1.98	5.95
Cultivate	8R-30	MFWD 190	14,612	150	10	0.103	0.99	1.46	0.40	0.34	3.20	1.16	2.39	6.76
Cultivate	8R-38	MFWD 190	14,839	150	10	0.081	0.78	1.15	0.32	0.27	2.53	0.93	1.89	5.36
Cultivate	8R-38 2x1	MFWD 190	26,285	150	10	0.054	0.52	0.76	0.38	0.18	1.85	1.10	1.26	4.21
Cultivate	10R-30	MFWD 225	18,050	150	10	0.082	0.79	1.38	0.39	0.31	2.89	1.15	2.16	6.21
Cultivate	10R-38	MFWD 225	0	150	10	0.065	0.62	1.09	0.00	0.24	1.96	0.00	1.71	3.67
Cultivate	12R-30	MFWD 225	25,449	150	10	0.068	0.66	1.15	0.46	0.26	2.54	1.35	1.80	5.70
Cultivate	12R-38	MFWD 225	26,285	150	10	0.054	0.52	0.91	0.38	0.20	2.02	1.10	1.42	4.55

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre Louisiana, 2005

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost
									Imp.	P.U.		Imp.	P.U.	
			dollars	hours	years	hr/ac	-----\$/acre-----							
Disk & Incorporate	14'	2WD 130	11,872	200	10	0.147	2.12	1.42	0.52	0.31	4.39	1.01	2.09	7.50
Disk & Incorporate	24'	MFWD 190	21,362	200	10	0.085	1.23	1.21	0.55	0.29	3.29	1.06	1.99	6.35
Disk & Incorporate	32'	MFWD 225	30,196	200	10	0.064	0.92	1.08	0.58	0.24	2.84	1.12	1.69	5.66
Disk & Incorporate	42'	MFWD 225	30,542	200	10	0.049	0.70	0.82	0.44	0.18	2.16	0.87	1.29	4.33
Disk Bed (Hipper)	4R-38	MFWD 150	5,848	160	10	0.147	1.41	1.65	0.21	0.40	3.69	0.62	2.69	7.01
Disk Bed (Hipper)	6R-30	MFWD 170	0	160	10	0.125	1.20	1.58	0.00	0.38	3.17	0.00	2.65	5.82
Disk Bed (Hipper)	6R-38	MFWD 170	8,932	160	10	0.098	0.94	1.25	0.22	0.30	2.72	0.63	2.09	5.45
Disk Bed (Hipper)	8R-30	MFWD 190	11,257	160	10	0.093	0.90	1.32	0.26	0.31	2.81	0.76	2.17	5.75
Disk Bed (Hipper)	8R-40 2x1	MFWD 190	27,492	160	10	0.049	0.47	0.69	0.33	0.16	1.67	0.98	1.14	3.80
Disk Bed (Hipper)	10R-30	MFWD 225	14,006	160	10	0.075	0.72	1.25	0.26	0.28	2.52	0.76	1.97	5.26
Disk Bed (Hipper)	10R-38	MFWD 225	14,661	160	10	0.059	0.56	0.99	0.21	0.22	2.00	0.62	1.55	4.18
Disk Bed (Hipper)	12R-30	MFWD 225	15,949	160	10	0.062	0.60	1.04	0.24	0.23	2.13	0.72	1.64	4.50
Disk Bed (Hipper)	12R-40	MFWD 225	27,492	160	10	0.049	0.47	0.82	0.33	0.18	1.83	0.98	1.29	4.11
Disk Bed (Hipper)Fld	8R-38	MFWD 190	15,263	160	10	0.074	0.71	1.05	0.28	0.25	2.29	0.82	1.72	4.83
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	11,829	160	10	0.074	0.71	1.05	0.21	0.25	2.23	0.63	1.72	4.58
Disk Bed w/roller	8R-30	2WD 190	11,580	160	10	0.093	0.90	1.32	0.27	0.29	2.79	0.78	1.99	5.57
Disk Bed w/roller	12R-30	MFWD 225	20,761	160	10	0.062	0.60	1.04	0.32	0.23	2.21	0.94	1.64	4.79
Disk Harrow	14'	2WD 130	9,217	180	10	0.140	1.34	1.36	0.35	0.30	3.37	0.83	1.99	6.20
Disk Harrow	24'	MFWD 190	25,040	180	10	0.081	0.78	1.16	0.56	0.27	2.79	1.32	1.90	6.01
Disk Harrow	28'	MFWD 225	26,731	180	10	0.070	0.67	1.17	0.52	0.26	2.64	1.20	1.84	5.69
Disk Harrow	32'	MFWD 225	30,136	180	10	0.061	0.58	1.03	0.51	0.23	2.36	1.19	1.61	5.17
Disk Harrow	42'	MFWD 225	0	180	10	0.046	0.44	0.78	0.00	0.17	1.41	0.00	1.22	2.64
Ditcher		2WD 130	2,330	200	10	0.020	0.19	0.19	0.01	0.04	0.44	0.02	0.28	0.75
Ditcher (1m/160a)		2WD 130	2,330	200	10	0.009	0.09	0.09	0.00	0.02	0.20	0.01	0.13	0.35
Fert Appl (Liquid)	4R-38	MFWD 150	9,210	150	8	0.154	2.22	1.73	0.94	0.42	5.33	1.17	2.82	9.33
Fert Appl (Liquid)	6R-30	MFWD 170	10,010	150	8	0.130	1.88	1.66	0.87	0.40	4.82	1.08	2.77	8.68
Fert Appl (Liquid)	6R-38	MFWD 170	9,658	150	8	0.103	1.48	1.31	0.66	0.31	3.78	0.82	2.19	6.80
Fert Appl (Liquid)	8R-30	MFWD 190	10,809	150	8	0.098	1.41	1.39	0.70	0.33	3.84	0.87	2.27	7.00
Fert Appl (Liquid)	8R-38	MFWD 190	10,809	150	8	0.077	1.11	1.10	0.55	0.26	3.04	0.69	1.80	5.53
Fert Appl (Liquid)	8R-38 2x1	MFWD 190	13,459	150	8	0.051	0.74	0.73	0.46	0.17	2.11	0.57	1.20	3.88
Fert Appl (Liquid)	10R-30	MFWD 225	11,494	150	8	0.078	1.13	1.31	0.60	0.30	3.35	0.74	2.06	6.16
Fert Appl (Liquid)	10R-38	MFWD 225	12,295	150	8	0.061	0.89	1.04	0.50	0.23	2.67	0.62	1.62	4.93
Fert Appl (Liquid)	12R-30	MFWD 225	12,248	150	8	0.078	1.13	1.31	0.64	0.30	3.39	0.79	2.06	6.25
Fert Appl (Liquid)	12R-38	MFWD 225	13,459	150	8	0.051	0.74	0.86	0.46	0.19	2.27	0.57	1.35	4.20
Field Cult & Inc	12'	2WD 150	11,543	100	10	0.124	1.79	1.39	0.35	0.30	3.84	1.66	1.99	7.50
Field Cult & Inc	24'	MFWD 170	21,106	100	10	0.062	0.89	0.78	0.32	0.19	2.20	1.52	1.31	5.04
Field Cult & Inc	32'	MFWD 190	26,749	100	10	0.046	0.67	0.66	0.31	0.15	1.80	1.44	1.08	4.33
Field Cult & Inc	42'	MFWD 225	36,346	100	10	0.035	0.51	0.59	0.32	0.13	1.57	1.50	0.93	4.02
Field Cultivate	12'	2WD 150	6,467	100	10	0.124	1.19	1.39	0.20	0.30	3.09	0.93	1.99	6.01
Field Cultivate	24'	MFWD 170	16,030	100	10	0.062	0.59	0.78	0.24	0.19	1.82	1.15	1.31	4.30
Field Cultivate	32'	MFWD 190	21,673	100	10	0.046	0.44	0.66	0.25	0.15	1.52	1.17	1.08	3.77
Field Cultivate	42'	MFWD 225	31,303	100	10	0.035	0.34	0.59	0.27	0.13	1.35	1.29	0.93	3.57
Field Cultivate	50'	MFWD 225	40,259	100	10	0.029	0.28	0.50	0.30	0.11	1.20	1.39	0.78	3.38
Gate Installer		2WD 130	2,960	10	10	0.020	0.38	0.19	0.17	0.04	0.79	0.66	0.28	1.74
Grain Drill	12'	2WD 130	11,487	150	8	0.157	3.01	1.52	0.67	0.33	5.55	1.42	2.23	9.22
Grain Drill	15'	MFWD 150	19,512	150	8	0.125	2.41	1.40	0.91	0.34	5.08	1.94	2.29	9.32
Grain Drill	20'	MFWD 170	25,666	150	8	0.094	1.81	1.19	0.90	0.29	4.20	1.91	1.99	8.12
Grain Drill	24'	MFWD 190	26,493	150	8	0.078	1.50	1.11	0.78	0.26	3.66	1.64	1.82	7.14
Grain Drill	30'	MFWD 225	33,325	150	8	0.062	1.20	1.05	0.78	0.24	3.28	1.65	1.65	6.59
Grain Drill & Pre	12'	2WD 130	16,563	150	8	0.157	3.01	1.52	0.97	0.33	5.85	2.06	2.23	10.15
Grain Drill & Pre	15'	MFWD 150	24,588	150	8	0.125	2.41	1.40	1.15	0.34	5.32	2.44	2.29	10.06
Grain Drill & Pre	20'	MFWD 170	30,742	150	8	0.094	1.81	1.19	1.08	0.29	4.38	2.29	1.99	8.67
Grain Drill & Pre	24'	MFWD 190	31,569	150	8	0.078	1.50	1.11	0.93	0.26	3.81	1.96	1.82	7.60
Grain Drill & Pre	30'	MFWD 225	38,401	150	8	0.062	1.20	1.05	0.90	0.24	3.40	1.91	1.65	6.97
Harrow	13'	2WD 130	770	200	10	0.119	1.14	1.15	0.03	0.25	2.59	0.05	1.70	4.34
Harrow	21'	2WD 150	1,230	200	10	0.073	0.70	0.82	0.03	0.17	1.74	0.05	1.18	2.98
Harrow	40'	MFWD 190	9,333	200	10	0.038	0.37	0.55	0.12	0.13	1.18	0.21	0.90	2.29
Harrow	47'	MFWD 190	11,000	200	10	0.033	0.31	0.46	0.12	0.11	1.02	0.21	0.76	2.00
Header - Corn	4R38"	240hp	19,520	300	8	0.201	3.07	3.60	0.98	3.31	10.97	1.61	14.19	26.79
Header - Corn	6R30"	240hp	26,494	300	8	0.170	2.60	3.04	1.12	2.80	9.59	1.86	12.01	23.47
Header - Corn	6R38"	240hp	28,826	300	8	0.134	2.05	2.40	0.96	2.21	7.65	1.59	9.48	18.73
Header - Corn	8R30"	240hp	34,791	300	8	0.127	1.95	2.28	1.11	2.10	7.45	1.83	9.01	18.30
Header - Corn	8R38"	275hp	36,787	300	8	0.100	1.54	2.07	0.92	1.87	6.42	1.53	8.03	15.99
Header - Corn	12R20"	275hp	47,027	300	8	0.127	1.95	2.62	1.50	2.37	8.45	2.47	10.16	21.09
Header - Corn	12R30"	275hp	53,466	300	8	0.085	1.30	1.74	1.13	1.58	5.77	1.87	6.77	14.42
Header - Rice (CL)	22' Rigid	240hp	18,555	300	8	0.288	4.41	5.16	1.33	4.75	15.67	2.20	20.35	38.24
Header - Rice (CL)	25' Rigid	240hp	23,306	300	8	0.253	3.88	4.54	1.47	4.18	14.09	2.44	17.91	34.45
Header - Rice (CL)	30' Rigid	275hp	21,323	300	8	0.211	3.23	4.34	1.12	3.93	12.64	1.86	16.84	31.34
Header - Rice (SL)	22' Rigid	240hp	18,555	300	8	0.250	3.82	4.47	1.15	4.12	13.58	1.91	17.64	33.14
Header - Rice (SL)	25' Rigid	240hp	23,306	300	8	0.220	3.36	3.93	1.28	3.62	12.21	2.11	15.52	29.85
Header - Rice (SL)	30' Rigid	275hp	21,323	300	8	0.183	2.80	3.76	0.97	3.41	10.95	1.61	14.59	27.16
Header - Soybean	15' Flex	240hp	0	300	8	0.170	2.60	3.04	0.00	2.80	8.46	0.00	12.01	20.48

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre Louisiana, 2005

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost
									Imp.	P.U.		Imp.	P.U.	
			dollars	hours	years	hr/ac	-----\$/acre-----							
Header - Soybean	18' Flex	240hp	18,369	300	8	0.141	2.17	2.54	0.65	2.34	7.70	1.07	10.01	18.79
Header - Soybean	22' Flex	240hp	18,227	300	8	0.116	1.77	2.07	0.52	1.91	6.29	0.87	8.19	15.36
Header - Soybean	25' Flex	275hp	19,940	300	8	0.102	1.56	2.09	0.50	1.90	6.06	0.84	8.13	15.04
Header - Soybean	30' Flex	275hp	22,792	300	8	0.085	1.30	1.74	0.48	1.58	5.11	0.80	6.77	12.69
Header Wheat/Sorghum	18' Rigid	240hp	15,095	300	8	0.141	2.17	2.54	0.53	2.34	7.58	0.88	10.01	18.48
Header Wheat/Sorghum	22' Rigid	240hp	15,499	300	8	0.116	1.77	2.07	0.44	1.91	6.22	0.74	8.19	15.15
Header Wheat/Sorghum	25' Rigid	240hp	16,926	300	8	0.102	1.56	1.82	0.43	1.68	5.51	0.71	7.21	13.43
Header Wheat/Sorghum	30' Rigid	275hp	19,298	300	8	0.085	1.30	1.74	0.41	1.58	5.04	0.67	6.77	12.49
Header-Cotton-Bcast	13'	173hp	16,650	200	8	0.251	6.27	3.28	0.78	5.00	15.35	2.59	21.43	39.38
Header-Cotton-Bcast	16'	173hp	18,900	200	8	0.204	5.09	2.67	0.72	4.06	12.56	2.39	17.41	32.36
Header-Cotton-Bcast	19'	173hp	21,150	200	8	0.172	4.29	2.25	0.68	3.42	10.65	2.25	14.66	27.57
Header-Cotton-Brush	4R30"	173hp	20,520	200	8	0.327	8.15	4.27	1.25	6.51	20.19	4.15	27.86	52.21
Header-Cotton-Brush	4R30"2X1	173hp	0	200	8	0.218	5.43	2.85	0.00	4.34	12.62	0.00	18.57	31.20
Header-Cotton-Brush	4R38"	173hp	21,992	200	8	0.257	6.41	3.36	1.06	5.12	15.97	3.50	21.93	41.42
Header-Cotton-Brush	4R38"2X1	173hp	0	200	8	0.172	4.29	2.25	0.00	3.42	9.96	0.00	14.66	24.63
Header-Cotton-Brush	5R30"	173hp	26,068	200	8	0.261	6.52	3.42	1.28	5.20	16.43	4.22	22.28	42.94
Header-Cotton-Brush	5R38"	173hp	27,427	200	8	0.207	5.15	2.70	1.06	4.12	13.05	3.51	17.63	34.20
Header-Cotton-Brush	6R30"	173hp	32,471	200	8	0.218	5.43	2.85	1.32	4.34	13.95	4.38	18.57	36.91
Heavy Disk	14'	MFWD 150	13,260	180	10	0.145	1.40	1.63	0.53	0.40	3.97	1.24	2.66	7.88
Heavy Disk	21'	MFWD 170	17,850	180	10	0.097	0.93	1.23	0.48	0.30	2.95	1.12	2.06	6.13
Heavy Disk	27'	MFWD 190	26,520	180	10	0.075	0.72	1.07	0.55	0.25	2.61	1.29	1.75	5.66
LA Boom Sprayer	30 ft	MFWD 150	3,000	150	10	0.059	0.57	0.67	0.13	0.16	1.54	0.15	1.09	2.79
Land Plane	40'x10'	MFWD 190	6,020	200	10	0.242	2.32	3.44	0.29	0.82	6.88	0.84	5.63	13.36
Land Plane	50'x16'	MFWD 190	7,650	200	10	0.151	1.45	2.15	0.23	0.51	4.35	0.67	3.52	8.54
LARice Backhoe-Rrmnt	2 ft	MFWD 150	6,000	100	10	0.500	4.80	5.59	2.64	1.38	14.42	3.93	9.12	27.47
LARice Land Level	13 ft	MFWD 150	7,500	200	15	0.190	1.82	2.12	0.15	0.52	4.63	0.72	3.47	8.82
LARice Levee Plow	8 ft	4WD 300	4,600	150	10	0.050	0.48	1.11	0.07	0.21	1.89	0.20	1.47	3.56
LARice Water Level	24 ft	4WD 300	3,500	100	15	0.149	1.43	3.35	0.23	0.64	5.67	0.53	4.42	10.63
Levee Splitter (1/80	2 blade	2WD 150	3,570	50	10	0.004	0.04	0.04	0.00	0.01	0.09	0.03	0.06	0.19
Lo-Till & Bed	4R-38	MFWD 190	5,100	150	12	0.145	1.39	2.06	0.26	0.49	4.22	0.53	3.37	8.13
Middle Buster	6R-38	MFWD 150	4,590	160	8	0.120	1.15	1.34	0.12	0.33	2.96	0.44	2.19	5.59
Middle Buster	8R-30	MFWD 190	4,590	160	8	0.114	1.09	1.61	0.12	0.38	3.22	0.42	2.65	6.29
Middle Buster	8R-38	MFWD 190	6,120	160	8	0.090	0.86	1.28	0.12	0.30	2.58	0.44	2.09	5.12
Middle Buster	8R-40 2x1	MFWD 190	8,145	160	8	0.060	0.57	0.85	0.11	0.20	1.74	0.39	1.39	3.53
Middle Buster	10R-30	MFWD 225	5,740	160	8	0.091	0.87	1.53	0.12	0.34	2.88	0.42	2.40	5.70
Middle Buster	10R-38	MFWD 225	7,650	160	8	0.072	0.69	1.20	0.12	0.27	2.30	0.44	1.89	4.64
Middle Buster	12R-38	MFWD 225	8,145	160	8	0.060	0.57	1.00	0.11	0.23	1.93	0.39	1.57	3.90
Module Builder-1st	2R38"157hp	MFWD 190	25,869	200	10	0.519	9.97	7.36	3.36	1.75	22.46	7.55	12.06	42.08
Module Builder-1st	4R2x1260hp	MFWD 190	25,869	200	10	0.172	3.30	2.44	1.11	0.58	7.44	2.50	4.00	13.95
Module Builder-1st	4R30"255hp	MFWD 190	25,869	200	10	0.327	6.28	4.64	2.11	1.10	14.15	4.75	7.60	26.51
Module Builder-1st	4R30"325hp	MFWD 190	25,869	200	10	0.327	6.28	4.64	2.11	1.10	14.15	4.75	7.60	26.51
Module Builder-1st	4R38255	MFWD 190	25,869	200	10	0.257	4.94	3.65	1.66	0.87	11.14	3.74	5.98	20.87
Module Builder-1st	4R38325	MFWD 190	25,869	200	10	0.257	4.94	3.65	1.66	0.87	11.14	3.74	5.98	20.87
Module Builder-1st	5R30"255hp	MFWD 190	25,869	200	10	0.261	5.02	3.71	1.69	0.88	11.32	3.80	6.08	21.20
Module Builder-1st	5R38"255hp	MFWD 190	25,869	200	10	0.207	3.97	2.93	1.34	0.70	8.95	3.01	4.81	16.77
Module Builder-1st	6R30"325hp	MFWD 190	25,869	200	10	0.218	4.19	3.09	1.41	0.73	9.43	3.17	5.06	17.67
Module Builder-1st	6R38"325hp	MFWD 190	25,869	200	10	0.172	3.30	2.44	1.11	0.58	7.44	2.50	4.00	13.95
Module Builder-2nd	2R38"157hp	MFWD 190	25,869	200	10	0.440	8.45	6.24	2.84	1.48	19.02	6.39	10.21	35.64
Module Builder-2nd	4R2x1260hp	MFWD 190	25,869	200	10	0.145	2.80	2.06	0.94	0.49	6.30	2.12	3.38	11.81
Module Builder-2nd	4R30"255hp	MFWD 190	25,869	200	10	0.277	5.32	3.93	1.79	0.93	11.98	4.03	6.43	22.45
Module Builder-2nd	4R30"325hp	MFWD 190	25,869	200	10	0.277	5.32	3.93	1.79	0.93	11.98	4.03	6.43	22.45
Module Builder-2nd	4R38"255hp	MFWD 190	25,869	200	10	0.218	4.19	3.09	1.41	0.73	9.43	3.17	5.06	17.68
Module Builder-2nd	4R38"325hp	MFWD 190	25,869	200	10	0.218	4.19	3.09	1.41	0.73	9.43	3.17	5.06	17.68
Module Builder-2nd	5R30"255hp	MFWD 190	25,869	200	10	0.221	4.25	3.14	1.43	0.75	9.59	3.22	5.15	17.96
Module Builder-2nd	5R38"255hp	MFWD 190	25,869	200	10	0.175	3.36	2.48	1.13	0.59	7.58	2.55	4.07	14.21
Module Builder-2nd	6R30"325hp	MFWD 190	25,869	200	10	0.184	3.54	2.62	1.19	0.62	7.99	2.68	4.29	14.97
Module Builder-2nd	6R38"325hp	MFWD 190	25,869	200	10	0.145	2.80	2.06	0.94	0.49	6.30	2.12	3.38	11.81
Module Builder-Strip	13' Bcast	MFWD 150	25,869	200	10	0.251	4.83	2.81	1.62	0.69	9.97	3.66	4.59	18.23
Module Builder-Strip	16' Bcast	MFWD 150	25,869	200	10	0.204	3.92	2.29	1.32	0.56	8.10	2.97	3.73	14.81
Module Builder-Strip	19' Brush	MFWD 150	25,869	200	10	0.172	3.30	1.92	1.11	0.47	6.82	2.50	3.14	12.47
Module Builder-Strip	4R30"2X1Br	MFWD 150	25,869	200	10	0.218	4.19	2.44	1.41	0.60	8.64	3.17	3.98	15.80
Module Builder-Strip	4R30"Brush	MFWD 150	25,869	200	10	0.327	6.28	3.66	2.11	0.90	12.97	4.75	5.97	23.70
Module Builder-Strip	4R38"2X1Br	MFWD 150	25,869	200	10	0.172	3.30	1.92	1.11	0.47	6.82	2.50	3.14	12.47
Module Builder-Strip	4R38"Brush	MFWD 150	25,869	200	10	0.257	4.94	2.88	1.66	0.71	10.21	3.74	4.70	18.66
Module Builder-Strip	5R30"Brush	MFWD 150	25,869	200	10	0.261	5.02	2.93	1.69	0.72	10.37	3.80	4.78	18.96
Module Builder-Strip	5R38"Brush	MFWD 150	25,869	200	10	0.207	3.97	2.31	1.34	0.57	8.21	3.01	3.78	15.00
Module Builder-Strip	6R30"Brush	MFWD 150	25,869	200	10	0.218	4.19	2.44	1.41	0.60	8.64	3.17	3.98	15.80
Mulcher Plow	30'	MFWD 225	0	100	10	0.068	0.65	1.14	0.00	0.26	2.05	0.00	1.79	3.84
NT Grain Drill	12'	2WD 130	22,312	150	8	0.196	3.77	1.90	1.64	0.42	7.74	3.47	2.79	14.01
NT Grain Drill	15'	MFWD 150	26,540	150	8	0.157	3.01	1.75	1.56	0.43	6.77	3.30	2.86	12.94
NT Grain Drill	20'	MFWD 170	34,434	150	8	0.117	2.26	1.49	1.52	0.36	5.64	3.21	2.49	11.35
NT Grain Drill	24'	MFWD 190	57,115	150	8	0.098	1.88	1.39	2.10	0.33	5.71	4.44	2.27	12.43

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre Louisiana, 2005

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost
									Imp.	P.U.		Imp.	P.U.	
			dollars	hours	years	hr/ac	-----\$/acre-----							
NT Grain Drill	30'	MFWD 225	59,965	150	8	0.078	1.50	1.31	1.76	0.30	4.89	3.73	2.06	10.69
NT Grain Drill & Pre	12'	2WD 130	27,388	150	8	0.163	3.14	1.58	1.68	0.35	6.76	3.54	2.33	12.64
NT Grain Drill & Pre	15'	MFWD 150	31,616	150	8	0.130	2.51	1.46	1.55	0.36	5.89	3.27	2.39	11.56
NT Grain Drill & Pre	20'	MFWD 170	39,510	150	8	0.098	1.88	1.24	1.45	0.30	4.89	3.07	2.08	10.04
NT Grain Drill & Pre	24'	MFWD 190	62,191	150	8	0.081	1.57	1.16	1.90	0.27	4.91	4.03	1.90	10.84
NT Grain Drill & Pre	30'	MFWD 225	65,041	150	8	0.065	1.25	1.09	1.59	0.25	4.20	3.37	1.72	9.29
NT Plant&Pre-Folding	8R-38	MFWD 170	35,473	150	8	0.077	1.48	0.97	1.02	0.23	3.72	2.16	1.63	7.53
NT Plant&Pre-Folding	8R-38 2x1	MFWD 170	47,347	150	8	0.051	0.98	0.65	0.91	0.15	2.70	1.92	1.08	5.72
NT Plant&Pre-Folding	10R-30	MFWD 190	41,666	150	8	0.078	1.49	1.10	1.22	0.26	4.09	2.57	1.81	8.48
NT Plant&Pre-Folding	10R-38	MFWD 190	43,540	150	8	0.061	1.18	0.87	1.00	0.20	3.27	2.12	1.43	6.82
NT Plant&Pre-Folding	12R-20	MFWD 190	48,108	150	8	0.097	1.87	1.38	1.76	0.33	5.35	3.71	2.26	11.33
NT Plant&Pre-Folding	12R-30	MFWD 190	47,316	150	8	0.065	1.24	0.92	1.15	0.22	3.54	2.43	1.51	7.49
NT Plant&Pre-Folding	12R-38	MFWD 190	47,347	150	8	0.051	0.98	0.72	0.91	0.17	2.80	1.92	1.19	5.92
NT Plant&Pre-Folding	16R-30	MFWD 190	67,941	150	8	0.048	0.93	0.69	1.24	0.16	3.03	2.62	1.13	6.79
NT Plant&Pre-Folding	23R-15	MFWD 190	77,565	150	8	0.067	1.30	0.96	1.97	0.22	4.46	4.16	1.57	10.20
NT Plant&Pre-Folding	24R-20	MFWD 190	88,256	150	8	0.048	0.93	0.69	1.61	0.16	3.41	3.41	1.13	7.95
NT Plant&Pre-Folding	24R-30	MFWD 190	107,899	150	8	0.032	0.62	0.46	1.31	0.11	2.51	2.78	0.75	6.04
NT Plant&Pre-Rigid	4R-30	2WD 130	18,671	150	8	0.195	3.74	1.89	1.36	0.42	7.43	2.88	2.78	13.09
NT Plant&Pre-Rigid	4R-38	2WD 130	19,371	150	8	0.153	2.95	1.49	1.11	0.33	5.89	2.35	2.18	10.43
NT Plant&Pre-Rigid	6R-30	MFWD 150	23,735	150	8	0.130	2.49	1.45	1.15	0.36	5.47	2.44	2.37	10.29
NT Plant&Pre-Rigid	6R-38	MFWD 150	24,539	150	8	0.102	1.96	1.14	0.94	0.28	4.32	1.98	1.86	8.17
NT Plant&Pre-Rigid	8R-22	MFWD 170	26,101	150	8	0.132	2.55	1.68	1.30	0.41	5.94	2.74	2.81	11.50
NT Plant&Pre-Rigid	8R-30	MFWD 170	28,048	150	8	0.097	1.87	1.23	1.02	0.30	4.44	2.16	2.06	8.67
NT Plant&Pre-Rigid	8R-38	MFWD 170	27,343	150	8	0.077	1.48	0.97	0.79	0.23	3.49	1.67	1.63	6.79
NT Plant&Pre-Rigid	10R-30	MFWD 190	29,985	150	8	0.078	1.49	1.10	0.87	0.26	3.74	1.85	1.81	7.41
NT Plant&Pre-Rigid	12R-20	MFWD 190	34,614	150	8	0.097	1.87	1.38	1.26	0.33	4.85	2.67	2.26	9.79
NT Plant&Pre-Rigid	12R-30	MFWD 190	46,624	150	8	0.065	1.24	0.92	1.13	0.22	3.53	2.40	1.51	7.44
NT Plant-Folding	8R-38	MFWD 170	30,397	150	8	0.074	1.42	0.94	0.84	0.22	3.44	1.78	1.57	6.81
NT Plant-Folding	8R-38 2x1	MFWD 170	42,303	150	8	0.049	0.95	0.62	0.78	0.15	2.51	1.65	1.04	5.22
NT Plant-Folding	10R-30	MFWD 190	36,590	150	8	0.075	1.44	1.06	1.03	0.25	3.79	2.17	1.74	7.72
NT Plant-Folding	10R-38	MFWD 190	38,464	150	8	0.059	1.13	0.84	0.85	0.20	3.03	1.80	1.37	6.22
NT Plant-Folding	12R-20	MFWD 190	43,032	150	8	0.094	1.80	1.33	1.51	0.31	4.97	3.20	2.18	10.35
NT Plant-Folding	12R-30	MFWD 190	42,240	150	8	0.062	1.20	0.88	0.99	0.21	3.29	2.09	1.45	6.84
NT Plant-Folding	12R-38	MFWD 190	42,303	150	8	0.049	0.95	0.70	0.78	0.16	2.60	1.65	1.14	5.41
NT Plant-Folding	16R-30	MFWD 190	62,898	150	8	0.047	0.90	0.66	1.10	0.15	2.83	2.34	1.09	6.26
NT Plant-Folding	23R-15	MFWD 190	72,489	150	8	0.065	1.25	0.92	1.77	0.22	4.17	3.74	1.51	9.43
NT Plant-Folding	24R-20	MFWD 190	83,213	150	8	0.047	0.90	0.66	1.46	0.15	3.19	3.09	1.09	7.38
NT Plant-Folding	24R-30	MFWD 190	101,352	150	8	0.031	0.60	0.44	1.19	0.10	2.34	2.51	0.72	5.58
NT Plant-Rigid	4R-30	2WD 130	13,595	150	8	0.188	3.61	1.82	0.95	0.40	6.79	2.02	2.67	11.49
NT Plant-Rigid	4R-38	2WD 130	14,295	150	8	0.148	2.84	1.43	0.79	0.31	5.39	1.67	2.10	9.17
NT Plant-Rigid	6R-30	MFWD 150	18,659	150	8	0.125	2.40	1.40	0.87	0.34	5.03	1.85	2.28	9.17
NT Plant-Rigid	6R-38	MFWD 150	19,463	150	8	0.098	1.90	1.10	0.72	0.27	4.00	1.52	1.80	7.33
NT Plant-Rigid	8R-22	MFWD 170	21,025	150	8	0.127	2.45	1.62	1.00	0.39	5.48	2.12	2.71	10.32
NT Plant-Rigid	8R-30	MFWD 170	22,972	150	8	0.094	1.80	1.19	0.80	0.29	4.09	1.71	1.99	7.80
NT Plant-Rigid	8R-38	MFWD 170	22,267	150	8	0.074	1.42	0.94	0.62	0.22	3.21	1.31	1.57	6.10
NT Plant-Rigid	10R-30	MFWD 190	24,909	150	8	0.075	1.44	1.06	0.70	0.25	3.46	1.48	1.74	6.69
NT Plant-Rigid	12R-20	MFWD 190	29,538	150	8	0.094	1.80	1.33	1.04	0.31	4.49	2.19	2.18	8.87
NT Plant-Rigid	12R-30	MFWD 190	41,548	150	8	0.062	1.20	0.88	0.97	0.21	3.28	2.06	1.45	6.79
Paratill & Bed	4R-30	MFWD 225	8,169	150	12	0.204	1.96	3.43	0.60	0.78	6.77	1.16	5.37	13.31
Paratill & Bed	4R-38	MFWD 225	8,887	150	12	0.160	1.54	2.70	0.51	0.61	5.37	0.99	4.22	10.60
Paratill & Bed	6R-30	MFWD 225	11,255	150	12	0.136	1.30	2.28	0.55	0.52	4.67	1.06	3.58	9.31
Paratill & Bed	6R-38	MFWD 225	14,147	150	12	0.107	1.03	1.80	0.54	0.41	3.79	1.06	2.82	7.68
Paratill & Bed	8R-30	MFWD 225	15,519	150	12	0.102	0.98	1.71	0.57	0.39	3.66	1.10	2.68	7.45
Paratill & Bed	8R382X1	MFWD 225	39,116	150	12	0.053	0.51	0.90	0.75	0.20	2.38	1.46	1.41	5.26
Paratill & Bed Fold.	8R-38	MFWD 225	25,283	150	12	0.080	0.77	1.35	0.73	0.30	3.17	1.42	2.12	6.72
Paratill & Bed Fold.	12R-38	MFWD 225	39,116	150	12	0.053	0.51	0.90	0.75	0.20	2.38	1.46	1.41	5.26
Paratill & Bed Rigid	8R-38	MFWD 225	16,930	150	12	0.080	0.77	1.35	0.49	0.30	2.93	0.95	2.12	6.00
Pipe Drag	30'	2WD 150	500	100	12	0.051	0.49	0.57	0.00	0.12	1.21	0.02	0.82	2.06
Pipe Spool 160ac	1/4m roll	2WD 130	2,550	15	12	0.003	0.09	0.03	0.00	0.00	0.13	0.05	0.04	0.23
Pipe Trailer 1m/160a	30'	2WD 130	1,020	100	15	0.003	0.18	0.03	0.00	0.00	0.22	0.00	0.05	0.28
Plant & Pre Folding	8R-38	MFWD 170	32,921	150	8	0.077	1.48	0.97	0.95	0.23	3.65	2.01	1.63	7.30
Plant & Pre Folding	8R38 2x1	MFWD 170	43,500	150	8	0.051	0.98	0.65	0.83	0.15	2.63	1.77	1.08	5.49
Plant & Pre Folding	10R-30	MFWD 190	38,487	150	8	0.078	1.49	1.10	1.12	0.26	3.99	2.38	1.81	8.19
Plant & Pre Folding	10R-38	MFWD 190	40,361	150	8	0.061	1.18	0.87	0.93	0.20	3.19	1.96	1.43	6.59
Plant & Pre Folding	12R-20	MFWD 190	44,261	150	8	0.097	1.87	1.38	1.62	0.33	5.20	3.42	2.26	10.89
Plant & Pre Folding	12R-30	MFWD 190	43,469	150	8	0.065	1.24	0.92	1.06	0.22	3.45	2.24	1.51	7.20
Plant & Pre Folding	12R-38	MFWD 190	43,500	150	8	0.051	0.98	0.72	0.83	0.17	2.72	1.77	1.19	5.69
Plant & Pre Folding	16R-30	MFWD 190	62,837	150	8	0.048	0.93	0.69	1.15	0.16	2.94	2.42	1.13	6.50
Plant & Pre Folding	23R-15	MFWD 190	69,908	150	8	0.067	1.30	0.96	1.77	0.22	4.26	3.75	1.57	9.59
Plant & Pre Folding	24R-20	MFWD 190	80,599	150	8	0.048	0.93	0.69	1.47	0.16	3.27	3.11	1.13	7.51
Plant & Pre Folding	24R-30	MFWD 190	100,242	150	8	0.032	0.62	0.46	1.22	0.11	2.41	2.58	0.75	5.75
Plant & Pre Rigid	4R-30	2WD 130	17,377	150	8	0.195	3.74	1.89	1.27	0.42	7.33	2.68	2.78	12.80

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre Louisiana, 2005

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost
									Imp.	P.U.		Imp.	P.U.	
			dollars	hours	years	hr/ac	-----\$/acre-----							
Plant & Pre Rigid	4R-38	2WD 130	18,077	150	8	0.153	2.95	1.49	1.04	0.33	5.81	2.20	2.18	10.20
Plant & Pre Rigid	6R-30	MFWD 150	21,813	150	8	0.130	2.49	1.45	1.06	0.36	5.38	2.24	2.37	10.00
Plant & Pre Rigid	6R-38	MFWD 150	22,618	150	8	0.102	1.97	1.15	0.87	0.28	4.27	1.84	1.87	7.99
Plant & Pre Rigid	8R-22	MFWD 170	23,549	150	8	0.132	2.55	1.68	1.17	0.41	5.81	2.47	2.81	11.11
Plant & Pre Rigid	8R-30	MFWD 170	25,495	150	8	0.097	1.87	1.23	0.93	0.30	4.34	1.97	2.06	8.38
Plant & Pre Rigid	8R-38	MFWD 170	24,790	150	8	0.077	1.48	0.97	0.71	0.23	3.41	1.51	1.63	6.56
Plant & Pre Rigid	10R-30	MFWD 190	26,806	150	8	0.078	1.49	1.10	0.78	0.26	3.65	1.65	1.81	7.12
Plant & Pre Rigid	12R-20	MFWD 190	30,767	150	8	0.097	1.87	1.38	1.12	0.33	4.71	2.37	2.26	9.36
Plant & Pre Rigid	12R-30	MFWD 190	42,778	150	8	0.065	1.24	0.92	1.04	0.22	3.43	2.20	1.51	7.15
Plant - Folding	8R-38	MFWD 170	27,845	150	8	0.074	1.42	0.94	0.77	0.22	3.37	1.63	1.57	6.58
Plant - Folding	8R-38 2x1	MFWD 170	38,457	150	8	0.049	0.95	0.62	0.71	0.15	2.44	1.50	1.04	5.00
Plant - Folding	10R-30	MFWD 190	33,411	150	8	0.075	1.44	1.06	0.94	0.25	3.70	1.98	1.74	7.44
Plant - Folding	10R-38	MFWD 190	35,285	150	8	0.059	1.13	0.84	0.78	0.20	2.96	1.65	1.37	6.00
Plant - Folding	12R-20	MFWD 190	39,185	150	8	0.094	1.80	1.33	1.38	0.31	4.83	2.51	2.18	9.93
Plant - Folding	12R-30	MFWD 190	38,393	150	8	0.062	1.20	0.88	0.90	0.21	3.20	1.90	1.45	6.56
Plant - Folding	12R-38	MFWD 190	38,457	150	8	0.049	0.95	0.70	0.71	0.16	2.53	1.50	1.14	5.18
Plant - Folding	16R-30	MFWD 190	57,793	150	8	0.047	0.90	0.66	1.01	0.15	2.74	2.15	1.09	5.98
Plant - Folding	23R-15	MFWD 190	64,832	150	8	0.065	1.25	0.92	1.58	0.22	3.98	3.35	1.51	8.85
Plant - Folding	24R-20	MFWD 190	75,555	150	8	0.047	0.90	0.66	1.33	0.15	3.06	2.81	1.09	6.96
Plant - Folding	24R-30	MFWD 190	93,695	150	8	0.031	0.60	0.44	1.10	0.10	2.25	2.32	0.72	5.30
Plant - Rigid	4R-30	2WD 130	12,301	150	8	0.188	3.61	1.82	0.86	0.40	6.70	1.83	2.67	11.21
Plant - Rigid	4R-38	2WD 130	13,001	150	8	0.148	2.84	1.43	0.72	0.31	5.32	1.52	2.10	8.95
Plant - Rigid	6R-30	MFWD 150	16,737	150	8	0.125	2.40	1.40	0.78	0.34	4.94	1.66	2.28	8.89
Plant - Rigid	6R-38	MFWD 150	17,542	150	8	0.098	1.90	1.10	0.65	0.27	3.93	1.37	1.80	7.11
Plant - Rigid	8R-22	MFWD 170	18,473	150	8	0.127	2.45	1.62	0.88	0.39	5.35	1.87	2.71	9.94
Plant - Rigid	8R-30	MFWD 170	20,419	150	8	0.094	1.80	1.19	0.71	0.29	4.00	1.52	1.99	7.52
Plant - Rigid	8R-38	MFWD 170	19,714	150	8	0.074	1.42	0.94	0.54	0.22	3.14	1.16	1.57	5.88
Plant - Rigid	10R-30	MFWD 190	21,730	150	8	0.075	1.44	1.06	0.61	0.25	3.37	1.29	1.74	6.41
Plant - Rigid	12R-20	MFWD 190	25,691	150	8	0.094	1.80	1.33	0.90	0.31	4.36	1.91	2.18	8.45
Plant - Rigid	12R-30	MFWD 190	37,702	150	8	0.062	1.20	0.88	0.88	0.21	3.19	1.87	1.45	6.51
Plant - Rigid	15R-15	2WD 150	28,654	150	8	0.094	1.80	1.05	1.01	0.22	4.09	2.13	1.50	7.73
Pull Levee (1m/80a))	4 blade	2WD 50	3,180	100	10	0.003	0.03	0.01	0.00	0.00	0.05	0.01	0.01	0.07
Rice Grain Cart	500 Bu	MFWD 190	15,237	200	12	0.288	2.76	4.09	1.19	0.97	9.02	2.29	6.69	18.01
Rice Grain Cart	700 Bu	MFWD 190	19,105	200	12	0.253	2.43	3.59	1.31	0.85	8.20	2.53	5.89	16.63
Roller	32'	MFWD 170	5,610	100	12	0.046	0.44	0.59	0.04	0.14	1.22	0.27	0.98	2.49
Rotary Cutter	7'	MFWD 130	3,319	185	10	0.168	1.61	1.63	0.45	0.41	4.11	0.35	2.72	7.19
Rotary Cutter	12'	2WD 150	7,661	185	10	0.098	0.94	1.09	0.61	0.23	2.89	0.47	1.57	4.93
Rotary Cutter	15'	2WD 50	12,443	185	10	0.078	0.75	0.29	0.79	0.04	1.88	0.61	0.29	2.79
Row Cond & Inc	13'	2WD 130	9,202	100	10	0.129	1.86	1.25	0.29	0.28	3.70	1.38	1.84	6.94
Row Cond & Inc	21'	2WD 170	11,572	100	10	0.080	1.15	1.01	0.23	0.21	2.62	1.08	1.49	5.20
Row Cond & Inc	27'	MFWD 190	13,972	100	10	0.062	0.90	0.88	0.21	0.21	2.21	1.01	1.45	4.68
Row Cond & Inc	32'	MFWD 225	17,382	100	10	0.052	0.75	0.88	0.22	0.20	2.07	1.06	1.38	4.52
Row Cond & Inc	42'	MFWD 225	20,400	100	10	0.040	0.57	0.67	0.20	0.15	1.61	0.95	1.05	3.62
Row Cond (Harrow)	13'	2WD 130	4,670	100	10	0.114	1.10	1.11	0.13	0.24	2.59	0.62	1.63	4.85
Row Cond (Harrow)	21'	2WD 170	7,040	100	10	0.071	0.68	0.90	0.12	0.19	1.90	0.58	1.32	3.80
Row Cond (Harrow)	27'	MFWD 190	9,440	100	10	0.055	0.53	0.78	0.13	0.18	1.63	0.60	1.28	3.52
Row Cond (Harrow)	32'	MFWD 225	12,850	100	10	0.046	0.44	0.78	0.14	0.17	1.56	0.69	1.22	3.48
Row Cond (Harrow)	42'	MFWD 225	15,582	100	10	0.035	0.34	0.59	0.13	0.13	1.21	0.64	0.93	2.79
Row Cond (Plant)	13'	2WD 130	4,670	100	10	0.157	1.50	1.52	0.18	0.33	3.55	0.85	2.23	6.64
Row Cond (Plant)	21'	2WD 170	7,040	100	10	0.097	0.93	1.23	0.17	0.26	2.60	0.79	1.81	5.21
Row Cond (Plant)	27'	MFWD 190	9,440	100	10	0.075	0.72	1.07	0.17	0.25	2.23	0.82	1.75	4.82
Row Cond (Plant)	32'	MFWD 225	12,850	100	10	0.063	0.61	1.07	0.20	0.24	2.13	0.95	1.67	4.76
Row Cond (Plant)	42'	MFWD 225	15,582	100	10	0.048	0.46	0.81	0.18	0.18	1.65	0.88	1.27	3.81
RT Cult (Early)	8R-30	2WD 170	17,933	200	12	0.103	0.99	1.30	0.88	0.27	3.46	0.99	1.92	6.38
RT Cult (Early)	12R-30	2WD 190	26,204	200	12	0.068	0.66	0.97	0.86	0.21	2.71	0.96	1.46	5.14
RT Cult (Late)	8R-30	2WD 170	17,933	200	12	0.128	1.23	1.63	1.10	0.34	4.33	1.24	2.40	7.97
RT Cult (Late)	12R-30	2WD 190	26,204	200	12	0.085	0.82	1.21	1.07	0.26	3.38	1.20	1.83	6.43
RT Cult + PD (Early)	8R-30	2WD 150	17,933	200	12	0.103	1.48	1.15	0.88	0.24	3.77	0.99	1.64	6.41
RT Cult + PD (Early)	12R-30	MFWD 225	26,204	200	12	0.068	0.99	1.15	0.86	0.26	3.27	0.96	1.80	6.04
RT Cult + PD (Late)	8R-30	2WD 170	17,933	200	12	0.128	1.85	1.63	1.10	0.34	4.94	1.24	2.40	8.59
RT Cult + PD (Late)	12R-30	2WD 190	26,204	200	12	0.085	1.23	1.21	1.07	0.26	3.80	1.20	1.83	6.84
SC 3Row (Cover)	18 ft	MFWD 150	10,750	200	9	0.120	1.15	1.34	1.43	0.33	4.27	0.52	2.19	7.00
SC 3Row (Hipper)	18 ft	MFWD 150	10,500	200	9	0.120	1.15	1.34	0.68	0.33	3.51	0.88	2.19	6.59
SC 3Row (Marker)	18 ft	MFWD 150	8,800	200	9	0.120	1.15	1.34	0.58	0.33	3.41	0.74	2.19	6.35
SC 3Row (Offbar)	18 ft	MFWD 150	11,500	200	10	0.120	1.15	1.34	0.69	0.33	3.51	0.90	2.19	6.61
SC 3Row (Opener)	18 ft	MFWD 150	7,800	200	10	0.120	1.15	1.34	0.46	0.33	3.29	0.61	2.19	6.10
SC 3Row Plow	18 ft	MFWD 190	17,000	200	9	0.120	1.15	1.70	1.11	0.40	4.37	1.43	2.78	8.59
SC Blade	8 ft	MFWD 150	3,500	100	12	0.877	8.42	9.82	2.55	2.42	23.22	2.56	16.01	41.80
SC Boom Sprayer	16 ft	MFWD 150	2,900	150	10	0.120	1.15	1.34	0.25	0.33	3.08	0.30	2.19	5.57
SC Burning Unit	18 ft	2WD 105	1,300	85	6	0.149	1.43	1.17	0.24	0.24	3.10	0.43	1.60	5.15
SC Cane Planters Aid	6 ft	MFWD 150	4,500	20	20	1.000	9.60	11.19	8.43	2.76	31.99	19.67	18.25	69.92

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre Louisiana, 2005

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost
									Imp.	P.U.		Imp.	P.U.	
			dollars	hours	years	hr/ac	-----\$/acre-----							
SC Cane Plt-1R Bille	1 row	MFWD 150	22,000	150	20	0.670	6.43	7.50	3.68	1.85	19.47	8.59	12.22	40.29
SC Cane Plt-3R Bille	3 row	2WD 50	34,000	50	20	0.200	1.92	0.74	5.10	0.11	7.87	11.89	0.74	20.51
SC Cane Plt-Whlstalk	6 ft	MFWD 150	22,000	150	20	0.670	6.43	7.50	3.68	1.85	19.47	8.59	12.22	40.29
SC Cane Wagon 10T	10 Ton	MFWD 150	7,500	400	15	0.330	3.48	4.06	0.41	1.00	8.96	0.62	6.02	15.61
SC Cane Wgn Billt HD	10Ton	MFWD 150	25,000	400	9	0.330	3.48	4.06	3.43	1.00	11.99	2.82	6.02	20.83
SC Chisel Plow	13 ft	MFWD 190	6,000	200	6	0.219	2.10	3.11	0.96	0.74	6.93	1.26	5.10	13.30
SC Chisel Plow	23 ft	MFWD 190	12,000	200	6	0.120	1.15	1.70	0.49	0.40	3.75	1.38	2.78	7.92
SC Cultimulcher	12 ft	2WD 105	5,500	120	15	0.110	1.05	0.86	0.29	0.17	2.39	0.51	1.18	4.08
SC Cultivate + Post	6 Row	2WD 170	8,200	200	10	0.110	1.05	1.39	0.39	0.29	3.14	0.59	2.05	5.78
SC Cultivator	30" 6 Row	2WD 150	5,350	200	10	0.140	1.34	1.56	0.32	0.33	3.58	0.49	2.24	6.31
SC Disk	12 ft	2WD 50	8,500	200	10	0.149	1.43	0.55	0.56	0.08	2.64	0.83	0.55	4.03
SC Disk	20 ft	MFWD 190	17,500	200	10	0.100	0.96	1.41	0.77	0.33	3.48	1.14	2.32	6.95
SC Disk	26 ft	2WD 170	21,000	200	10	0.069	0.67	0.88	0.64	0.18	2.39	0.96	1.30	4.66
SC Disk + Pre	6 row	2WD 170	9,250	200	10	0.100	0.96	1.26	0.40	0.27	2.90	0.60	1.86	5.37
SC Double Hitch	DBLHTCH	2WD 50	0	1000	10	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SC Drain Cleaner	6 ft	MFWD 75	3,750	300	9	0.080	0.76	0.44	0.13	0.08	1.43	0.14	0.55	2.13
SC Fert 3Row Lq App	18 ft	MFWD 150	7,000	200	10	0.130	1.24	1.45	0.36	0.35	3.42	0.59	2.37	6.39
SC Fert DrySlingApp	42 ft	MFWD 150	6,500	150	10	0.059	0.57	0.67	0.22	0.16	1.64	0.34	1.09	3.07
SC Flat Roller	18 ft	MFWD 150	1,400	75	9	0.190	1.82	2.12	0.47	0.52	4.95	0.50	3.47	8.92
SC Hauling Hitch	6 ft	4WD 225	1,000	500	15	1.000	9.60	16.79	0.13	3.76	30.28	0.20	25.83	56.32
SC Land Plane	15 ft	MFWD 150	10,000	200	15	0.300	2.88	3.36	0.66	0.83	7.73	1.52	5.48	14.74
SC Rotary Ditcher	6 ft	MFWD 150	12,500	100	10	0.250	2.40	2.79	3.12	0.69	9.01	4.09	4.56	17.67
SC Rotary Hoe	18 ft	2WD 130	4,500	75	12	0.080	0.76	0.77	0.41	0.17	2.12	0.55	1.13	3.81
SC Rotary Mower	13.1 ft	MFWD 75	7,000	150	10	0.250	2.40	1.39	0.51	0.26	4.57	1.52	1.74	7.84
SC Rototiller	18 ft	MFWD 190	20,000	150	10	0.219	2.10	3.11	3.51	0.74	9.48	3.83	5.10	18.42
SC Tractor Blade	6 ft	2WD 105	3,500	100	15	1.000	9.60	7.83	0.86	1.62	19.92	3.55	10.73	34.21
SC Tractor Spreader	20 ft	2WD 105	700	150	10	0.110	1.05	0.86	0.04	0.17	2.14	0.06	1.18	3.39
SC Trailer Utility	10 ft	2WD 130	2,000	200	15	1.000	9.60	9.70	0.23	2.15	21.69	1.01	14.23	36.94
SCMechanical Planter	6 ft	MFWD 150	15,500	160	10	1.000	9.60	11.19	7.26	2.76	30.82	12.69	18.25	61.77
Spin Spreader	5 ton	MFWD 190	5,801	100	8	0.042	0.80	0.59	0.13	0.14	1.68	0.30	0.97	2.96
Spin Spreader	5 ton	MFWD 190	5,801	100	8	0.042	0.80	0.59	0.13	0.14	1.68	0.30	0.97	2.96
Spray (Band)	27'	MFWD 170	5,076	200	8	0.062	0.90	0.79	0.14	0.19	2.04	0.19	1.32	3.56
Spray (Band)	40'	MFWD 170	5,043	200	8	0.042	0.60	0.53	0.10	0.13	1.37	0.13	0.89	2.40
Spray (Band)	50'	MFWD 170	4,986	200	8	0.033	0.48	0.42	0.07	0.10	1.10	0.10	0.71	1.92
Spray (Band)	53'	MFWD 170	5,758	200	8	0.031	0.45	0.40	0.08	0.09	1.04	0.11	0.67	1.84
Spray (Band)	60'	MFWD 170	6,547	200	8	0.028	0.40	0.35	0.08	0.08	0.93	0.11	0.59	1.65
Spray (Bcast/HB)	13' Rigid	MFWD 150	4,356	200	8	0.130	1.87	1.45	0.26	0.36	3.95	0.35	2.37	6.68
Spray (Bcast/HB)	20' Rigid	2WD 50	5,148	200	8	0.084	1.21	0.31	0.20	0.04	1.78	0.26	0.31	2.37
Spray (Bcast/HB)	27' Fold	MFWD 170	7,398	200	8	0.062	0.90	0.79	0.21	0.19	2.10	0.28	1.32	3.72
Spray (Bcast/HB)	27' Rigid	MFWD 170	5,910	200	8	0.062	0.90	0.79	0.17	0.19	2.06	0.22	1.32	3.62
Spray (Bcast/HB)	30' Fold	MFWD 170	9,565	200	8	0.056	0.81	0.71	0.25	0.17	1.95	0.33	1.19	3.48
Spray (Bcast/HB)	40' Fold	MFWD 170	10,627	200	8	0.042	0.60	0.53	0.21	0.13	1.48	0.27	0.89	2.66
Spray (Bcast/HB/HD)	27'	MFWD 170	16,389	200	8	0.062	0.90	0.79	0.48	0.19	2.37	0.63	1.32	4.33
Spray (Bcast/HB/HD)	40'	MFWD 170	19,819	200	8	0.042	0.60	0.53	0.39	0.13	1.66	0.51	0.89	3.08
Spray (Broadcast)	27'	MFWD 170	5,076	200	8	0.062	0.90	0.79	0.14	0.19	2.04	0.19	1.32	3.56
Spray (Broadcast)	40'	MFWD 170	5,043	200	8	0.042	0.60	0.53	0.10	0.13	1.37	0.13	0.89	2.40
Spray (Broadcast)	50'	MFWD 170	4,986	200	8	0.033	0.48	0.42	0.07	0.10	1.10	0.10	0.71	1.92
Spray (Broadcast)	53'	MFWD 170	5,758	200	8	0.031	0.45	0.40	0.08	0.09	1.04	0.11	0.67	1.84
Spray (Broadcast)	60'	MFWD 170	6,547	200	8	0.028	0.40	0.35	0.08	0.08	0.93	0.11	0.59	1.65
Spray (Direct/Hood)	8R-30	MFWD 170	10,620	200	8	0.084	1.21	1.07	0.42	0.26	2.97	0.55	1.79	5.32
Spray (Direct/Hood)	8R-38	MFWD 170	13,253	200	8	0.066	0.96	0.84	0.41	0.20	2.43	0.54	1.41	4.40
Spray (Direct/Hood)	12R-30	MFWD 170	14,126	200	8	0.056	0.81	0.71	0.37	0.17	2.07	0.49	1.19	3.76
Spray (Direct/Hood)	12R-38	MFWD 170	16,124	200	8	0.044	0.64	0.56	0.33	0.13	1.68	0.44	0.94	3.06
Spray (Direct/Layby)	8R-30	MFWD 170	6,008	200	8	0.084	1.21	1.07	0.23	0.26	2.79	0.31	1.79	4.90
Spray (Direct/Layby)	8R-38	MFWD 170	7,598	200	8	0.066	0.96	0.84	0.23	0.20	2.25	0.31	1.41	3.98
Spray (Direct/Layby)	8R-38 2x1	MFWD 170	14,300	200	8	0.044	0.64	0.56	0.29	0.13	1.64	0.39	0.94	2.98
Spray (Direct/Layby)	10R-30	MFWD 170	6,759	200	8	0.067	0.97	0.85	0.21	0.20	2.25	0.28	1.43	3.97
Spray (Direct/Layby)	12R-30	MFWD 170	7,702	200	8	0.056	0.81	0.71	0.20	0.17	1.90	0.26	1.19	3.37
Spray (Direct/Layby)	12R-38	MFWD 170	14,300	200	8	0.044	0.64	0.56	0.29	0.13	1.64	0.39	0.94	2.98
Spray (Direct/Layby)	16R-20	MFWD 170	8,071	200	8	0.063	0.91	0.80	0.23	0.19	2.15	0.31	1.34	3.81
Spray (Spot)	27'	MFWD 170	5,076	200	8	0.062	0.90	0.79	0.14	0.19	2.04	0.19	1.32	3.56
Spray (Spot)	40'	MFWD 170	5,043	200	8	0.042	0.60	0.53	0.10	0.13	1.37	0.13	0.89	2.40
Spray (Spot)	50'	MFWD 170	4,986	200	8	0.033	0.48	0.42	0.07	0.10	1.10	0.10	0.71	1.92
Spray (Spot)	53'	MFWD 170	5,758	200	8	0.031	0.45	0.40	0.08	0.09	1.04	0.11	0.67	1.84
Spray (Spot)	60'	MFWD 170	6,547	200	8	0.028	0.40	0.35	0.08	0.08	0.93	0.11	0.59	1.65
Stalk Shredder	14'	MFWD 150	10,081	200	10	0.117	1.13	1.31	1.03	0.32	3.81	0.68	2.15	6.65
Stalk Shredder	20'	MFWD 150	20,267	200	10	0.082	0.79	0.92	1.46	0.22	3.40	0.97	1.50	5.88
Stalk Shredder-Flail	12'	MFWD 150	12,611	200	10	0.137	1.32	1.53	1.51	0.38	4.75	1.00	2.50	8.27
Stalk Shredder-Flail	20'	MFWD 150	15,934	200	10	0.082	0.79	0.92	1.15	0.22	3.09	0.76	1.50	5.36
Subsoiler	3 shank	MFWD 190	3,520	100	15	0.204	1.96	2.89	0.23	0.69	5.78	0.67	4.74	11.20
Subsoiler	4 shank	MFWD 225	4,806	100	15	0.153	1.47	2.57	0.24	0.58	4.88	0.68	4.03	9.61
Subsoiler	5 shank	MFWD 225	5,118	100	15	0.122	1.17	2.05	0.20	0.46	3.90	0.58	3.21	7.70

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre Louisiana, 2005

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total	--Fixed--		Total	
			dollars	hours	years	hr/ac			Imp.	P.U.	\$/acre	Direct	Imp.	P.U.	Cost
Subsoiler low-till	4 shank	MFWD 225	7,900	100	15	0.153	1.47	2.57	0.40	0.58	5.04	1.13	4.03	10.21	
Subsoiler low-till	6 shank	MFWD 225	10,955	100	15	0.102	0.98	1.71	0.37	0.39	3.46	1.04	2.68	7.18	
Subsoiler low-till	8 shank	MFWD 225	13,542	100	15	0.076	0.73	1.28	0.34	0.29	2.65	0.96	2.01	5.63	
TerraTill Bed w/roll	4R-38	MFWD 225	9,370	150	12	0.160	1.54	2.70	0.54	0.61	5.40	1.05	4.22	10.68	
TerraTill Bed w/roll	6R-38	MFWD 225	12,613	150	12	0.107	1.03	1.80	0.48	0.41	3.73	0.94	2.82	7.51	
TerraTill Bed w/roll	4R30	MFWD 225	9,370	150	12	0.204	1.96	3.43	0.69	0.78	6.86	1.33	5.37	13.57	
TerraTill Bed w/roll	6R30	MFWD 225	12,613	150	12	0.136	1.30	2.28	0.62	0.52	4.73	1.19	3.58	9.51	

Notes:

Labor: Includes labor from Power unit plus additional labor from the implement.

Total Direct: Does not include interest on operating capital.

Appendix Table 4. Operating Inputs, Louisiana, 2005

ADJUVANTS	Unit	Price		Unit	Price
Oil ( Seed Oil)	pt	2.15	Stiletto	oz	0.52
Crop Oil (Petroleum)	pt	0.95	Stratego	pt	18.40
Surfactant	pt	1.54	Terrachlor Flowable	pt	4.74
CUSTOM FERT/LIME			Terraclor 2EC	pt	1.90
App Fert by Air	cwt	4.75	Terraclor Super X EC	pt	3.69
App Fert by Air(Min)	appl	4.75	Terraclor Super X G	lb	2.32
Custom Apply Fert	acre	5.00	Tilt 3.6 EC	oz	2.53
Custom Spread(Truc	appl	4.50	Vitavax 200	oz	0.43
Lime (Spread)	ton	32.00	Vitavax RTU-Thiram	oz	0.28
			Vitavax T-L	oz	0.29
CUSTOM SPRAY			GIN/DRY		
App by Air ( 2 gal)	appl	2.50	Dry Corn	bu	0.19
App by Air ( 3 gal)	appl	3.00	Dry Grain Sorghum	cwt	0.25
App by Air ( 5 gal)	appl	4.00	Dry Rice	bu	0.40
App by Air (10 gal)	appl	6.00	Gin	lb	0.08
Custom Apply	acre	4.00	LARice Dry	cwt	0.90
Custom Terragator	acre	4.00	GROWTH REGULATORS		
FERTILIZERS			Early Harvest PGR	oz	1.55
Amm Nitrate (34% N)	cwt	10.65	LA Polado	oz	0.38
Amm Sulfate (21% N)	cwt	8.20	Mepex	oz	0.52
Boron (Solubor)	lb	0.66	PGR IV	oz	1.65
DAP	cwt	12.70	Pix Plus	oz	0.51
Fert 10-34-0	cwt	11.85	HARVEST AIDS		
Fert 41-0-0-4	cwt	13.15	Accelerate	pt	2.98
LA Nitrogen	lb	0.30	Ammonium Sulfate	lb	0.18
LA Phosphate	lb	0.26	Boll'd	pt	6.79
LA Potash	lb	0.15	CottonQuik	pt	3.51
Phosphorus(46% P2O5)	cwt	11.55	Def 6	pt	5.86
Potash (60% K2O)	cwt	8.25	Def/Folex	pt	5.86
Sulfur	lb	0.21	Dropp 50 WP	lb	58.80
UAN (32% N)	cwt	8.75	Dropp SC	oz	3.78
UAN + Sulfur (28% N)	cwt	8.90	Ethephon 6E	pt	6.09
Urea, Solid (46% N)	cwt	11.80	Finish 6	pt	10.65
Zinc	lb	0.24	Folex 6EC	pt	5.86
FUNGICIDES			Ginstar EC	pt	24.38
Apron Maxx RTA	oz	0.77	Gramoxone Max	pt	5.02
Apron XL	oz	9.08	Harvade 5F	oz	0.72
Apron XL LS	oz	6.58	Leafless	pt	18.56
Benlate 50 WP	lb	15.95	Prep	pt	5.79
Captan 4L	pt	2.83	Solium Chlorate 6L	gal	4.35
Captan 50 WP	lb	3.03	HERBICIDES		
Delta Coat AD	oz	3.75	2,4-D Amine 4	pt	1.64
Dithane F-45	qt	2.62	2,4-D Ester	pt	1.78
Dithane Rainsheild	pt	2.52	AAtrex 4L	pt	1.40
Fungicide	lb	2.32	AAtrex NINE-O	lb	2.41
Gem 25 WG	oz	3.25	Accent Gold	oz	7.35
Manzate 75 DF	lb	2.58	Accent SP	oz	31.10
Manzate Flowable	pt	1.69	Aim 2EC	oz	5.43
Moncut 70 DF	lb	24.15	Aim DF	oz	7.48
Orbit	oz	3.40	Arrosolo	qt	7.12
Prevail	lb	27.10	Assure II	oz	1.01
Quadris	oz	2.12	Atrazine 4L	pt	1.26
Ridomil Gold PC	lb	1.90			
Rovral 4F	pt	18.80			

Appendix Table 4. Operating Inputs, Louisiana, 2005

	Unit	Price		Unit	Price
Atrazine 90DF	lb	2.31	FloMet 4L	pt	4.58
Authority 75DF	lb	26.40	Front Row	oz	20.96
Axiom 68DF	lb	17.57	Frontier 6.0	oz	0.65
Backdraft	pt	2.42	Fultime	pt	3.71
Banvel	pt	10.29	Fusilade DX	oz	1.05
Basagran	pt	9.59	Fusion	pt	17.90
Basis Gold	lb	19.19	Glyfos	pt	2.56
Beacon 75% WSP	oz	25.78	Glyphomax	pt	3.88
Beyond	oz	4.11	Glystar Plus	pt	2.84
Bicep II Magnum	qt	10.32	Goal 2XL	pt	11.27
Bladex 4L	qt	7.80	Gramoxone Max	pt	5.02
Blazer Ultra	pt	8.69	Gramoxone Max	pt	5.02
Boa	pt	3.63	Grandstand R	qt	20.71
Bolero 8EC	pt	4.66	Guardsman	pt	4.74
Boundary	pt	9.57	Guardsman Max	pt	5.28
Bucril 4EC	pt	13.65	Harmony Extra	oz	12.48
Butoxone 175(2,4-DB)	pt	2.81	Hoelon 3EC	pt	8.26
Butoxone 200(2,4-DB)	pt	3.75	Karmex DF	lb	3.85
Butyrac 175 (2,4-DB)	pt	2.59	LA Asulox	gal	47.75
Butyrac 200 (2,4-DB)	pt	3.74	LA Weedmaster	gal	24.79
Canopy XL	oz	2.33	Lariat	qt	2.49
Caparol 4L	pt	3.59	Lasso 4EC	qt	5.92
Celebrity Plus	lb	81.16	Layby Pro	qt	9.00
Clarity	pt	11.36	Lexone 75DF	lb	18.90
Classic	oz	12.60	Liberty	pt	8.01
Clincher EC	oz	1.63	Lightning	oz	11.40
Cobra 2EC	oz	1.08	Linex 4L	pt	6.35
Command 3ME	pt	10.36	Londax 60DF	oz	14.95
Conclude XACT	pt	7.69	Lorox 50DF	lb	13.99
Conclude XTRA	pt	8.32	MSMA 6.6	pt	2.06
			MSMA6 + Surfactant	pt	2.26
Cotoran 4L	pt	4.34	Newpath 2SL	oz	3.98
Cotoran DF	lb	7.07	Ordram 15-G	lb	1.13
Cotton Pro Flowable	pt	3.34	Ordram 8-E	pt	6.99
Crossbow	pt	6.43	Outlook	pt	17.66
Delta Goal	pt	9.79	Pendimax 3.3	pt	2.58
Denim 0.16 EC	pt	23.84	Permit 75DF	oz	15.65
Detail	pt	7.99	Poast 1.53	pt	8.38
Direx 4L	pt	2.14	Poast Plus	pt	6.27
Direx 80 DF	lb	3.51	Propanil 4E	qt	5.30
Diuron 4L	pt	2.34	Prowl 3.3 EC	pt	2.61
Diuron 80 DF	lb	3.58	Pursuit DG	oz	11.24
Domain 60DF	lb	12.54	Pursuit Plus EC	pt	6.18
DSMA 4	pt	0.84	Python WDG	oz	9.38
Dual 8E	pt	0.00	Raptor	oz	4.02
Dual II Magnum	pt	13.49	Reflex 2LC	pt	11.49
Dual Magnum	pt	12.73	Regiment 80WP	oz	37.54
Duet	pt	3.15	Remedy	pt	11.41
Evik DF 80W	lb	6.21	Resource .86EC	pt	20.58
Exceed	oz	11.05	Ricestar	pt	20.36
Exceed Custom Pak	oz	11.22	Roundup Original	pt	4.05
			Roundup Original Max	pt	5.98
Facet 75DF	lb	49.51	Roundup Ultra MAX	pt	6.84
First Rate	oz	25.98	Roundup Ultra Dry	lb	8.51
Flexstar HL	pt	12.43			

Appendix Table 4. Operating Inputs, Louisiana, 2005

	Unit	Price		Unit	Price
Roundup WeatherMax	oz	0.45	Mepichlor 4.2% Liq	pt	7.35
Scepter 70 DG	oz	3.53	Methyl Parathion	pt	3.67
Select 2EC	oz	1.48	Monitor 4	pt	11.27
Sencor 4F	pt	12.15	Monitor 4	pt	11.27
Sencor DF	lb	20.06	Mustang Max	oz	1.61
Squadron CE	pt	4.58	Orthene 90S	lb	9.84
Stam 4E	qt	7.86	Orthene 97	lb	12.26
Stam 80 EDF	lb	4.20	Penncap M	pt	3.47
Staple 85%	oz	18.70	Phaser 3E	qt	8.13
Staple Plus	oz	8.93	Pounce 25WP	lb	10.73
Steadfast	oz	20.81	Pounce 3.2 EC	oz	1.05
Storm	pt	10.50	Provado 1.6F	oz	3.81
Strongarm	oz	43.29	Sevin XLR Plus	qt	7.42
Superwham	qt	5.75	Spintor 2SC	oz	4.30
Suprend	lb	9.45	Steward	pt	19.88
Surpass 20G	lb	2.26	Temik 15G Grit	lb	3.51
Surpass EC	qt	18.22	Thimet 20-G	lb	2.50
Touchdown	qt	9.32	Thionex 3EC	pt	3.78
Touchdown 4 IQ	pt	3.91	Thionex 50W	lb	6.71
Treflan HFP	pt	3.19	Tracer	oz	6.05
Treflan TR-10	lb	0.89	Trimax	oz	5.30
Trifluralin 4EC	pt	2.11	Vydate C-LV	oz	0.53
Trilin 4EC	pt	2.12	Warrior Z	oz	2.14
Typhoon	qt	13.13			
Valor WP	oz	4.38	SEED/PLANTS		
Whip 360	pt	22.99	Corn Seed Bt	thous	1.60
Zorial Rapid 80DF	lb	14.29	Corn Seed BtRR	thous	1.88
			Corn Seed Conv.	thous	1.43
INSECTICIDES			Corn Seed RR	thous	1.50
Acephate 90SP	lb	8.92	Cotton Seed Bt	thoud	0.30
Admire 2 Flowable	oz	4.54	Cotton Seed BtRR	thous	0.33
Ammo 2.5 EC	oz	1.09	Cotton Seed Conv.	thous	0.30
Asana .66 XL	oz	0.71	Cotton Seed Liberty	thous	0.56
Aztec 2.1% G	lb	2.41	Cotton Seed RR	thous	0.31
Baythroid 2	oz	2.67	Cotton Seed RR	thous	0.31
Bidrin 8L	oz	0.70	Rice Clearfield 161	lb	0.45
Capture 2EC	oz	3.25	Rice Clearfield XL8	lb	3.46
Centric 40WG	oz	4.48	Rice Seed (Levees)	lb	0.21
Comite	pt	10.09	Rice Seed Cl(Levees)	lb	0.45
Confirm 2F	oz	1.36	Rice Seed Conv.	lb	0.21
			Rice Seed Hybrid	lb	2.75
Fury 1.5 EC	oz	1.30	SC Cultured seedcane	acre	460.00
Gaicho 480	oz	10.64	Sorghum Concept	lb	1.32
Intrepid 2F	oz	1.78	Sorghum NonConcept	lb	1.20
Intruder 70WP	oz	8.00	Soybean Seed Private	lb	0.38
Karate Z	oz	2.88	Soybean Seed RR	lb	0.56
Lannate LV	pt	6.96	Wheat Seed Private	lb	0.39
Lannate SP	oz	1.26			
Larvin 3.2	oz	0.47	SERVICE FEE		
Leverage 2.7	oz	2.99	Cotton storage	bale	25.00
Lorsban 15G	lb	1.74	Insect Scouting	acre	9.00
Lorsban 4E	pt	4.77	Module Hauling	bale	5.00
Malathion 57EC	pt	3.05	Rice Consultant	acre	7.00
Malathion 8E	pt	3.47	Survey & Mark Levees	acre	4.00
Malathion ULV	pt	3.62			

TECHNOLOGY FEE	Unit	Price
BG Cot Tech Fee	thous	0.57
BG Cot Tech Fee	cap/ac	32.00
BG II Cot Tech Fee	thous	0.71
BG II Cot Tech Fee	cap/ac	40.00
BG II/RR Tech Fee	thous	1.08
BG II/RR Tech Fee	cap/ac	51.00
BG/RR Cot Tech Fee	thous	0.93
BG/RR Cot Tech Fee	cap/ac	43.00
Eradication Fee	acre	6.00
RR Cotton Tech Fee	thous	0.32
RR Cotton Tech Fee	cap/ac	14.50

Appendix Table 5. Estimated costs per Acre, Overhead Costs,  
 Tenant-Operator, Louisiana, 2005

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
HIRED LABOR					
Other labor	hour	9.60	0.7600	7.29	_____
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	9.60	0.1500	1.44	_____
Self-Propelled Eq.	hour	9.60	1.5000	14.40	_____
Shop bld. & equip.	hour	9.60	0.5800	5.56	_____
DIESEL FUEL					
Tractors	gal	1.45	0.3860	0.55	_____
Self-Propelled Eq.	gal	1.45	3.7500	5.43	_____
REPAIR & MAINTENANCE					
Implements	Acre,	0.11	1.0000	0.11	_____
Tractors	Acre,	0.08	1.0000	0.08	_____
Self-Propelled Eq.	Acre,	4.21	1.0000	4.21	_____
Shop bld. & equip.	acre	7.68	1.0000	7.68	_____
INTEREST ON OP. CAP.	Acre,	2.61	1.0000	2.61	_____
				-----	
TOTAL DIRECT EXPENSES				57.68	_____
FIXED EXPENSES					
Implements	Acre,	0.32	1.0000	0.32	_____
Tractors	Acre,	0.55	1.0000	0.55	_____
Self-Propelled Eq.	Acre,	10.42	1.0000	10.42	_____
Shop bld. & equip.	acre	6.55	1.0000	6.55	_____
				-----	
TOTAL FIXED EXPENSES				17.85	_____
				-----	
TOTAL SPECIFIED EXPENSES				75.54	_____

Appendix Table 6. Estimated costs per Acre, Overhead Costs, Owner-Operators, Louisiana, 2005.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
HIRED LABOR					
Other labor	hour	9.60	1.2700	12.19	_____
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	9.60	0.1500	1.44	_____
Self-Propelled Eq.	hour	9.60	1.5000	14.40	_____
Shop bld. & equip.	hour	9.60	0.5800	5.56	_____
DIESEL FUEL					
Tractors	gal	1.45	0.3860	0.55	_____
Self-Propelled Eq.	gal	1.45	3.7500	5.43	_____
REPAIR & MAINTENANCE					
Implements	Acre,	0.11	1.0000	0.11	_____
Tractors	Acre,	0.08	1.0000	0.08	_____
Self-Propelled Eq.	Acre,	4.21	1.0000	4.21	_____
Shop bld. & equip.	acre	7.68	1.0000	7.68	_____
INTEREST ON OP. CAP.	Acre,	3.12	1.0000	3.12	_____
TOTAL DIRECT EXPENSES				69.78	_____
FIXED EXPENSES					
Implements	Acre,	0.32	1.0000	0.32	_____
Tractors	Acre,	0.55	1.0000	0.55	_____
Self-Propelled Eq.	Acre,	10.42	1.0000	10.42	_____
Shop bld. & equip.	acre	6.55	1.0000	6.55	_____
TOTAL FIXED EXPENSES				17.85	_____
TOTAL SPECIFIED EXPENSES				87.64	_____