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**2008  
Projected  
Commodity  
Costs  
And  
Returns**

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

**Kenneth W. Paxton**



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PROJECTED COSTS AND RETURNS  
COTTON, SOYBEANS, CORN, MILO AND WHEAT,  
RED RIVER AND CENTRAL AREAS, LOUISIANA, 2008

by

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PROJECTED COSTS AND RETURNS  
COTTON, SOYBEANS, CORN, MILO AND WHEAT,  
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by

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

INTRODUCTION

Producers need reliable information upon which to base critical management decisions. These decisions include the use of various inputs in the production process as well as alternative enterprises. Given the events of the past year and the resultant changes in input costs, production decisions are likely to be even more critical in 2008. Estimating production costs is a critical first step in developing a marketing plan and the budgets presented here provide a framework for making those estimates. While the budgets presented here are based on our best estimate of representative production practices, they will not fit every situation. Individuals utilizing these budgets should modify them to reflect data for their own operation. In addition to producers, extension agents, financial institution, and other researchers should find the information in this report useful.

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 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 (i.e. he has less than 100 percent equity) his cash 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 cash 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 chooses to rent out the land rather than produce the enterprise.

Overhead Costs

Overhead cost projections presented in this report are based on the 2000 ERS survey of overhead costs. This survey is conducted every three to eight years. Methodology and detailed information can be found on the ERS website at <http://www.ers.usda.gov>. Forecasts for general farm overhead, and taxes and insurance for corn, soybeans, cotton and rice for regions that include Louisiana for 2005 were averaged. The percentage difference between 2005 and the projected costs for 2008 for each crop national average was calculated and these were averaged. The 2005 regional average was then increased by this average to produce the figure used in this report.

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## Irrigation Costs

Irrigation costs shown in the cotton budget are based on a poly-pipe irrigation system. A 160 acre poly-pipe system was used to develop irrigation costs. The system includes a 120 foot deep well with 8-inch casing with a 6-inch discharge. Details of system costs are shown in Table 1. It was assumed that the poly-pipe (furrow) system would be used three times per year to apply a total of 10 acre-inches of water. A summary of cost items for a center pivot system are shown in Table 2. It was assumed that the system would be used three times per year and apply a total of 7.5 acre-inches of water. The center pivot system was assumed for the irrigated corn budget.

## Cotton Budgets

This report presents cotton budgets showing projected costs and returns for 2008 for the Red River and Central Areas of Louisiana. Cotton budgets are presented for 8- and 12-row equipment. A 38 inch row spacing was used as a basis for all equipment size designation. Both owner-operators and tenant-operators budgets are presented in this report. Following each budget is a table showing the sequence of operations and associated machinery costs and labor requirements for each operation.

## Cotton Harvesting

Harvesting costs shown in the budgets are based on using four-row cotton pickers. While four-row pickers account for the largest share of picking capacity in the state, six-row pickers account for a significant and increasing share. Data on costs associated with owning and operating six-row cotton pickers are presented in the appendix to this report. These data indicate that the cost of owning and operating a six-row picker are approximately \$71 per acre compared to about \$72 for a four-row picker. These costs assume that the six-row machine is used on approximately 1,200 acres while the four-row picker is used on 800 acres. If the rate of use is less, then these costs would be higher. The enterprise budgets reflect once-over harvest for cotton. 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.

Other components of the harvest equipment are assumed to include a module builder and boll buggy. All harvested cotton is assumed to be placed in modules with the boll buggy used to facilitate the transfer of seedcotton from the picker to the module builder. The cost of hauling the module is based on a custom charge of a flat fee plus a mileage rate. If rebates or other incentives are available, individual budgets may be adjusted to reflect the level of the incentive.

## Cotton Ginning

A change is being made this year in how ginning costs are accounted for in the cotton budgets. In previous years, a cost for ginning was included in the variable cost section of the enterprise budgets for cotton. This year, the cotton budgets assume that the cost of ginning is covered by the value of the seed. This assumption conforms to the general practice of most gins in the state of accepting the seed as payment for ginning the seedcotton. This change, however, will make it difficult to compare production costs across years.

## 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 2008. Insecticide programs have been modified to account for BWE program applications.

## Storage Charges

Cotton budgets for 2008 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 2008 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 narrower row spacing. These narrower row spacing 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 2008 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 2008 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 2008 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 2008 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 1. Estimated costs per Acre, Poly pipe irrigation system, 160 acres applying 10.5 inches in three applications, Louisiana, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
LA Hired Labor					
Tractors	hour	9.60	0.2930	2.81	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
Implements	hour	9.60	0.0062	0.06	_____
DIESEL FUEL					
Tractors	gal	2.90	2.8274	8.20	_____
Engine, RPF, 75	gal	2.90	8.5535	24.81	_____
REPAIR & MAINTENANCE					
Implements	Acre	0.37	1.0000	0.37	_____
Tractors	Acre	1.07	1.0000	1.07	_____
Well & Pump, Furrow	each	324.00	0.0062	2.03	_____
Engine, RPF, 75	ac-in	0.22	10.5000	2.34	_____
INTEREST ON OP. CAP.	Acre	1.36	1.0000	1.36	_____
				-----	
TOTAL DIRECT EXPENSES				51.09	_____
FIXED EXPENSES					
Implements	Acre	1.19	1.0000	1.19	_____
Tractors	Acre	7.86	1.0000	7.86	_____
Well & Pump, Furrow	each	1211.09	0.0062	7.57	_____
Main Line Pipe	each	852.61	0.0062	5.33	_____
Land Forming (\$300)	each	26.91	1.0000	26.91	_____
Engine, RPF, 75	each	980.92	0.0062	6.13	_____
				-----	
TOTAL FIXED EXPENSES				54.99	_____
				-----	
TOTAL SPECIFIED EXPENSES				106.08	_____

Table 2. Estimated costs per Acre, ¼ mile Center pivot irrigation system, applying 7.5 inches in three applications, Louisiana, 2008

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	2.90	11.2011	32.47	_____
REPAIR & MAINTENANCE					
Well & Pump, 1/4 CP	each	324.00	0.0074	2.40	_____
Engine, 1/4 CP, 65	ac-in	0.33	7.5000	2.50	_____
Pivot, 1/4 CP	1320'	1100.00	0.0074	8.15	_____
INTEREST ON OP. CAP.	Acre	1.44	1.0000	1.44	_____
				-----	
TOTAL DIRECT EXPENSES				48.91	_____
FIXED EXPENSES					
Well & Pump, 1/4 CP	each	1211.09	0.0074	8.97	_____
Engine, 1/4 CP, 65	each	882.82	0.0074	6.54	_____
Pivot, 1/4 CP	each	5395.07	0.0074	39.96	_____
				-----	
TOTAL FIXED EXPENSES				55.47	_____
				-----	
TOTAL SPECIFIED EXPENSES				104.38	_____

Table 3. A summary of projected costs and returns per acre for cotton production, Red River and Central Areas, Louisiana, 2008.<sup>A</sup>

Crop Description	Yield per Acre <sup>B</sup>	Unit	Total Income	Total Direct Expenses	Returns Above Direct Expenses	Total Fixed Expenses	Total Specified Expenses <sup>C</sup>	Returns Above Specified Expenses
Cotton, 8-row, solid, Conventional	900	Lbs. lint	496.80	465.21	31.59	110.41	575.62	-78.82
Cotton, 8-row, RR, Sandy Soil	900	Lbs. lint	496.80	461.54	35.26	92.76	554.30	-57.50
Cotton, 8-row, BG/RR, Tenant <sup>D</sup>	720	Lbs. lint	397.44	458.03	-60.59	80.37	538.40	-140.96
Cotton, 12-row, BGII/Flex, Irr. Tenant <sup>D</sup>	1100	Lbs. lint	607.20	531.77	75.43	140.04	671.81	-64.61

<sup>A</sup>Cotton lint price of \$0.55 per pound was used.

<sup>B</sup>Cottonseed yield (not shown here) is assumed to cover the cost of ginning.

<sup>C</sup>Farm overhead charges are not included in total specified expenses. Land costs are explicitly included (in the form of reduced revenue) 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, 2008.

Crop Description	Base Yield	Unit	Yield Levels				
			-20%	-10%	Base	+10%	+20%
<b>Prices required to recover total specified expenses<sup>A</sup></b>							
Cotton, 8-row, solid, Conventional	900	Lbs. lint	0.79	0.70	0.63	0.58	0.53
Cotton, 8-row, RR, Sandy Soil	900	Lbs. lint	0.76	0.68	0.61	0.56	0.51
Cotton, 8-row, BG/RR, Tenant <sup>B</sup>	720	Lbs. lint	0.92	0.82	0.74	0.68	0.62
Cotton, 12-row, BGII/Flex, Irr. Tenant <sup>B</sup>	1100	Lbs. lint	0.75	0.67	0.61	0.55	0.51
<b>Prices required to recover total direct expenses</b>							
Cotton, 8-row, solid	900	Lbs. lint	0.63	0.57	0.51	0.47	0.43
Cotton, 8-row, RR, Sandy Soil	900	Lbs. lint	0.63	0.56	0.51	0.46	0.43
Cotton, 8-row, BG/RR, Tenant <sup>B</sup>	720	Lbs. lint	0.78	0.70	0.63	0.58	0.53
Cotton, 12-row, BGII/Flex, Irr. Tenant <sup>B</sup>	1100	Lbs. lint	0.59	0.53	0.48	0.44	0.40

<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 and Central Areas, Louisiana, 2008.<sup>A</sup>

Crop Description	Yield per Acre	Unit	Total Income	Total Direct Expenses	Returns	Total Fixed Expenses	Total Specified Expenses <sup>B</sup>	Returns
					Above Direct Expenses			Above Specified Expenses
Soybeans, 8-row, Owner	40	bu	400.00	116.39	283.61	21.88	138.27	261.73
Soybeans, 8-row, RR, Tenant <sup>C</sup>	30	Bu	300.00	136.34	163.66	21.00	157.34	142.66
Soybeans, 12-row, RR, Tenant <sup>C</sup>	30	Bu	300.00	135.63	164.37	21.58	157.21	142.79
Soybeans, 8-row, Drilled, Tenant <sup>C</sup>	30	Bu	300.00	130.29	169.71	22.54	152.83	147.17

<sup>A</sup> Soybean price of \$10.00 per bushel was used.

<sup>B</sup> Farm overhead charges are not included in total specified expenses. Land costs are explicitly included (in the form of reduced revenue) for tenant operators.

<sup>C</sup> Assumes a cotton rental arrangement of 1/4 crop share.

Table 6. Breakeven selling prices for soybeans for selected yield levels, Red River and Central Areas, Louisiana, 2008.

Crop Description	Base Yield	Unit	Yield Levels					
			-20%	-10%	Base	+10%	+20%	
<b>Prices required to recover total specified expenses<sup>A</sup></b>								
Soybeans, 8-row, Owner	40	bu	4.27	3.81	3.45	3.16	2.91	
Soybeans, 8-row, RR, Tenant <sup>B</sup>	30	bu	6.50	5.80	5.24	4.78	4.40	
Soybeans, 12-row, Tenant <sup>B</sup>	30	bu	6.49	5.80	5.24	4.78	4.40	
Soybeans, 8-row, Drilled, Tenant <sup>B</sup>	30	bu	6.31	5.63	5.09	4.64	4.27	
<b>Prices required to recover total direct expenses</b>								
Soybeans, 8-row, Owner	40	bu	3.58	3.21	2.90	2.66	2.45	
Soybeans, 8-row, Roundup Ready	30	bu	5.63	5.02	4.54	4.14	3.82	
Soybeans, 12-row, Tenant <sup>B</sup>	30	bu	5.60	5.00	4.52	4.12	3.80	
Soybeans, 8-row, Drilled, Tenant <sup>B</sup>	30	bu	5.37	4.80	4.34	3.96	3.65	

<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 corn, milo, and wheat production, Red River and Central Areas, Louisiana, 2008.<sup>A</sup>

Crop Description	Yield per Acre	Unit	Total Income	Total Direct Expenses	Returns	Total Fixed Expenses	Total Specified Expenses <sup>B</sup>	Returns
					Above Direct Expenses			Above Specified Expenses
Corn, 8-row, Tenant <sup>C</sup>	120	bu	456.00	354.50	101.50	33.60	388.10	67.90
Corn, 8-row, Irrigated, Tenant <sup>C</sup>	140	bu	532.00	422.80	109.20	89.07	511.87	20.13
Milo, 8-row, Tenant <sup>C</sup>	100	bu	350.00	162.02	187.98	32.08	194.10	155.90
Wheat, 8-row, Drilled	60	bu	510.00	174.58	335.42	24.75	199.33	310.67
Wheat & Soybean, Doublecrop	50 + 35	bu	775.00	290.89	484.11	47.35	338.24	436.76

<sup>A</sup>Crop prices used were \$3.80 per bushel for corn, \$3.50 per bushel for milo, and \$8.50 per bushel for wheat.

<sup>B</sup>Farm overhead expenses not included in total specified expenses. Land costs are explicitly included (in the form of reduced revenue) for tenant operators.

<sup>C</sup>Assumes a 1/4 crop share rental arrangement.

Table 8. Breakeven selling prices for corn, milo, and wheat for selected yield levels, Red River and Central Areas, Louisiana, 2008.

Crop Description	Base Yield	Unit	Yield Levels					
			-20%	-10%	Base	+10%	+20%	
<b>Prices required to recover total specified expenses<sup>A</sup></b>								
Corn, 8-row, Tenant <sup>C</sup>	120	bu	3.94	3.54	3.23	2.97	2.76	
Corn, 8-row, Irrigated, Tenant <sup>C</sup>	140	bu	4.47	4.01	3.65	3.36	3.11	
Milo, 8-row, Tenant <sup>C</sup>	100	bu	2.37	2.13	1.94	1.78	1.65	
Wheat, 8-row, Drilled	60	bu	4.10	3.66	3.32	3.03	2.80	
<b>Prices required to recover total direct expenses</b>								
Corn, 8-row, Tenant <sup>C</sup>	160	bu	3.59	3.23	2.95	2.72	2.52	
Corn, 8-row, Tenant <sup>C</sup>	140	bu	3.67	3.31	3.02	2.78	2.58	
Milo, 8-row, Tenant <sup>C</sup>	100	bu	1.97	1.77	1.62	1.49	1.38	
Wheat, 8-row, Drilled	60	bu	3.58	3.20	2.90	2.66	2.45	

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

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

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, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.55	900.0000	496.80	_____
TOTAL INCOME				496.80	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 3 gal)	appl	3.50	6.0000	21.00	_____
App by Air ( 5 gal)	appl	4.50	1.0000	4.50	_____
HARVEST AIDS					
Dropp 50 WP	lb	44.00	0.2000	8.80	_____
Prep	pt	5.44	1.3300	7.24	_____
FERTILIZERS					
LA Nitrogen	lb	0.54	90.0000	48.60	_____
LA Phosphate	lb	0.44	40.0000	17.60	_____
LA Potash	lb	0.36	50.0000	18.00	_____
HERBICIDES					
Treflan HFP	pt	2.35	1.0000	2.35	_____
Cotoran 4L	pt	4.90	2.7000	13.23	_____
Staple 85%	oz	18.97	1.2000	22.76	_____
MSMA6 + Surfactant	pt	1.98	1.3300	2.63	_____
Karmex DF	lb	4.35	1.0000	4.35	_____
INSECTICIDES					
Temik 15G Grit	lb	3.20	3.3300	10.66	_____
Ammo 2.5 EC	oz	0.65	3.8800	2.52	_____
Orthene 90S	lb	8.85	0.4400	3.89	_____
Centric 40WG	oz	5.04	2.0000	10.08	_____
Orthene 97	lb	11.81	1.1600	13.70	_____
Baythroid 2	oz	2.88	2.1120	6.08	_____
Tracer	oz	6.38	2.3300	14.87	_____
Karate Z	oz	3.10	2.0000	6.20	_____
SEED/PLANTS					
Cotton Seed Conv.	thous	0.39	52.5000	20.48	_____
TECHNOLOGY FEE					
Eradication Fee	acre	6.00	1.0000	6.00	_____
SERVICE FEE					
Cotton Checkoff	lbs	0.00	900.0000	6.82	_____
Insect Scouting	acre	7.00	1.0000	7.00	_____
Cotton Storage	bale	25.00	1.8750	46.88	_____
ADJUVANTS					
Surfactant	pt	1.55	0.6000	0.93	_____
CUSTOM HARVEST/HAUL					
Haul Cotton	lb	0.02	900.0000	18.00	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.2577	3.94	_____
LA Hired Labor					
Implements	hour	9.60	0.5751	5.52	_____
Tractors	hour	9.60	1.5293	14.65	_____
Self-Propelled	hour	9.60	0.2577	2.47	_____
DIESEL FUEL					
Tractors	gal	2.90	14.4416	41.90	_____
Self-Propelled	gal	2.90	3.3833	9.81	_____
REPAIR & MAINTENANCE					
Implements	Acre	10.55	1.0000	10.55	_____
Tractors	Acre	5.50	1.0000	5.50	_____
Self-Propelled	Acre	10.00	1.0000	10.00	_____
INTEREST ON OP. CAP.	Acre	15.68	1.0000	15.68	_____
TOTAL DIRECT EXPENSES				465.21	_____
RETURNS ABOVE DIRECT EXPENSES				31.59	_____
FIXED EXPENSES					
Implements	Acre	24.71	1.0000	24.71	_____
Tractors	Acre	40.27	1.0000	40.27	_____
Self-Propelled	Acre	45.43	1.0000	45.43	_____
TOTAL FIXED EXPENSES				110.41	_____
TOTAL SPECIFIED EXPENSES				575.62	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-78.82	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				-108.82	_____

Table 9.B Estimated resource use and costs for field operations, per Acre  
 Conventional Cotton, Sandy Soil, 8-Row Equipment, Solid  
 Owner-Operator, Red River and Central Areas,, Louisiana, 2008

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-----			
Subsoiler	3 shank	MFWD 190	0.204	0.50	Dec	3.28	2.79	0.14	0.44	0.10	0.98				7.63
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Mar	2.49	2.12	0.73	0.96	0.11	1.12				7.42
LA Nitrogen	lb											90.0000	0.54	48.60	48.60
LA Phosphate	lb											40.0000	0.44	17.60	17.60
LA Potash	lb											50.0000	0.36	18.00	18.00
Disk & Incorporate	32'	MFWD 225	0.068	1.00	Mar	2.61	2.22	0.83	1.73	0.10	0.99				8.38
Treflan HFP	pt											1.0000	2.35	2.35	2.35
Field Cultivate	32'	MFWD 190	0.046	1.00	Apr	1.49	1.27	0.33	1.64	0.04	0.45				5.18
Ditcher		2WD 130	0.020	1.00	Apr	0.44	0.34	0.03	0.05	0.02	0.19				1.05
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Apr	2.38	2.02	0.30	0.93	0.07	0.71				6.34
Row Cond (Plant)	27'	MFWD 190	0.078	1.00	Apr	2.52	2.14	0.19	0.93	0.07	0.75				6.53
Plant & Pre Folding	8R-38	MFWD 170	0.080	1.00	May	2.32	2.08	1.18	2.69	0.16	1.54				9.81
Cotoran 4L	pt											1.2000	4.90	5.88	5.88
Cotton Seed Conv.	thous											52.5000	0.39	20.48	20.48
Temik 15G Grit	lb											3.3300	3.20	10.66	10.66
Cotoran 4L	pt											1.5000	4.90	7.35	7.35
Ammo 2.5 EC	oz											1.2800	0.65	0.83	0.83
Cult & Post	8R-38	MFWD 190	0.086	1.00	May	2.79	2.37	0.52	1.61	0.13	1.25				8.54
Orthene 90S	lb											0.2200	8.85	1.95	1.95
Staple 85%	oz											0.6000	18.97	11.38	11.38
Surfactant	pt											0.2000	1.55	0.31	0.31
Ditcher		2WD 130	0.020	1.00	May	0.44	0.34	0.03	0.05	0.02	0.19				1.05
Cult & Post	8R-38	MFWD 190	0.086	1.00	May	2.79	2.37	0.52	1.61	0.13	1.25				8.54
Staple 85%	oz											0.6000	18.97	11.38	11.38
Surfactant	pt											0.2000	1.55	0.31	0.31
Orthene 90S	lb											0.2200	8.85	1.95	1.95
Cult & Post	8R-38	MFWD 190	0.086	1.00	May	2.79	2.37	0.52	1.61	0.13	1.25				8.54
Centric 40WG	oz											2.0000	5.04	10.08	10.08
MSMA6 + Surfactant	pt											1.3300	1.98	2.63	2.63
App by Air ( 3 gal)	appl			1.00	Jun							1.0000	3.50	3.50	3.50
Orthene 97	lb											0.3300	11.81	3.90	3.90
Eradication Fee	acre			1.00	Jul							1.0000	6.00	6.00	6.00
App by Air ( 3 gal)	appl			1.00	Jul							1.0000	3.50	3.50	3.50
Ammo 2.5 EC	oz											2.6000	0.65	1.69	1.69
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jul	1.94	1.73	0.32	0.46	0.10	0.96				5.41
Karmex DF	lb											1.0000	4.35	4.35	4.35
Surfactant	pt											0.2000	1.55	0.31	0.31
App by Air ( 3 gal)	appl			1.00	Jul							1.0000	3.50	3.50	3.50
Baythroid 2	oz											2.1120	2.88	6.08	6.08
Orthene 97	lb											0.3300	11.81	3.90	3.90
App by Air ( 3 gal)	appl			1.00	Jul							1.0000	3.50	3.50	3.50
Tracer	oz											2.3300	6.38	14.87	14.87
App by Air ( 3 gal)	appl			1.00	Aug							1.0000	3.50	3.50	3.50
Orthene 97	lb											0.5000	11.81	5.91	5.91
App by Air ( 3 gal)	appl			1.00	Aug							1.0000	3.50	3.50	3.50
Karate Z	oz											2.0000	3.10	6.20	6.20
Orthene 97	lb												11.81		
App by Air ( 5 gal)	appl			1.00	Sep							1.0000	4.50	4.50	4.50
Dropp 50 WP	lb											0.2000	44.00	8.80	8.80
Prep	pt											1.3300	5.44	7.24	7.24
Cotton Picker-1st-BB	4R38*255hp		0.257	1.00	Sep	19.81	45.43			0.51	6.41				71.65
Module Builder-1st	4R-38(255)	MFWD 190	0.257	1.00	Sep	8.27	7.04	2.15	5.19	0.51	4.94				27.59
Boll Buggy-1st pick	4R38*255hp	MFWD 190	0.257	1.00	Sep	8.27	7.04	1.67	4.04	0.25	2.47				23.49
Stalk Shredder	14'	2WD 130	0.117	1.00	Nov	2.58	2.03	1.09	0.77	0.11	1.13				7.60
Cotton Checkoff	lbs			1.00	Nov							900.0000	0.00	6.82	6.82
Insect Scouting	acre			1.00	Nov							1.0000	7.00	7.00	7.00
Haul Cotton	lb			1.00	Nov							900.0000	0.02	18.00	18.00
Cotton Storage	bale			1.00	Nov							1.8750	25.00	46.88	46.88
TOTALS						67.21	85.70	10.55	24.71	2.62	26.58			345.19	559.94
INTEREST ON OPERATING CAPITAL															15.68
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															575.62



Table 10.A Estimated costs and returns per Acre  
 RR Cotton, Sandy Soil, 8-Row Equipment, Solid Plant  
 Owner-Operator, Red River and Central Areas, Louisiana, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.55	900.0000	496.80	_____
TOTAL INCOME				496.80	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 3 gal)	appl	3.50	5.0000	17.50	_____
App by Air ( 5 gal)	appl	4.50	1.0000	4.50	_____
HARVEST AIDS					
Dropp 50 WP	lb	44.00	0.2000	8.80	_____
Prep	pt	5.44	1.3300	7.24	_____
FERTILIZERS					
LA Nitrogen	lb	0.54	90.0000	48.60	_____
LA Phosphate	lb	0.44	40.0000	17.60	_____
LA Potash	lb	0.36	50.0000	18.00	_____
HERBICIDES					
Roundup WeatherMax	oz	0.35	88.0000	30.80	_____
Cotoran 4L	pt	4.90	2.7000	13.23	_____
Karmex DF	lb	4.35	1.0000	4.35	_____
INSECTICIDES					
Temik 15G Grit	lb	3.20	3.3300	10.66	_____
Ammo 2.5 EC	oz	0.65	4.2800	2.78	_____
Orthene 90S	lb	8.85	0.2200	1.95	_____
Centric 40WG	oz	5.04	2.0000	10.08	_____
Tracer	oz	6.38	2.1000	13.40	_____
Baythroid 2	oz	2.88	2.1120	6.08	_____
Orthene 97	lb	11.81	0.5000	5.91	_____
Karate Z	oz	3.10	2.0000	6.20	_____
SEED/PLANTS					
Cotton Seed RR	thous	0.36	52.5000	18.90	_____
TECHNOLOGY FEE					
RR Cotton Tech Fee	cap/ac	29.00	1.0000	29.00	_____
Eradication Fee	acre	6.00	1.0000	6.00	_____
SERVICE FEE					
Cotton Checkoff	lbs	0.00	900.0000	6.82	_____
Insect Scouting	acre	7.00	1.0000	7.00	_____
Cotton Storage	bale	25.00	1.8750	46.88	_____
ADJUVANTS					
Surfactant	pt	1.55	0.2000	0.31	_____
CUSTOM HARVEST/HAUL					
Haul Cotton	lb	0.02	900.0000	18.00	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.2577	3.94	_____
LA Hired Labor					
Implements	hour	9.60	0.4314	4.13	_____
Tractors	hour	9.60	1.1169	10.72	_____
Self-Propelled	hour	9.60	0.3106	2.97	_____
DIESEL FUEL					
Tractors	gal	2.90	10.4480	30.30	_____
Self-Propelled	gal	2.90	3.5830	10.39	_____
REPAIR & MAINTENANCE					
Implements	Acre	8.22	1.0000	8.22	_____
Tractors	Acre	4.01	1.0000	4.01	_____
Self-Propelled	Acre	10.14	1.0000	10.14	_____
INTEREST ON OP. CAP.	Acre	16.13	1.0000	16.13	_____
TOTAL DIRECT EXPENSES				461.54	_____
RETURNS ABOVE DIRECT EXPENSES				35.26	_____
FIXED EXPENSES					
Implements	Acre	16.97	1.0000	16.97	_____
Tractors	Acre	29.24	1.0000	29.24	_____
Self-Propelled	Acre	46.55	1.0000	46.55	_____
TOTAL FIXED EXPENSES				92.76	_____
TOTAL SPECIFIED EXPENSES				554.30	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-57.50	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				-87.50	_____

Table 10.B Estimated resource use and costs for field operations, per Acre  
 RR Cotton, Sandy Soil, 8-Row Equipment, Solid Plant  
 Owner-Operator, Red River and Central Areas,, Louisiana, 2008

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-----			
Paratill & Bed Fold.	8R-38	MFWD 225	0.080	1.00	Nov	3.07	2.61	0.60	1.25	0.08	0.78				8.31
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	0.50	Feb	1.19	1.01	0.15	0.47	0.03	0.36				3.18
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Mar	2.49	2.12	0.73	0.96	0.11	1.12				7.42
LA Nitrogen	lb											90.0000	0.54	48.60	48.60
LA Phosphate	lb											40.0000	0.44	17.60	17.60
LA Potash	lb											50.0000	0.36	18.00	18.00
Sprayer( 300-450Gal)	60'		0.017	1.00	Apr	0.36	0.56			0.02	0.25				1.17
Roundup WeatherMax	oz											22.0000	0.35	7.70	7.70
Row Cond (Plant)	27'	MFWD 190	0.078	1.00	Apr	2.52	2.14	0.19	0.93	0.07	0.75				6.53
Plant & Pre Folding	8R-38	MFWD 170	0.080	1.00	Apr	2.32	2.08	1.18	2.69	0.16	1.54				9.81
Cotoran 4L	pt											1.2000	4.90	5.88	5.88
Cotton Seed RR	thous											52.5000	0.36	18.90	18.90
Temik 15G Grit	lb											3.3300	3.20	10.66	10.66
Cotoran 4L	pt											1.5000	4.90	7.35	7.35
Ammo 2.5 EC	oz											1.2800	0.65	0.83	0.83
RR Cotton Tech Fee	cap/ac											1.0000	29.00	29.00	29.00
Ditcher		2WD 130	0.020	1.00	Apr	0.44	0.34	0.03	0.05	0.02	0.19				1.05
Sprayer( 300-450Gal)	60'		0.017	1.00	May	0.36	0.56			0.02	0.25				1.17
Orthene 90S	lb											0.2200	8.85	1.95	1.95
Roundup WeatherMax	oz											22.0000	0.35	7.70	7.70
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	1.22	1.10	0.11	0.16	0.06	0.61				3.20
Roundup WeatherMax	oz											22.0000	0.35	7.70	7.70
Centric 40WG	oz											2.0000	5.04	10.08	10.08
App by Air ( 3 gal)	appl			1.00	Jun							1.0000	3.50	3.50	3.50
Tracer	oz											2.1000	6.38	13.40	13.40
Eradication Fee	acre			1.00	Jul							1.0000	6.00	6.00	6.00
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jul	1.94	1.73	0.32	0.46	0.10	0.96				5.41
Karmex DF	lb											1.0000	4.35	4.35	4.35
Surfactant	pt											0.2000	1.55	0.31	0.31
Roundup WeatherMax	oz											22.0000	0.35	7.70	7.70
App by Air ( 3 gal)	appl			1.00	Jul							1.0000	3.50	3.50	3.50
Baythroid 2	oz											2.1120	2.88	6.08	6.08
App by Air ( 3 gal)	appl			1.00	Jul							1.0000	3.50	3.50	3.50
Ammo 2.5 EC	oz											3.0000	0.65	1.95	1.95
App by Air ( 3 gal)	appl			1.00	Aug							1.0000	3.50	3.50	3.50
Orthene 97	lb											0.5000	11.81	5.91	5.91
App by Air ( 3 gal)	appl			1.00	Aug							1.0000	3.50	3.50	3.50
Karate Z	oz											2.0000	3.10	6.20	6.20
App by Air ( 5 gal)	appl			1.00	Sep							1.0000	4.50	4.50	4.50
Dropp 50 WP	lb											0.2000	44.00	8.80	8.80
Prep	pt											1.3300	5.44	7.24	7.24
Cotton Picker-1st-BB	4R38"255hp		0.257	1.00	Sep	19.81	45.43			0.51	6.41				71.65
Module Builder-1st	4R-38(255)	MFWD 190	0.257	1.00	Sep	8.27	7.04	2.15	5.19	0.51	4.94				27.59
Boll Buggy-1st pick	4R38"255hp	MFWD 190	0.257	1.00	Sep	8.27	7.04	1.67	4.04	0.25	2.47				23.49
Stalk Shredder	14'	2WD 130	0.117	1.00	Nov	2.58	2.03	1.09	0.77	0.11	1.13				7.60
Cotton Checkoff	lbs			1.00	Nov							900.0000	0.00	6.82	6.82
Insect Scouting	acre			1.00	Nov							1.0000	7.00	7.00	7.00
Haul Cotton	lb			1.00	Nov							900.0000	0.02	18.00	18.00
Cotton Storage	bale			1.00	Nov							1.8750	25.00	46.88	46.88
TOTALS						54.84	75.79	8.22	16.97	2.11	21.76			360.59	538.17
INTEREST ON OPERATING CAPITAL															16.13
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															554.30

Table 11.A Estimated costs and returns per Acre  
 BG/RR Cotton, Sandy Soil, 8-Row Equip, Solid Plant  
 Tenant-Operator, Red River and Central Areas, Louisiana, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.55	720.0000	397.44	_____
TOTAL INCOME				397.44	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 3 gal)	appl	3.50	4.0000	14.00	_____
App by Air ( 5 gal)	appl	4.50	1.0000	4.50	_____
HARVEST AIDS					
Dropp 50 WP	lb	44.00	0.2000	8.80	_____
FERTILIZERS					
LA Nitrogen	lb	0.54	90.0000	48.60	_____
LA Phosphate	lb	0.44	40.0000	17.60	_____
LA Potash	lb	0.36	50.0000	18.00	_____
HERBICIDES					
Roundup WeatherMax	oz	0.35	77.0000	26.95	_____
2,4-D Amine 4	pt	1.72	1.0000	1.72	_____
Cotoran 4L	pt	4.90	1.2000	5.88	_____
Dual II Magnum	pt	13.43	1.0000	13.43	_____
Fusilade DX	oz	1.16	4.8000	5.57	_____
INSECTICIDES					
Temik 15G Grit	lb	3.20	3.3300	10.66	_____
Ammo 2.5 EC	oz	0.65	1.2800	0.83	_____
Bidrin 8L	oz	0.84	3.2000	2.69	_____
Orthene 90S	lb	8.85	1.1000	9.74	_____
Centric 40WG	oz	5.04	2.0000	10.08	_____
Karate Z	oz	3.10	4.2600	13.21	_____
PennCap M	pt	11.37	1.5000	17.06	_____
SEED/PLANTS					
Cotton Seed BtRR	thous	0.46	52.5000	24.15	_____
TECHNOLOGY FEE					
BG/RR Cot Tech Fee	cap/ac	49.00	1.0000	49.00	_____
GROWTH REGULATORS					
Pix Plus	oz	0.56	6.0000	3.36	_____
SERVICE FEE					
Cotton Checkoff	lbs	0.00	720.0000	5.46	_____
Insect Scouting	acre	7.00	1.0000	7.00	_____
Cotton Storage	bale	25.00	1.5000	37.50	_____
ADJUVANTS					
Crop Oil ( Seed Oil)	pt	2.46	0.3000	0.74	_____
CUSTOM HARVEST/HAUL					
Haul Cotton	lb	0.02	720.0000	14.40	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.2577	3.94	_____
LA Hired Labor					
Implements	hour	9.60	0.3261	3.12	_____
Tractors	hour	9.60	0.8798	8.45	_____
Self-Propelled	hour	9.60	0.2974	2.84	_____
DIESEL FUEL					
Tractors	gal	2.90	7.7206	22.39	_____
Self-Propelled	gal	2.90	3.6556	10.60	_____
REPAIR & MAINTENANCE					
Implements	Acre	6.39	1.0000	6.39	_____
Tractors	Acre	3.06	1.0000	3.06	_____
Self-Propelled	Acre	10.19	1.0000	10.19	_____
INTEREST ON OP. CAP.	Acre	16.13	1.0000	16.13	_____
TOTAL DIRECT EXPENSES				458.03	_____
RETURNS ABOVE DIRECT EXPENSES				-60.59	_____
FIXED EXPENSES					
Implements	Acre	11.31	1.0000	11.31	_____
Tractors	Acre	22.16	1.0000	22.16	_____
Self-Propelled	Acre	46.90	1.0000	46.90	_____
TOTAL FIXED EXPENSES				80.37	_____
TOTAL SPECIFIED EXPENSES				538.40	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-140.96	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				-170.96	_____

Table 11.B Estimated resource use and costs for field operations, per Acre  
 BG/RR Cotton, Sandy Soil, 8-Row Equip, Solid  
 Plant, Tenant-Operator, Red River and Central Areas,, Louisiana, 2008

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-----			
Paratill & Bed Fold.	8R-38	MFWD 225	0.080	1.00	Nov	3.07	2.61	0.60	1.25	0.08	0.78				8.31
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Mar	1.22	1.10	0.11	0.16	0.06	0.61				3.20
Roundup WeatherMax	oz											22.0000	0.35	7.70	7.70
2,4-D Amine 4	pt											1.0000	1.72	1.72	1.72
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	0.50	Apr	1.19	1.01	0.15	0.47	0.03	0.36				3.18
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.49	2.12	0.73	0.96	0.11	1.12				7.42
LA Nitrogen	lb											90.0000	0.54	48.60	48.60
LA Phosphate	lb											40.0000	0.44	17.60	17.60
LA Potash	lb											50.0000	0.36	18.00	18.00
Row Cond (Plant)	27'	MFWD 190	0.078	1.00	Apr	2.52	2.14	0.19	0.93	0.07	0.75				6.53
Ditcher		2WD 130	0.020	1.00	Apr	0.44	0.34	0.03	0.05	0.02	0.19				1.05
Plant & Pre Folding	8R-38	MFWD 170	0.080	1.00	Apr	2.32	2.08	1.18	2.69	0.16	1.54				9.81
Cotoran 4L	pt											1.2000	4.90	5.88	5.88
Cotton Seed BTRR	thous											52.5000	0.46	24.15	24.15
Temik 15G Grit	lb											3.3300	3.20	10.66	10.66
BG/RR Cot Tech Fee	cap/ac											1.0000	49.00	49.00	49.00
Ammo 2.5 EC	oz											1.2800	0.65	0.83	0.83
Spray (Direct/Hood)	8R-38	MFWD 170	0.066	1.00	May	1.94	1.73	0.47	0.66	0.10	0.96				5.76
Roundup WeatherMax	oz											22.0000	0.35	7.70	7.70
Bidrin 8L	oz											1.6000	0.84	1.34	1.34
Dual II Magnum	pt											1.0000	13.43	13.43	13.43
Spray (Direct/Hood)	8R-38	MFWD 150	0.066	1.00	Jun	1.71	1.50	0.47	0.66	0.10	0.96				5.30
Roundup WeatherMax	oz											22.0000	0.35	7.70	7.70
Orthene 90S	lb											0.5500	8.85	4.87	4.87
Spray (Direct/Hood)	8R-38	MFWD 150	0.066	1.00	Jun	1.71	1.50	0.47	0.66	0.10	0.96				5.30
Bladex 4L	qt											0.5000			
Centric 40WG	oz											2.0000	5.04	10.08	10.08
Sprayer( 600-750Gal)	60'		0.017	0.50	Jun	0.32	0.49			0.01	0.12				0.93
Roundup WeatherMax	oz											11.0000	0.35	3.85	3.85
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jul	1.22	1.10	0.11	0.16	0.06	0.61				3.20
Fusilade DX	oz											4.8000	1.16	5.57	5.57
Crop Oil ( Seed Oil)	pt											0.3000	2.46	0.74	0.74
Sprayer( 600-750Gal)	60'		0.017	1.00	Jul	0.66	0.98			0.02	0.25				1.89
Karate Z	oz											2.1300	3.10	6.60	6.60
Pix Plus	oz											4.0000	0.56	2.24	2.24
App by Air ( 3 gal)	appl			1.00	Aug							1.0000	3.50	3.50	3.50
Karate Z	oz											2.1300	3.10	6.60	6.60
Penncap M	pt											0.5000	11.37	5.69	5.69
App by Air ( 3 gal)	appl			1.00	Aug							1.0000	3.50	3.50	3.50
Bidrin 8L	oz											1.6000	0.84	1.34	1.34
Pix Plus	oz											2.0000	0.56	1.12	1.12
App by Air ( 3 gal)	appl			1.00	Sep							1.0000	3.50	3.50	3.50
Penncap M	pt											0.5000	11.37	5.69	5.69
Orthene 90S	lb											0.5500	8.85	4.87	4.87
App by Air ( 3 gal)	appl			1.00	Sep							1.0000	3.50	3.50	3.50
Penncap M	pt											0.5000	11.37	5.69	5.69
App by Air ( 5 gal)	appl			1.00	Sep							1.0000	4.50	4.50	4.50
Dropp 50 WP	lb											0.2000	44.00	8.80	8.80
Cotton Picker-1st-BB	4R38*255hp		0.257	1.00	Oct	19.81	45.43			0.51	6.41				71.65
Boll Buggy-1st pick	4R2x1260hp	MFWD 150	0.172	0.22	Oct	0.97	0.85	0.25	0.59	0.03	0.36				3.02
Cotton Checkoff	lbs			1.00	Nov							720.0000	0.00	5.46	5.46
Module Builder-1st	4R-38(255)	MFWD 150	0.257	0.25	Nov	1.64	1.44	0.54	1.30	0.12	1.24				6.16
Insect Scouting	acre			1.00	Nov							1.0000	7.00	7.00	7.00
Stalk Shredder	14'	MFWD 150	0.117	1.00	Nov	3.01	2.64	1.09	0.77	0.11	1.13				8.64
Haul Cotton	lb			1.00	Nov							720.0000	0.02	14.40	14.40
Cotton Storage	bale			1.00	Nov							1.5000	25.00	37.50	37.50
TOTALS						46.24	69.06	6.39	11.31	1.76	18.35			370.92	522.27
INTEREST ON OPERATING CAPITAL															16.13
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															538.40

Table 12.A Estimated costs and returns per Acre  
 BGII/Flex Cotton, Sandy Soil, 12-Row Equipment,  
 Irrigated, Tenant, Red River and Central Areas, Louisiana, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.55	1100.0000	607.20	_____
TOTAL INCOME				607.20	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 3 gal)	appl	3.50	3.0000	10.50	_____
App by Air ( 5 gal)	appl	4.50	1.0000	4.50	_____
HARVEST AIDS					
Dropp 50 WP	lb	44.00	0.2000	8.80	_____
Prep	pt	5.44	1.3300	7.24	_____
FERTILIZERS					
LA Nitrogen	lb	0.54	90.0000	48.60	_____
LA Phosphate	lb	0.44	40.0000	17.60	_____
LA Potash	lb	0.36	50.0000	18.00	_____
HERBICIDES					
Roundup WeatherMax	oz	0.35	88.0000	30.80	_____
2,4-D Amine 4	pt	1.72	2.0000	3.44	_____
Cotoran 4L	pt	4.90	1.2000	5.88	_____
Karmex DF	lb	4.35	1.0000	4.35	_____
INSECTICIDES					
Temik 15G Grit	lb	3.20	3.3300	10.66	_____
Ammo 2.5 EC	oz	0.65	1.2800	0.83	_____
Orthene 90S	lb	8.85	0.2200	1.95	_____
Centric 40WG	oz	5.04	2.0000	10.08	_____
Baythroid 2	oz	2.88	2.1120	6.08	_____
Orthene 97	lb	11.81	0.5000	5.91	_____
Tracer	oz	6.38	2.1000	13.40	_____
Karate Z	oz	3.10	2.0000	6.20	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
SEED/PLANTS					
Cotton Seed BtRR	thous	0.46	52.5000	24.15	_____
TECHNOLOGY FEE					
BG II/RR Tech Fee	cap/ac	56.00	1.0000	56.00	_____
Eradication Fee	acre	6.00	1.0000	6.00	_____
SERVICE FEE					
Cotton Storage	bale	25.00	2.2900	57.25	_____
Cotton Checkoff	lbs	0.00	1100.0000	8.34	_____
Insect Scouting	acre	7.00	1.0000	7.00	_____
ADJUVANTS					
Surfactant	pt	1.55	0.2000	0.31	_____
CUSTOM HARVEST/HAUL					
Haul Cotton	lb	0.02	1100.0000	22.00	_____
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.1723	2.64	_____
LA Hired Labor					
Implements	hour	9.60	0.2738	2.62	_____
Tractors	hour	9.60	1.0169	9.76	_____
Self-Propelled	hour	9.60	0.2780	2.65	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
Implements	hour	9.60	0.0062	0.06	_____
DIESEL FUEL					
Tractors	gal	2.90	9.9513	28.88	_____
Self-Propelled	gal	2.90	3.8293	11.12	_____
Roll-Out Pipe Irr.	gal	2.90	8.5535	24.81	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.55	1.0000	7.55	_____
Tractors	Acre	3.81	1.0000	3.81	_____
Self-Propelled	Acre	10.87	1.0000	10.87	_____
Roll-Out Pipe Irr.	Acre	4.37	1.0000	4.37	_____
INTEREST ON OP. CAP.	Acre	18.72	1.0000	18.72	_____
TOTAL DIRECT EXPENSES				531.77	_____
RETURNS ABOVE DIRECT EXPENSES				75.43	_____
FIXED EXPENSES					
Implements	Acre	15.32	1.0000	15.32	_____
Tractors	Acre	27.84	1.0000	27.84	_____
Self-Propelled	Acre	50.94	1.0000	50.94	_____
Roll-Out Pipe Irr.	Acre	45.94	1.0000	45.94	_____
TOTAL FIXED EXPENSES				140.04	_____
TOTAL SPECIFIED EXPENSES				671.81	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-64.61	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				-94.61	_____

Table 12.B Estimated resource use and costs for field operations, per Acre  
 BGII/Flex Cotton, Sandy Soil, 12-Row Equipment,  
 Irrigated, Tenant, Red River and Central Areas, Louisiana, 2008

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-----			
Paratill & Bed Fold.	12R-38	MFWD 225	0.053	1.00	Jan	2.05	1.74	0.83	1.74	0.05	0.52				6.88
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	1.00	Mar	1.97	1.67	0.59	0.79	0.07	0.75				5.77
LA Nitrogen	lb											90.0000	0.54	48.60	48.60
LA Phosphate	lb											40.0000	0.44	17.60	17.60
LA Potash	lb											50.0000	0.36	18.00	18.00
Sprayer( 600-750Gal)	60'		0.017	1.00	Apr	0.66	0.98			0.02	0.25				1.89
Roundup WeatherMax	oz											22.0000	0.35	7.70	7.70
2,4-D Amine 4	pt											2.0000	1.72	3.44	3.44
Disk Bed (Hipper)	12R-38	MFWD 225	0.049	0.50	Apr	0.94	0.80	0.15	0.47	0.02	0.24				2.60
Row Cond (Plant)	42'	MFWD 225	0.048	1.00	Apr	1.84	1.57	0.19	0.94	0.04	0.47				5.01
Plant & Pre Folding	12R-38	MFWD 190	0.053	1.00	Apr	1.72	1.46	1.08	2.46	0.10	1.02				7.74
Cotoran 4L	pt											1.2000	4.90	5.88	5.88
Cotton Seed BtRR	thous											52.5000	0.46	24.15	24.15
Temik 15G Grit	lb											3.3300	3.20	10.66	10.66
Ammo 2.5 EC	oz											1.2800	0.65	0.83	0.83
BG II/RR Tech Fee	cap/ac											1.0000	56.00	56.00	56.00
Ditcher		2WD 130	0.020	1.00	Apr	0.44	0.34	0.03	0.05	0.02	0.19				1.05
Sprayer( 600-750Gal)	60'		0.017	1.00	May	0.66	0.98			0.02	0.25				1.89
Orthene 90S	lb											0.2200	8.85	1.95	1.95
Roundup WeatherMax	oz											22.0000	0.35	7.70	7.70
Sprayer( 600-750Gal)	60'		0.017	1.00	May	0.66	0.98			0.02	0.25				1.89
Roundup WeatherMax	oz											22.0000	0.35	7.70	7.70
Sprayer( 600-750Gal)	60'		0.017	1.00	Jun	0.66	0.98			0.02	0.25				1.89
Centric 40WG	oz											2.0000	5.04	10.08	10.08
Roundup WeatherMax	oz											22.0000	0.35	7.70	7.70
Eradication Fee	acre			1.00	Jul							1.0000	6.00	6.00	6.00
Spray (Direct/Layby)	12R-38	MFWD 170	0.044	1.00	Jul	1.29	1.15	0.37	0.52	0.06	0.64				3.97
Karmex DF	lb											1.0000	4.35	4.35	4.35
Surfactant	pt											0.2000	1.55	0.31	0.31
App by Air ( 3 gal)	appl			1.00	Jul							1.0000	3.50	3.50	3.50
Baythroid 2	oz											2.1120	2.88	6.08	6.08
App by Air ( 3 gal)	appl			1.00	Aug							1.0000	3.50	3.50	3.50
Orthene 97	lb											0.5000	11.81	5.91	5.91
Tracer	oz											2.1000	6.38	13.40	13.40
App by Air ( 3 gal)	appl			1.00	Aug							1.0000	3.50	3.50	3.50
Karate Z	oz											2.0000	3.10	6.20	6.20
App by Air ( 5 gal)	appl			1.00	Sep							1.0000	4.50	4.50	4.50
Dropp 50 WP	lb											0.2000	44.00	8.80	8.80
Prep	pt											1.3300	5.44	7.24	7.24
Cotton Picker-1st-BB	6R38"330hp		0.172	1.00	Sep	19.35	47.02			0.34	4.29				70.66
Module Builder-1st	6R-38(325)	MFWD 190	0.172	1.00	Sep	5.53	4.70	1.43	3.47	0.34	3.30				18.43
Boll Buggy-1st pick	6R38"325hp	MFWD 190	0.172	1.00	Sep	5.53	4.70	1.12	2.70	0.17	1.65				15.70
Cotton Storage	bale			1.00	Oct							2.2900	25.00	57.25	57.25
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Nov	2.11	1.85	1.39	0.99	0.08	0.79				7.13
Cotton Checkoff	lbs			1.00	Nov							1100.0000	0.00	8.34	8.34
Insect Scouting	acre			1.00	Nov							1.0000	7.00	7.00	7.00
Haul Cotton	lb			1.00	Nov							1100.0000	0.02	22.00	22.00
Roll-Out Pipe Irr.	Acre				Jul	9.27	7.86	29.55	47.13	0.44	4.31			6.60	104.72
TOTALS						54.68	78.78	36.73	61.26	1.89	19.17			402.47	653.09
INTEREST ON OPERATING CAPITAL															18.72
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															671.81

Table 13.A Estimated costs and returns per Acre  
 Soybeans, Stale Seedbed, 8- 38"Row Equipment  
 Owner-Operator, Red River and Central Areas, Louisiana, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	10.00	40.0000	400.00	_____
				-----	
TOTAL INCOME				400.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 5 gal)	appl	4.50	1.0000	4.50	_____
App by Air ( 3 gal)	appl	3.50	2.0000	7.00	_____
HERBICIDES					
Roundup Ultra MAX	pt	5.97	1.0000	5.97	_____
Harmony Extra	oz	14.83	0.3300	4.89	_____
Dual II Magnum	pt	13.43	1.5000	20.15	_____
Sencor 4F	pt	10.13	0.7500	7.60	_____
INSECTICIDES					
Karate Z	oz	3.10	3.6000	11.16	_____
SEED/PLANTS					
Soybean Seed Private	lb	0.38	50.0000	19.00	_____
ADJUVANTS					
Surfactant	pt	1.55	0.3000	0.47	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.20	40.0000	8.00	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
LA Hired Labor					
Implements	hour	9.60	0.1137	1.09	_____
Tractors	hour	9.60	0.3398	3.25	_____
DIESEL FUEL					
Tractors	gal	2.90	3.0486	8.85	_____
Harvesters	gal	2.90	1.2047	3.49	_____
REPAIR & MAINTENANCE					
Implements	Acre	2.44	1.0000	2.44	_____
Tractors	Acre	1.19	1.0000	1.19	_____
Harvesters	Acre	1.69	1.0000	1.69	_____
INTEREST ON OP. CAP.	Acre	4.35	1.0000	4.35	_____
				-----	
TOTAL DIRECT EXPENSES				116.39	_____
RETURNS ABOVE DIRECT EXPENSES				283.61	_____
FIXED EXPENSES					
Implements	Acre	5.56	1.0000	5.56	_____
Tractors	Acre	8.65	1.0000	8.65	_____
Harvesters	Acre	7.67	1.0000	7.67	_____
				-----	
TOTAL FIXED EXPENSES				21.88	_____
				-----	
TOTAL SPECIFIED EXPENSES				138.27	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				261.73	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				231.73	_____

Table 13.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, 2008

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	2.38	2.02	0.30	0.93	0.07	0.71				6.34
App by Air ( 5 gal)	appl			1.00	Apr							1.0000	4.50	4.50	4.50
Roundup Ultra	MAX pt											1.0000	5.97	5.97	5.97
Harmony Extra	oz											0.3300	14.83	4.89	4.89
Surfactant	pt											0.2000	1.55	0.31	0.31
Row Cond (Plant)	27'	MFWD 190	0.078	1.00	May	2.52	2.14	0.19	0.93	0.07	0.75				6.53
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	May	2.32	2.08	0.86	1.95	0.16	1.54				8.75
Soybean Seed Private	lb											50.0000	0.38	19.00	19.00
Dual II Magnum	pt											1.5000	13.43	20.15	20.15
Ditcher		2WD 130	0.020	1.00	May	0.44	0.34	0.03	0.05	0.02	0.19				1.05
Ditcher		2WD 130	0.020	1.00	Jun	0.44	0.34	0.03	0.05	0.02	0.19				1.05
Spray (Direct/Hood)	8R-38	MFWD 170	0.066	1.00	Jun	1.94	1.73	0.47	0.66	0.10	0.96				5.76
Sencor 4F	pt											0.7500	10.13	7.60	7.60
Surfactant	pt											0.1000	1.55	0.16	0.16
App by Air ( 3 gal)	appl			1.00	Jul							1.0000	3.50	3.50	3.50
Karate Z	oz											2.0000	3.10	6.20	6.20
App by Air ( 3 gal)	appl			1.00	Aug							1.0000	3.50	3.50	3.50
Karate Z	oz											1.6000	3.10	4.96	4.96
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	5.18	7.67	0.56	0.99	0.08	1.30				15.70
Haul Soybeans	bu			1.00	Oct							40.0000	0.20	8.00	8.00
TOTALS						15.22	16.32	2.44	5.56	0.53	5.64			88.74	133.92
INTEREST ON OPERATING CAPITAL															4.35
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															138.27



Table 14.A Estimated costs and returns per Acre  
 RR Soybeans, Stale Seedbed, 8- 38" Row Equipment  
 Tenant-Operator, Red River and Central Areas, Louisiana, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	10.00	30.0000	300.00	_____
TOTAL INCOME				300.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 5 gal)	appl	4.50	1.0000	4.50	_____
App by Air ( 3 gal)	appl	3.50	2.0000	7.00	_____
HERBICIDES					
Roundup WeatherMax	oz	0.35	66.0000	23.10	_____
Harmony Extra	oz	14.83	0.3300	4.89	_____
Dual II Magnum	pt	13.43	1.5000	20.15	_____
INSECTICIDES					
Karate Z	oz	3.10	3.1000	9.61	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.66	50.0000	33.00	_____
ADJUVANTS					
Surfactant	pt	1.55	0.2000	0.31	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.20	30.0000	6.00	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
LA Hired Labor					
Implements	hour	9.60	0.1168	1.12	_____
Tractors	hour	9.60	0.3318	3.19	_____
DIESEL FUEL					
Tractors	gal	2.90	3.0198	8.75	_____
Harvesters	gal	2.90	1.2047	3.49	_____
REPAIR & MAINTENANCE					
Implements	Acre	1.95	1.0000	1.95	_____
Tractors	Acre	1.18	1.0000	1.18	_____
Harvesters	Acre	1.69	1.0000	1.69	_____
INTEREST ON OP. CAP.	Acre	5.11	1.0000	5.11	_____
TOTAL DIRECT EXPENSES				136.34	_____
RETURNS ABOVE DIRECT EXPENSES				163.66	_____
FIXED EXPENSES					
Implements	Acre	4.70	1.0000	4.70	_____
Tractors	Acre	8.63	1.0000	8.63	_____
Harvesters	Acre	7.67	1.0000	7.67	_____
TOTAL FIXED EXPENSES				21.00	_____
TOTAL SPECIFIED EXPENSES				157.34	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				142.66	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				112.66	_____

Table 14.B Estimated resource use and costs for field operations, per Acre  
 RR Soybeans, Stale Seedbed, 8- 38" Row Equipment  
 Tenant-Operator, Red River and Central Areas,, Louisiana, 2008

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	2.38	2.02	0.30	0.93	0.07	0.71					6.34
App by Air ( 5 gal)	appl			1.00	May							1.0000	4.50	4.50		4.50
Roundup WeatherMax	oz											22.0000	0.35	7.70		7.70
Harmony Extra	oz											0.3300	14.83	4.89		4.89
Surfactant	pt											0.2000	1.55	0.31		0.31
Plant - Rigid	8R-38	MFWD 170	0.074	1.00	May	2.15	1.93	0.65	1.48	0.14	1.44					7.65
Soybean Seed RR	lb											50.0000	0.66	33.00		33.00
Dual II Magnum	pt											1.5000	13.43	20.15		20.15
Ditcher		2WD 130	0.020	1.00	May	0.44	0.34	0.03	0.05	0.02	0.19					1.05
Row Cond (Plant)	27'	MFWD 190	0.078	1.00	May	2.52	2.14	0.19	0.93	0.07	0.75					6.53
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jun	1.22	1.10	0.11	0.16	0.06	0.61					3.20
Roundup WeatherMax	oz											22.0000	0.35	7.70		7.70
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jun	1.22	1.10	0.11	0.16	0.06	0.61					3.20
Roundup WeatherMax	oz											22.0000	0.35	7.70		7.70
App by Air ( 3 gal)	appl			1.00	Aug							1.0000	3.50	3.50		3.50
Karate Z	oz											1.6000	3.10	4.96		4.96
App by Air ( 3 gal)	appl			1.00	Aug							1.0000	3.50	3.50		3.50
Karate Z	oz											1.5000	3.10	4.65		4.65
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	5.18	7.67	0.56	0.99	0.08	1.30					15.70
Haul Soybeans	bu			1.00	Oct							30.0000	0.20	6.00		6.00
TOTALS						15.11	16.30	1.95	4.70	0.53	5.61				108.56	152.23
INTEREST ON OPERATING CAPITAL																5.11
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																157.34

Table 15.A Estimated costs and returns per Acre  
 RR Soybeans, Stale Seedbed, 12-20" Row Equipment  
 Tenant-Operator, Red River and Central Areas, Louisiana, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	10.00	30.0000	300.00	_____
				-----	
TOTAL INCOME				300.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 5 gal)	appl	4.50	2.0000	9.00	_____
App by Air ( 3 gal)	appl	3.50	2.0000	7.00	_____
HERBICIDES					
Roundup WeatherMax	oz	0.35	66.0000	23.10	_____
Harmony Extra	oz	14.83	0.3300	4.89	_____
Squadron CE	pt	4.55	3.0000	13.65	_____
INSECTICIDES					
Karate Z	oz	3.10	3.6000	11.16	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.66	50.0000	33.00	_____
ADJUVANTS					
Surfactant	pt	1.55	0.2000	0.31	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.20	30.0000	6.00	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
LA Hired Labor					
Implements	hour	9.60	0.1154	1.11	_____
Tractors	hour	9.60	0.2646	2.55	_____
LA Other Labor					
Special Labor	hour	9.60	0.1200	1.15	_____
DIESEL FUEL					
Tractors	gal	2.90	2.5452	7.37	_____
Harvesters	gal	2.90	1.2047	3.49	_____
REPAIR & MAINTENANCE					
Implements	Acre	2.84	1.0000	2.84	_____
Tractors	Acre	0.99	1.0000	0.99	_____
Harvesters	Acre	1.69	1.0000	1.69	_____
INTEREST ON OP. CAP.	Acre	5.03	1.0000	5.03	_____
				-----	
TOTAL DIRECT EXPENSES				135.63	_____
RETURNS ABOVE DIRECT EXPENSES				164.37	_____
FIXED EXPENSES					
Implements	Acre	6.71	1.0000	6.71	_____
Tractors	Acre	7.20	1.0000	7.20	_____
Harvesters	Acre	7.67	1.0000	7.67	_____
				-----	
TOTAL FIXED EXPENSES				21.58	_____
				-----	
TOTAL SPECIFIED EXPENSES				157.21	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				142.79	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				112.79	_____

Table 15.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, 2008

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	2.33	1.98	0.60	1.49	0.06	0.59				6.99
App by Air ( 5 gal)	appl			1.00	May							1.0000	4.50	4.50	4.50
Roundup WeatherMax	oz											22.0000	0.35	7.70	7.70
Harmony Extra	oz											0.3300	14.83	4.89	4.89
Surfactant	pt											0.2000	1.55	0.31	0.31
Plant - Rigid	12R-20	MFWD 190	0.094	1.00	May	3.02	2.57	1.42	3.22	0.18	1.82				12.05
LA Other Labor	hour									0.12	1.15				1.15
Soybean Seed RR	lb											50.0000	0.66	33.00	33.00
Squadron CE	pt											3.0000	4.55	13.65	13.65
Ditcher		2WD 130	0.020	1.00	May	0.44	0.34	0.03	0.05	0.02	0.19				1.05
Roller	32'	MFWD 170	0.046	1.00	May	1.35	1.21	0.12	0.80	0.04	0.45				3.93
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jun	1.22	1.10	0.11	0.16	0.06	0.61				3.20
Roundup WeatherMax	oz											22.0000	0.35	7.70	7.70
App by Air ( 5 gal)	appl			1.00	Jun							1.0000	4.50	4.50	4.50
Roundup WeatherMax	oz											22.0000	0.35	7.70	7.70
App by Air ( 3 gal)	appl			1.00	Aug							1.0000	3.50	3.50	3.50
Karate Z	oz											1.6000	3.10	4.96	4.96
App by Air ( 3 gal)	appl			1.00	Aug							1.0000	3.50	3.50	3.50
Karate Z	oz											2.0000	3.10	6.20	6.20
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	5.18	7.67	0.56	0.99	0.08	1.30				15.70
Haul Soybeans	bu			1.00	Oct							30.0000	0.20	6.00	6.00
TOTALS						13.54	14.87	2.84	6.71	0.58	6.11			108.11	152.18
INTEREST ON OPERATING CAPITAL															5.03
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															157.21

Table 16.A Estimated costs and returns per Acre  
 RR Soybeans, Clay Soil, 8-Row Equipment, Drill Plant,  
 Tenant-Operator, Red River and Central Areas, Louisiana, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	10.00	30.0000	300.00	_____
				-----	
TOTAL INCOME				300.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 5 gal)	appl	4.50	2.0000	9.00	_____
App by Air ( 3 gal)	appl	3.50	1.0000	3.50	_____
HERBICIDES					
2,4-D Amine 4	pt	1.72	2.0000	3.44	_____
Roundup WeatherMax	oz	0.35	66.0000	23.10	_____
Dual II Magnum	pt	13.43	1.5000	20.15	_____
INSECTICIDES					
Karate Z	oz	3.10	1.6000	4.96	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.66	50.0000	33.00	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.20	30.0000	6.00	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.1021	1.56	_____
LA Hired Labor					
Implements	hour	9.60	0.1057	1.01	_____
Tractors	hour	9.60	0.2745	2.63	_____
DIESEL FUEL					
Tractors	gal	2.90	2.3888	6.93	_____
Harvesters	gal	2.90	1.4457	4.19	_____
REPAIR & MAINTENANCE					
Implements	Acre	2.82	1.0000	2.82	_____
Tractors	Acre	0.95	1.0000	0.95	_____
Harvesters	Acre	2.03	1.0000	2.03	_____
INTEREST ON OP. CAP.	Acre	5.02	1.0000	5.02	_____
				-----	
TOTAL DIRECT EXPENSES				130.29	_____
RETURNS ABOVE DIRECT EXPENSES				169.71	_____
FIXED EXPENSES					
Implements	Acre	6.47	1.0000	6.47	_____
Tractors	Acre	6.86	1.0000	6.86	_____
Harvesters	Acre	9.21	1.0000	9.21	_____
				-----	
TOTAL FIXED EXPENSES				22.54	_____
				-----	
TOTAL SPECIFIED EXPENSES				152.83	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				147.17	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				117.17	_____

Table 16.B Estimated resource use and costs for field operations, per Acre  
 RR Soybeans, Clay Soil, 8-Row Equipment, Drill Plant,  
 Tenant-Operator, Red River and Central Areas,, Louisiana, 2008

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	2.03	1.82	0.59	1.46	0.07	0.67					6.57
App by Air ( 5 gal)	appl			1.00	Apr							1.0000	4.50	4.50		4.50
2,4-D Amine 4	pt											2.0000	1.72	3.44		3.44
Roundup WeatherMax	oz											22.0000	0.35	7.70		7.70
Row Cond (Harrow)	27'	MFWD 150	0.057	1.00	May	1.47	1.29	0.14	0.68	0.05	0.55					4.13
Grain Drill & Pre	24'	MFWD 190	0.084	1.00	May	2.72	2.31	1.35	3.05	0.16	1.62					11.05
Soybean Seed RR	lb											50.0000	0.66	33.00		33.00
Dual II Magnum	pt											1.5000	13.43	20.15		20.15
Ditcher		2WD 130	0.020	1.00	May	0.44	0.34	0.03	0.05	0.02	0.19					1.05
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jun	1.22	1.10	0.11	0.16	0.06	0.61					3.20
Roundup WeatherMax	oz											22.0000	0.35	7.70		7.70
App by Air ( 5 gal)	appl			1.00	Jul							1.0000	4.50	4.50		4.50
Roundup WeatherMax	oz											22.0000	0.35	7.70		7.70
App by Air ( 3 gal)	appl			1.00	Aug							1.0000	3.50	3.50		3.50
Karate Z	oz											1.6000	3.10	4.96		4.96
Header - Soybean	25' Flex	275hp	0.102	1.00	Sep	6.22	9.21	0.60	1.07	0.10	1.56					18.66
Haul Soybeans	bu			1.00	Oct							30.0000	0.20	6.00		6.00
TOTALS						14.10	16.07	2.82	6.47	0.48	5.20				103.15	147.81
INTEREST ON OPERATING CAPITAL																5.02
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																152.83

Table 17.A Estimated costs and returns per Acre  
 Corn, Sandy Soil, 8-Row Equipment (38" Rows), Tenant-  
 Operator, Red River and Central Areas,, Louisiana, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Corn	bu	3.80	120.0000	456.00	_____
				-----	
TOTAL INCOME				456.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 5 gal)	appl	4.50	1.0000	4.50	_____
App by Air ( 3 gal)	appl	3.50	2.0000	7.00	_____
GIN/DRY					
Dry Corn	bu	0.19	120.0000	22.80	_____
FERTILIZERS					
LA Phosphate	lb	0.44	60.0000	26.40	_____
LA Potash	lb	0.36	60.0000	21.60	_____
LA Nitrogen	lb	0.54	160.0000	86.40	_____
HERBICIDES					
Roundup WeatherMax	oz	0.35	22.0000	7.70	_____
Atrazine 4L	pt	1.17	2.0000	2.34	_____
Lasso 4EC	qt	6.06	1.5000	9.09	_____
Dual II Magnum	pt	13.43	1.3300	17.86	_____
INSECTICIDES					
Counter CR	lb	2.86	7.0000	20.02	_____
Pounce 3.2 EC	oz	0.91	1.6000	1.46	_____
Asana .66 XL	oz	0.71	6.0000	4.26	_____
SEED/PLANTS					
Corn Seed Conv.	thous	1.55	30.0000	46.50	_____
CUSTOM HARVEST/HAUL					
Haul Corn	bu	0.20	120.0000	24.00	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.1009	1.54	_____
LA Hired Labor					
Special Labor	hour	9.60	0.1200	1.15	_____
Implements	hour	9.60	0.1999	1.91	_____
Tractors	hour	9.60	0.5635	5.42	_____
DIESEL FUEL					
Tractors	gal	2.90	5.0887	14.75	_____
Harvesters	gal	2.90	1.4285	4.14	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.88	1.0000	4.88	_____
Tractors	Acre	1.99	1.0000	1.99	_____
Harvesters	Acre	2.00	1.0000	2.00	_____
INTEREST ON OP. CAP.	Acre	14.79	1.0000	14.79	_____
				-----	
TOTAL DIRECT EXPENSES				354.50	_____
RETURNS ABOVE DIRECT EXPENSES				101.50	_____
FIXED EXPENSES					
Implements	Acre	10.11	1.0000	10.11	_____
Tractors	Acre	14.39	1.0000	14.39	_____
Harvesters	Acre	9.10	1.0000	9.10	_____
				-----	
TOTAL FIXED EXPENSES				33.60	_____
				-----	
TOTAL SPECIFIED EXPENSES				388.10	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				67.90	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				37.90	_____

Table 17.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, 2008

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	24'	MFWD 150	0.081	1.00	Sep	2.09	1.83	0.61	1.53	0.08	0.79				6.85
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	1.35	1.15	0.26	0.60	0.08	0.80				4.16
LA Phosphate	lb											60.0000	0.44	26.40	26.40
LA Potash	lb											60.0000	0.36	21.60	21.60
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	2.38	2.02	0.26	0.81	0.07	0.71				6.18
App by Air ( 5 gal)	appl			1.00	Feb							1.0000	4.50	4.50	4.50
Roundup WeatherMax	oz											22.0000	0.35	7.70	7.70
Ditcher		2WD 130	0.020	1.00	Mar	0.44	0.34	0.03	0.05	0.02	0.19				1.05
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	0.50	Mar	1.19	1.01	0.13	0.41	0.03	0.36				3.10
Roller	32'	MFWD 170	0.046	1.00	Mar	1.35	1.21	0.12	0.80	0.04	0.45				3.93
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	Mar	2.32	2.08	0.86	1.95	0.16	1.54				8.75
LA Hired Labor	hour									0.12	1.15				1.15
Corn Seed Conv.	thous											30.0000	1.55	46.50	46.50
Atrazine 4L	pt											2.0000	1.17	2.34	2.34
Lasso 4EC	qt											1.5000	6.06	9.09	9.09
Counter CR	lb											7.0000	2.86	20.02	20.02
Dual II Magnum	pt											1.3300	13.43	17.86	17.86
Ditcher		2WD 130	0.020	1.00	Mar	0.44	0.34	0.03	0.05	0.02	0.19				1.05
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.49	2.12	0.73	0.96	0.11	1.12				7.42
LA Nitrogen	lb											80.0000	0.54	43.20	43.20
App by Air ( 3 gal)	appl			1.00	May							1.0000	3.50	3.50	3.50
Pounce 3.2 EC	oz											1.6000	0.91	1.46	1.46
App by Air ( 3 gal)	appl			1.00	Jun							1.0000	3.50	3.50	3.50
Asana .66 XL	oz											6.0000	0.71	4.26	4.26
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Jun	2.49	2.12	0.73	0.96	0.11	1.12				7.42
LA Nitrogen	lb											80.0000	0.54	43.20	43.20
Header - Corn	8R-38	275hp	0.100	1.00	Aug	6.14	9.10	1.08	1.91	0.10	1.54				19.77
Dry Corn	bu			1.00	Aug							120.0000	0.19	22.80	22.80
Haul Corn	bu			1.00	Aug							120.0000	0.20	24.00	24.00
Corn Grain Cart 8R40	700bu	MFWD 190	0.025	0.25	Aug	0.20	0.17	0.04	0.08	0.00	0.06				0.55
TOTALS						22.88	23.49	4.88	10.11	0.98	10.02			301.93	373.31
INTEREST ON OPERATING CAPITAL															14.79
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															388.10



Table 18.A Estimated costs and returns per Acre  
 Corn, Sandy Soil, 8-Row Equipment (38" Rows), Tenant,  
 Irrigated, Red River and Central Areas,, Louisiana, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Corn	bu	3.80	140.0000	532.00	_____
TOTAL INCOME				532.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 5 gal)	appl	4.50	1.0000	4.50	_____
App by Air ( 3 gal)	appl	3.50	2.0000	7.00	_____
GIN/DRY					
Dry Corn	bu	0.19	140.0000	26.60	_____
FERTILIZERS					
LA Phosphate	lb	0.44	60.0000	26.40	_____
LA Potash	lb	0.36	60.0000	21.60	_____
LA Nitrogen	lb	0.54	180.0000	97.20	_____
HERBICIDES					
Roundup WeatherMax	oz	0.35	22.0000	7.70	_____
Atrazine 4L	pt	1.17	2.0000	2.34	_____
Lasso 4EC	qt	6.06	1.5000	9.09	_____
Dual II Magnum	pt	13.43	1.3300	17.86	_____
INSECTICIDES					
Counter CR	lb	2.86	7.0000	20.02	_____
Pounce 3.2 EC	oz	0.91	1.6000	1.46	_____
Asana .66 XL	oz	0.71	6.0000	4.26	_____
SEED/PLANTS					
Corn Seed Conv.	thous	1.55	30.0000	46.50	_____
CUSTOM HARVEST/HAUL					
Haul Corn	bu	0.20	140.0000	28.00	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.1009	1.54	_____
LA Hired Labor					
Special Labor	hour	9.60	0.3236	3.10	_____
Implements	hour	9.60	0.1999	1.91	_____
Tractors	hour	9.60	0.5635	5.42	_____
DIESEL FUEL					
Tractors	gal	2.90	5.0887	14.75	_____
Harvesters	gal	2.90	1.4285	4.14	_____
1/4-mi. Pivot Irr.	gal	2.90	11.2011	32.47	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.88	1.0000	4.88	_____
Tractors	Acre	1.99	1.0000	1.99	_____
Harvesters	Acre	2.00	1.0000	2.00	_____
1/4-mi. Pivot Irr.	Acre	13.05	1.0000	13.05	_____
INTEREST ON OP. CAP.	Acre	17.02	1.0000	17.02	_____
TOTAL DIRECT EXPENSES				422.80	_____
RETURNS ABOVE DIRECT EXPENSES				109.20	_____
FIXED EXPENSES					
Implements	Acre	10.11	1.0000	10.11	_____
Tractors	Acre	14.39	1.0000	14.39	_____
Harvesters	Acre	9.10	1.0000	9.10	_____
1/4-mi. Pivot Irr.	Acre	55.47	1.0000	55.47	_____
TOTAL FIXED EXPENSES				89.07	_____
TOTAL SPECIFIED EXPENSES				511.87	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				20.13	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				-9.87	_____

Table 18.B Estimated resource use and costs for field operations, per Acre  
 Corn, Sandy Soil, 8-Row Equipment (38" Rows), Tenant,  
 Irrigated, Red River and Central Areas,, Louisiana, 2008

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	24'	MFWD 150	0.081	1.00	Sep	2.09	1.83	0.61	1.53	0.08	0.79				6.85
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	1.35	1.15	0.26	0.60	0.08	0.80				4.16
LA Phosphate	lb											60.0000	0.44	26.40	26.40
LA Potash	lb											60.0000	0.36	21.60	21.60
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	2.38	2.02	0.26	0.81	0.07	0.71				6.18
App by Air ( 5 gal)	appl			1.00	Feb							1.0000	4.50	4.50	4.50
Roundup WeatherMax	oz											22.0000	0.35	7.70	7.70
Ditcher		2WD 130	0.020	1.00	Mar	0.44	0.34	0.03	0.05	0.02	0.19				1.05
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	0.50	Mar	1.19	1.01	0.13	0.41	0.03	0.36				3.10
Roller	32'	MFWD 170	0.046	1.00	Mar	1.35	1.21	0.12	0.80	0.04	0.45				3.93
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	Mar	2.32	2.08	0.86	1.95	0.16	1.54				8.75
LA Hired Labor	hour									0.12	1.15				1.15
Corn Seed Conv.	thous											30.0000	1.55	46.50	46.50
Atrazine 4L	pt											2.0000	1.17	2.34	2.34
Lasso 4EC	qt											1.5000	6.06	9.09	9.09
Counter CR	lb											7.0000	2.86	20.02	20.02
Dual II Magnum	pt											1.3300	13.43	17.86	17.86
Ditcher		2WD 130	0.020	1.00	Mar	0.44	0.34	0.03	0.05	0.02	0.19				1.05
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.49	2.12	0.73	0.96	0.11	1.12				7.42
LA Nitrogen	lb											100.0000	0.54	54.00	54.00
App by Air ( 3 gal)	appl			1.00	May							1.0000	3.50	3.50	3.50
Pounce 3.2 EC	oz											1.6000	0.91	1.46	1.46
App by Air ( 3 gal)	appl			1.00	Jun							1.0000	3.50	3.50	3.50
Asana .66 XL	oz											6.0000	0.71	4.26	4.26
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Jun	2.49	2.12	0.73	0.96	0.11	1.12				7.42
LA Nitrogen	lb											80.0000	0.54	43.20	43.20
Header - Corn	8R-38	275hp	0.100	1.00	Aug	6.14	9.10	1.08	1.91	0.10	1.54				19.77
Dry Corn	bu			1.00	Aug							140.0000	0.19	26.60	26.60
Haul Corn	bu			1.00	Aug							140.0000	0.20	28.00	28.00
Corn Grain Cart 8R40	700bu	MFWD 190	0.025	0.25	Aug	0.20	0.17	0.04	0.08	0.00	0.06				0.55
1/4-mi. Pivot Irr.	Acre				Jun			45.52	55.47	0.20	1.95	1.0000			102.94
TOTALS						22.88	23.49	50.40	65.58	1.18	11.97			320.53	494.85
INTEREST ON OPERATING CAPITAL															17.02
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															511.87

Table 19.A Estimated costs and returns per Acre  
Milo, 8-Row Equipment (38" Rows), Owner-Operator,  
Red River and Central Areas,, Louisiana, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Grain Sorghum	bu	3.50	100.0000	350.00	_____
				-----	
TOTAL INCOME				350.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 3 gal)	appl	3.50	2.0000	7.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.54	120.0000	64.80	_____
HERBICIDES					
Atrazine 4L	pt	1.17	4.0000	4.68	_____
Lasso 4EC	qt	6.06	0.7500	4.55	_____
INSECTICIDES					
Karate Z	oz	3.10	3.5000	10.85	_____
SEED/PLANTS					
Sorghum NonConcept	lb	1.18	8.0000	9.44	_____
CUSTOM HARVEST/HAUL					
Haul Sorghum	bu	0.20	100.0000	20.00	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
LA Hired Labor					
Implements	hour	9.60	0.1625	1.56	_____
Tractors	hour	9.60	0.5578	5.35	_____
DIESEL FUEL					
Tractors	gal	2.90	5.0051	14.52	_____
Harvesters	gal	2.90	1.2047	3.49	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.24	1.0000	4.24	_____
Tractors	Acre	1.97	1.0000	1.97	_____
Harvesters	Acre	1.69	1.0000	1.69	_____
INTEREST ON OP. CAP.	Acre	6.58	1.0000	6.58	_____
				-----	
TOTAL DIRECT EXPENSES				162.02	_____
RETURNS ABOVE DIRECT EXPENSES				187.98	_____
FIXED EXPENSES					
Implements	Acre	10.08	1.0000	10.08	_____
Tractors	Acre	14.33	1.0000	14.33	_____
Harvesters	Acre	7.67	1.0000	7.67	_____
				-----	
TOTAL FIXED EXPENSES				32.08	_____
				-----	
TOTAL SPECIFIED EXPENSES				194.10	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				155.90	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				125.90	_____

Table 19.B Estimated resource use and costs for field operations, per Acre  
Milo, 8-Row Equipment (38" Rows), Owner-Operator,  
Red River and Central Areas,, Louisiana, 2008

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	4.06	3.64	1.17	2.92	0.14	1.35				13.14
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Apr	2.38	2.02	0.26	0.81	0.07	0.71				6.18
Row Cond (Plant)	27'	MFWD 150	0.078	1.00	Apr	2.01	1.76	0.19	0.93	0.07	0.75				5.64
Ditcher		2WD 130	0.020	1.00	May	0.44	0.34	0.03	0.05	0.02	0.19				1.05
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	May	2.32	2.08	0.86	1.95	0.16	1.54				8.75
Atrazine 4L	pt											2.0000	1.17	2.34	2.34
Sorghum NonConcept	lb											8.0000	1.18	9.44	9.44
Lasso 4EC	qt											0.7500	6.06	4.55	4.55
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	May	2.49	2.12	0.73	0.96	0.11	1.12				7.42
LA Nitrogen	lb											120.0000	0.54	64.80	64.80
Cult & Post	8R-38	MFWD 190	0.086	1.00	Jun	2.79	2.37	0.52	1.61	0.13	1.25				8.54
Atrazine 4L	pt											2.0000	1.17	2.34	2.34
App by Air ( 3 gal)	appl			1.00	Jun							1.0000	3.50	3.50	3.50
Karate Z	oz											2.0000	3.10	6.20	6.20
App by Air ( 3 gal)	appl			1.00	Jul							1.0000	3.50	3.50	3.50
Karate Z	oz											1.5000	3.10	4.65	4.65
Header Wheat/Sorghum	30' Rigid	275hp	0.085	1.00	Aug	5.18	7.67	0.48	0.85	0.08	1.30				15.48
Haul Sorghum	bu			1.00	Aug							100.0000	0.20	20.00	20.00
TOTALS						21.67	22.00	4.24	10.08	0.80	8.21			121.32	187.52
INTEREST ON OPERATING CAPITAL															6.58
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															194.10

Table 20.A Estimated costs and returns per Acre  
Wheat, 8-Row Equipment, Drill Plant, Owner-Operator,  
Red River and Central Areas, Louisiana, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Wheat	bu	8.50	60.0000	510.00	_____
				-----	
TOTAL INCOME				510.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 5 gal)	appl	4.50	1.0000	4.50	_____
FERTILIZERS					
LA Nitrogen	lb	0.54	80.0000	43.20	_____
HERBICIDES					
Osprey	oz	3.44	4.7500	16.34	_____
SEED/PLANTS					
Wheat Seed Private	lb	0.27	90.0000	24.30	_____
ADJUVANTS					
Surfactant	pt	1.55	1.5000	2.33	_____
CUSTOM HARVEST/HAUL					
Haul Wheat	bu	0.20	45.0000	9.00	_____
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	0.3174	3.04	_____
DIESEL FUEL					
Tractors	gal	2.90	2.7366	7.94	_____
Harvesters	gal	2.90	1.2617	3.66	_____
REPAIR & MAINTENANCE					
Implements	Acre	2.99	1.0000	2.99	_____
Tractors	Acre	1.09	1.0000	1.09	_____
Harvesters	Acre	1.72	1.0000	1.72	_____
INTEREST ON OP. CAP.	Acre	4.34	1.0000	4.34	_____
				-----	
TOTAL DIRECT EXPENSES				126.76	_____
RETURNS ABOVE DIRECT EXPENSES				383.24	_____
FIXED EXPENSES					
Implements	Acre	7.29	1.0000	7.29	_____
Tractors	Acre	7.88	1.0000	7.88	_____
Harvesters	Acre	7.81	1.0000	7.81	_____
				-----	
TOTAL FIXED EXPENSES				22.98	_____
				-----	
TOTAL SPECIFIED EXPENSES				149.74	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				360.26	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				330.26	_____

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, 2008

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	4.06	3.64	1.17	2.92	0.14	1.35				13.14
Row Cond (Plant)	27'	MFWD 150	0.078	1.00	Oct	2.01	1.76	0.19	0.93	0.07	0.75				5.64
Grain Drill	24'	MFWD 190	0.078	1.00	Oct	2.52	2.14	1.09	2.48	0.15	1.50				9.73
Wheat Seed Private	lb											90.0000	0.27	24.30	24.30
Ditcher		2WD 130	0.020	1.00	Oct	0.44	0.34	0.03	0.05	0.02	0.19				1.05
App by Air ( 5 gal)	appl			1.00	Nov							1.0000	4.50	4.50	4.50
Osprey	oz											4.7500	3.44	16.34	16.34
Surfactant	pt											1.5000	1.55	2.33	2.33
LA Nitrogen	lb			1.00	Feb							80.0000	0.54	43.20	43.20
Header Wheat/Sorghum	25' Rigid	240hp	0.102	1.00	May	5.38	7.81	0.51	0.91	0.10	1.56				16.17
Haul Wheat	bu			1.00	May							45.0000	0.20	9.00	9.00
TOTALS						14.41	15.69	2.99	7.29	0.49	5.35			99.67	145.40
INTEREST ON OPERATING CAPITAL															4.34
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															149.74

Table 21.A Estimated costs and returns per Acre  
Wheat and Soybeans, (double crop), Owner-Operator  
Red River and Central Areas,, Louisiana, 2008

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Wheat	bu	8.50	50.0000	425.00	_____
Soybeans	bu	10.00	35.0000	350.00	_____
				-----	
TOTAL INCOME				775.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air ( 5 gal)	appl	4.50	2.0000	9.00	_____
App by Air ( 3 gal)	appl	3.50	1.0000	3.50	_____
FERTILIZERS					
LA Nitrogen	lb	0.54	80.0000	43.20	_____
HERBICIDES					
Osprey	oz	3.44	4.7500	16.34	_____
Roundup WeatherMax	oz	0.35	66.0000	23.10	_____
Lasso 4EC	qt	6.06	1.0000	6.06	_____
Scepter 70 DG	oz	2.97	0.3330	0.99	_____
INSECTICIDES					
Karate Z	oz	3.10	4.0000	12.40	_____
SEED/PLANTS					
Wheat Seed Private	lb	0.27	90.0000	24.30	_____
Soybean Seed RR	lb	0.66	50.0000	33.00	_____
ADJUVANTS					
Surfactant	pt	1.55	1.5000	2.33	_____
CUSTOM HARVEST/HAUL					
Haul Wheat	bu	0.20	50.0000	10.00	_____
Haul Soybeans	bu	0.20	35.0000	7.00	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.2043	3.12	_____
LA Hired Labor					
Implements	hour	9.60	0.2530	2.42	_____
Tractors	hour	9.60	0.5542	5.32	_____
DIESEL FUEL					
Tractors	gal	2.90	5.1783	15.01	_____
Harvesters	gal	2.90	2.7075	7.85	_____
REPAIR & MAINTENANCE					
Implements	Acre	6.08	1.0000	6.08	_____
Tractors	Acre	2.02	1.0000	2.02	_____
Harvesters	Acre	3.75	1.0000	3.75	_____
INTEREST ON OP. CAP.	Acre	8.77	1.0000	8.77	_____
				-----	
TOTAL DIRECT EXPENSES				245.56	_____
RETURNS ABOVE DIRECT EXPENSES				529.44	_____
FIXED EXPENSES					
Implements	Acre	13.83	1.0000	13.83	_____
Tractors	Acre	14.73	1.0000	14.73	_____
Harvesters	Acre	17.02	1.0000	17.02	_____
				-----	
TOTAL FIXED EXPENSES				45.58	_____
				-----	
TOTAL SPECIFIED EXPENSES				291.14	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				483.86	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				453.86	_____

Table 21.B Estimated resource use and costs for field operations, per Acre  
Wheat and Soybeans, (double crop), Owner-Operator  
Red River and Central Areas,, Louisiana, 2008

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	4.06	3.64	1.17	2.92	0.14	1.35				13.14
Row Cond (Plant)	27'	MFWD 190	0.078	1.00	Oct	2.52	2.14	0.19	0.93	0.07	0.75				6.53
Grain Drill	30'	MFWD 225	0.062	1.00	Oct	2.39	2.03	1.05	2.37	0.12	1.20				9.04
Wheat Seed Private	lb											90.0000	0.27	24.30	24.30
Ditcher		2WD 130	0.020	1.00	Nov	0.44	0.34	0.03	0.05	0.02	0.19				1.05
App by Air ( 5 gal)	appl			1.00	Nov							1.0000	4.50	4.50	4.50
Osprey	oz											4.7500	3.44	16.34	16.34
Surfactant	pt											1.5000	1.55	2.33	2.33
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Feb	1.35	1.15	0.26	0.62	0.08	0.80				4.18
LA Nitrogen	lb											80.0000	0.54	43.20	43.20
Header Wheat/Sorghum	25' Rigid	240hp	0.102	1.00	May	5.38	7.81	0.51	0.91	0.10	1.56				16.17
Haul Wheat	bu			1.00	May							50.0000	0.20	10.00	10.00
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	1.22	1.10	0.11	0.16	0.06	0.61				3.20
Roundup WeatherMax	oz											22.0000	0.35	7.70	7.70
NT Plant&Pre-Rigid	12R-20	MFWD 190	0.105	1.00	May	3.39	2.89	2.02	4.59	0.21	2.04				14.93
Soybean Seed RR	lb											50.0000	0.66	33.00	33.00
Lasso 4EC	qt											1.0000	6.06	6.06	6.06
Scepter 70 DG	oz											0.3330	2.97	0.99	0.99
Ditcher		2WD 130	0.020	1.00	Jun	0.44	0.34	0.03	0.05	0.02	0.19				1.05
App by Air ( 3 gal)	appl			1.00	Jun							1.0000	3.50	3.50	3.50
Karate Z	oz											2.0000	3.10	6.20	6.20
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jul	1.22	1.10	0.11	0.16	0.06	0.61				3.20
Roundup WeatherMax	oz											22.0000	0.35	7.70	7.70
App by Air ( 5 gal)	appl			1.00	Jul							1.0000	4.50	4.50	4.50
Roundup WeatherMax	oz											22.0000	0.35	7.70	7.70
Karate Z	oz											2.0000	3.10	6.20	6.20
Header - Soybean	25' Flex	275hp	0.102	1.00	Oct	6.22	9.21	0.60	1.07	0.10	1.56				18.66
Haul Soybeans	bu			1.00	Oct							35.0000	0.20	7.00	7.00
TOTALS						28.63	31.75	6.08	13.83	1.01	10.86			191.22	282.37
INTEREST ON OPERATING CAPITAL															8.77
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															291.14



## APPENDIX

Appendix Table 1. Tractors/Harvesters: estimated purchase price, annual use, useful life, fuel use, and direct and fixed cost per hour, Louisiana, 2008

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	28.36	0.00	43.66	0.00	43.66
Combine (200-249 hp)	240hp	161,548	300	8	12.35	15.30	35.81	16.82	67.94	76.47	144.41
Combine (225-274 hp)	Track250hp	0	300	8	12.87	15.30	37.32	0.00	52.62	0.00	52.62
Combine (250-299 hp)	275hp	190,410	300	8	14.15	15.30	41.03	19.83	76.16	90.13	166.30
Combine (250-299hp)	Grass295hp	211,248	300	8	15.18	15.30	44.02	22.00	81.32	99.99	181.32
Combine (275-299 hp)	Track290hp	0	300	8	14.93	15.30	43.29	0.00	58.59	0.00	58.59
Combine (300-349 hp)	325hp	224,696	300	8	16.73	15.30	48.51	23.40	87.22	106.36	193.58
Combine (300-349hp)	Track320hp	0	300	8	16.47	15.30	47.76	0.00	63.06	0.00	63.06
Combine (350-379 hp)	370hp	241,674	300	8	19.04	15.30	55.21	25.17	95.69	114.39	210.08
Combine (350-379 hp)	Track365hp	0	300	8	18.79	15.30	54.49	0.00	69.79	0.00	69.79
Cotton Stripper	173hp	127,505	200	8	8.08	15.30	23.43	19.92	58.65	90.53	149.18
SC Tractor 93 MDR	93	46,683	600	10	4.79	9.60	13.89	2.72	26.21	9.35	35.56
SC Tractpr 68 MDR	68	27,049	600	10	3.50	9.60	10.15	1.57	21.32	5.42	26.74
Tractor( 40-59hp)Cab	2WD 50	28,063	600	8	2.57	9.60	7.46	0.87	17.94	6.19	24.13
Tractor( 40-59hp)Cab	MFWD 50	31,198	600	8	2.57	9.60	7.46	0.97	18.03	6.88	24.92
Tractor( 40-59hp)RB	2WD 50	18,365	600	8	2.57	9.60	7.46	0.57	17.63	4.05	21.69
Tractor( 40-59hp)RB	MFWD 50	23,837	600	8	2.57	9.60	7.46	0.74	17.80	5.26	23.06
Tractor( 60-89hp)CAB	2WD 75	38,645	600	8	3.86	9.60	11.19	1.20	22.00	8.53	30.53
Tractor( 60-89hp)CAB	MFWD 75	43,217	600	8	3.86	9.60	11.19	1.35	22.14	9.53	31.68
Tractor( 60-89hp)RB	2WD 75	28,341	600	8	3.86	9.60	11.19	0.88	21.68	6.25	27.93
Tractor( 60-89hp)RB	MFWD 75	32,988	600	8	3.86	9.60	11.19	1.03	21.82	7.28	29.10
Tractor( 90-119hp)CB	2WD 105	54,618	600	8	5.40	9.60	15.67	1.70	26.98	12.05	39.03
Tractor( 90-119hp)CB	MFWD 105	63,805	600	8	5.40	9.60	15.67	1.99	27.26	14.08	41.35
Tractor( 90-119hp)RB	2WD 105	39,972	600	8	5.40	9.60	15.67	1.24	26.52	8.82	35.34
Tractor( 90-119hp)RB	MFWD 105	47,062	600	8	5.40	9.60	15.67	1.47	26.74	10.38	37.13
Tractor(120-139hp)CB	2WD 130	78,141	600	8	6.69	9.60	19.40	2.44	31.44	17.24	48.69
Tractor(120-139hp)CB	MFWD 130	87,621	600	8	6.69	9.60	19.40	2.73	31.74	19.34	51.08
Tractor(140-159hp)CB	2WD 150	86,566	600	8	7.72	9.60	22.39	2.70	34.69	19.10	53.80
Tractor(140-159hp)CB	MFWD 150	101,499	600	8	7.72	9.60	22.39	3.17	35.16	22.40	57.56
Tractor(160-179hp)CB	2WD 170	92,716	600	8	8.75	9.60	25.37	2.89	37.87	21.20	59.07
Tractor(160-179hp)CB	MFWD 170	113,379	600	8	8.75	9.60	25.37	3.54	38.51	25.93	64.44
Tractor(160-199hp)CB	Track 180	142,710	600	8	9.26	9.60	26.86	4.45	40.92	32.63	73.56
Tractor(180-199hp)CB	2WD 190	107,324	600	8	9.77	9.60	28.36	3.35	41.31	24.54	65.86
Tractor(180-199hp)CB	MFWD 190	119,337	600	8	9.77	9.60	28.36	3.72	41.69	27.29	68.98
Tractor(200-249hp)CB	4WD 225	147,066	600	8	11.58	9.60	33.58	4.59	47.78	33.63	81.41
Tractor(200-249hp)CB	MFWD 225	141,170	600	8	11.58	9.60	33.58	4.41	47.59	32.28	79.88
Tractor(200-249hp)CB	Track 225	163,877	600	8	11.58	9.60	33.58	5.12	48.30	37.47	85.78
Tractor(250-349hp)CB	4WD 300	151,284	600	8	15.44	9.60	44.78	4.72	59.10	34.59	93.70
Tractor(250-349hp)CB	Track 300	197,006	600	8	15.44	9.60	44.78	6.15	60.53	45.05	105.59
Tractor(350-449hp)CB	4WD 400	195,126	600	8	20.58	9.60	59.70	6.09	75.40	44.62	120.03
Tractor(350-449hp)CB	Track 400	233,337	600	8	20.58	9.60	59.70	7.29	76.59	53.36	129.96
Tractor(450-uphp)CB	TRACK-475	268,277	600	8	24.44	9.60	70.90	8.38	88.88	61.35	150.24

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, 2008

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	20'	8,741	100	8	1.00	0.200	3.06	0.56	0.43	4.05	2.39	6.45
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	144,912	200	8	8.08	0.519	12.93	12.17	11.76	36.88	53.46	90.35
Cotton Picker-1st-BB	4R2X1260hp	317,399	200	8	13.33	0.172	4.29	6.66	8.54	19.49	38.83	58.33
Cotton Picker-1st-BB	4R30"250hp	251,681	200	8	12.86	0.327	8.15	12.21	12.87	33.24	58.50	91.74
Cotton Picker-1st-BB	4R30"325hp	292,421	200	8	16.72	0.327	8.15	15.88	14.95	38.99	67.97	106.96
Cotton Picker-1st-BB	4R38"255hp	248,193	200	8	13.12	0.257	6.41	9.81	9.99	26.22	45.42	71.65
Cotton Picker-1st-BB	4R38"325hp	313,556	200	8	18.01	0.257	6.41	13.46	12.62	32.51	57.39	89.90
Cotton Picker-1st-BB	5R30"255hp	260,177	200	8	13.12	0.261	6.52	9.96	10.64	27.13	48.38	75.51
Cotton Picker-1st-BB	5R38"250hp	270,541	200	8	12.86	0.207	5.15	7.73	8.75	21.65	39.80	61.45
Cotton Picker-1st-BB	6R30"325hp	381,665	200	8	16.72	0.218	5.43	10.58	13.01	29.03	59.14	88.18
Cotton Picker-1st-BB	6R38"330hp	384,306	200	8	18.01	0.172	4.29	8.99	10.34	23.63	47.01	70.65
Cotton Picker-1st-Tr	2R38"157hp	144,912	200	8	8.08	0.519	12.93	12.17	11.76	36.88	53.46	90.35
Cotton Picker-1st-Tr	4R2X1255hp	322,137	200	8	18.01	0.172	4.29	9.00	8.67	21.96	39.41	61.37
Cotton Picker-1st-Tr	4R30"250hp	251,681	200	8	12.86	0.327	8.15	12.21	12.87	33.24	58.50	91.74
Cotton Picker-1st-Tr	4R30"325hp	292,421	200	8	16.72	0.327	8.15	15.88	14.95	38.99	67.97	106.96
Cotton Picker-1st-Tr	4R38"255hp	248,193	200	8	13.12	0.257	6.41	9.81	9.99	26.22	45.42	71.65
Cotton Picker-1st-Tr	4R38"325hp	313,556	200	8	18.01	0.257	6.41	13.46	12.62	32.51	57.39	89.90
Cotton Picker-1st-Tr	5R30"255hp	260,177	200	8	13.12	0.261	6.52	9.96	10.64	27.13	48.38	75.51
Cotton Picker-1st-Tr	5R38"250hp	270,541	200	8	12.86	0.207	5.15	7.73	8.75	21.65	39.80	61.45
Cotton Picker-1st-Tr	6R30"325hp	376,745	200	8	16.72	0.218	5.43	10.58	12.84	28.87	58.38	87.25
Cotton Picker-1st-Tr	6R38"330hp	384,306	200	8	18.01	0.172	4.29	8.99	10.34	23.63	47.01	70.65
Cotton Picker-2nd-BB	2R38"157hp	144,912	200	8	8.08	0.440	10.96	10.31	9.96	31.24	45.29	76.53
Cotton Picker-2nd-BB	4R2x1260hp	322,187	200	8	18.01	0.145	3.63	7.62	7.34	18.60	33.38	51.98
Cotton Picker-2nd-BB	4R30"250hp	251,681	200	8	12.86	0.277	6.90	10.34	10.90	28.15	49.55	77.71
Cotton Picker-2nd-BB	4R30"325hp	292,421	200	8	16.72	0.277	6.90	13.45	12.67	33.02	57.57	90.60
Cotton Picker-2nd-BB	4R38"255hp	248,193	200	8	13.12	0.218	5.43	8.31	8.46	22.21	38.47	60.69
Cotton Picker-2nd-BB	4R38"325hp	313,556	200	8	18.01	0.218	5.43	11.40	10.69	27.53	48.61	76.15
Cotton Picker-2nd-BB	5R30"255hp	260,177	200	8	13.12	0.221	5.52	8.44	9.01	22.98	40.98	63.97
Cotton Picker-2nd-BB	5R38"250hp	270,541	200	8	12.86	0.175	4.37	6.54	7.41	18.33	33.71	52.05
Cotton Picker-2nd-BB	6R30"325hp	381,665	200	8	18.01	0.184	4.60	9.65	11.02	25.28	50.09	75.38
Cotton Picker-2nd-BB	6R38"330hp	384,306	200	8	18.01	0.145	3.63	7.62	8.76	20.02	39.82	59.84
Cotton Picker-2nd-Tr	2R38"157hp	144,912	200	8	8.08	0.440	10.96	10.31	9.96	31.24	45.29	76.53
Cotton Picker-2nd-Tr	4R2X1260hp	322,137	200	8	18.01	0.145	3.63	7.62	7.34	18.60	33.38	51.98
Cotton Picker-2nd-Tr	4R30"250hp	251,681	200	8	12.86	0.277	6.90	10.34	10.90	28.15	49.55	77.71
Cotton Picker-2nd-Tr	4R30"325hp	292,421	200	8	16.72	0.277	6.90	13.45	12.67	33.02	57.57	90.60
Cotton Picker-2nd-Tr	4R38"255hp	248,193	200	8	13.12	0.218	5.43	8.31	8.46	22.21	38.47	60.69
Cotton Picker-2nd-Tr	4R38"325hp	313,556	200	8	18.01	0.218	5.43	11.40	10.69	27.53	48.61	76.15
Cotton Picker-2nd-Tr	5R30"255hp	260,177	200	8	13.12	0.221	5.52	8.44	9.01	22.98	40.98	63.97
Cotton Picker-2nd-Tr	5R38"250hp	270,541	200	8	12.86	0.175	4.37	6.54	7.41	18.33	33.71	52.05
Cotton Picker-2nd-Tr	6R30"325hp	381,665	200	8	16.72	0.184	4.60	8.96	11.02	24.59	50.09	74.69
Cotton Picker-2nd-Tr	6R38"330hp	384,306	200	8	18.01	0.145	3.63	7.62	8.76	20.02	39.82	59.84
LA Pickup Truck	1/2 ton	25,000	800	5	2.50	1.000	9.60	7.00	2.81	19.41	7.18	26.59
LA Rice Combine	25 ft	165,000	300	10	8.60	0.300	5.05	7.48	13.21	25.75	22.89	48.65
LA Rice Combine-2	25 ft	165,000	300	10	8.60	0.300	5.05	7.48	13.21	25.75	22.89	48.65
LARice Combine Med	20 ft	150,000	300	10	7.10	0.210	3.53	4.32	8.40	16.26	14.56	30.82
Levee Sprayer	27'	30,768	350	8	2.57	0.038	0.77	0.28	0.06	1.11	0.47	1.59
SC Billet Harvester	6 ft	238,000	750	10	12.00	0.700	11.78	24.36	22.21	58.35	30.47	88.83
SC Harvester 1Rw	6 ft	115,000	400	12	6.80	0.875	14.72	17.25	20.96	52.94	31.15	84.10
SC Harvester 2Rw	12 ft	210,000	400	12	8.00	0.388	6.53	9.00	16.97	32.50	25.22	57.73
SC Loader 1Rw	6 ft	60,000	425	10	5.10	0.598	6.32	8.85	6.17	21.35	11.71	33.06
SC Loader 2Rw	12 ft	112,000	425	10	7.00	0.300	3.17	6.09	5.77	15.04	10.96	26.01
SC Transloader		30,000	120	12	4.70	0.250	2.64	3.40	3.75	9.79	7.74	17.53
SC Truck&Trailer	30 Ton	45,000	400	10	7.00	1.000	10.56	20.30	7.87	38.73	15.59	54.32
Sprayer( 300-450Gal)	47'	0	350	8	5.40	0.022	0.32	0.35	0.00	0.67	0.00	0.67
Sprayer( 300-450Gal)	60'	78,034	350	8	5.66	0.017	0.25	0.28	0.07	0.61	0.55	1.17
Sprayer( 300-450Gal)	80'	79,204	350	8	5.66	0.013	0.19	0.21	0.05	0.46	0.42	0.88
Sprayer( 600-750Gal)	60'	137,403	350	8	10.29	0.017	0.25	0.52	0.12	0.91	0.98	1.89
Sprayer( 600-825Gal)	80'	155,036	350	8	10.29	0.013	0.31	0.39	0.10	0.82	0.83	1.65
Sprayer( 600-825Gal)	90'	177,012	350	8	10.29	0.011	0.16	0.35	0.11	0.63	0.84	1.47
Sprayer(1000-1400Gal)	90'	207,081	350	8	14.15	0.014	0.20	0.57	0.15	0.93	1.18	2.12
Sprayer(1200PlusGal)	120'	243,280	350	8	15.44	0.008	0.12	0.39	0.11	0.63	0.87	1.50

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 acre, Louisiana, 2008

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---	Total Imp.	---Fixed---	Total Cost		
			dollars	hours	years	hr/ac			P.U.	\$/acre	Imp.	P.U.		
Blade-Box	6'	2WD 130	1,236	200	20	0.020	0.19	0.38	0.01	0.04	0.64	0.01	0.34	0.99
Blade-Box	10'	2WD 50	1,816	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	4,025	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	1,169	200	20	1.176	11.29	8.78	0.65	0.67	21.40	0.65	4.76	26.82
Blade-Scraper	10'	2WD 50	2,728	200	20	1.176	11.29	8.78	1.52	0.67	22.27	1.51	4.76	28.56
Blade-Scraper	14'	2WD 50	4,681	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	25,891	200	10	0.519	4.98	14.73	3.36	1.93	25.02	8.13	14.18	47.34
Boll Buggy-1st pick	4R2x1260hp	MFWD 190	25,891	200	10	0.172	1.65	4.88	1.11	0.64	8.29	2.69	4.70	15.69
Boll Buggy-1st pick	4R30"255hp	MFWD 190	25,891	200	10	0.327	3.14	9.28	2.11	1.22	15.76	5.12	8.93	29.82
Boll Buggy-1st pick	4R30"325hp	MFWD 190	25,891	200	10	0.327	3.14	9.28	2.11	1.22	15.76	5.12	8.93	29.82
Boll Buggy-1st pick	4R38"255hp	MFWD 190	25,891	200	10	0.257	2.47	7.31	1.66	0.96	12.41	4.03	7.03	23.48
Boll Buggy-1st pick	4R38"325hp	MFWD 190	25,891	200	10	0.257	2.47	7.31	1.66	0.96	12.41	4.03	7.03	23.48
Boll Buggy-1st pick	5R30"255hp	MFWD 190	25,891	200	10	0.261	2.51	7.42	1.69	0.97	12.61	4.10	7.14	23.86
Boll Buggy-1st pick	5R38"255hp	MFWD 190	25,891	200	10	0.207	1.98	5.87	1.34	0.77	9.97	3.24	5.65	18.87
Boll Buggy-1st pick	6R30"325hp	MFWD 190	25,891	200	10	0.218	2.09	6.18	1.41	0.81	10.51	3.41	5.95	19.88
Boll Buggy-1st pick	6R38"325hp	MFWD 190	25,891	200	10	0.172	1.65	4.88	1.11	0.64	8.29	2.69	4.70	15.69
Boll Buggy-2nd pick	2R38"157hp	MFWD 190	25,891	200	10	0.440	4.22	12.48	2.84	1.64	21.20	6.89	12.01	40.10
Boll Buggy-2nd pick	4R2x1260hp	MFWD 190	25,891	200	10	0.145	1.40	4.13	0.94	0.54	7.02	2.28	3.98	13.29
Boll Buggy-2nd pick	4R30"255hp	MFWD 190	25,891	200	10	0.277	2.66	7.86	1.79	1.03	13.35	4.34	7.56	25.26
Boll Buggy-2nd pick	4R30"325hp	MFWD 190	25,891	200	10	0.277	2.66	7.86	1.79	1.03	13.35	4.34	7.56	25.26
Boll Buggy-2nd pick	4R38"255hp	MFWD 190	25,891	200	10	0.218	2.09	6.19	1.41	0.81	10.51	3.41	5.95	19.89
Boll Buggy-2nd pick	4R38"325hp	MFWD 190	25,891	200	10	0.218	2.09	6.19	1.41	0.81	10.51	3.41	5.95	19.89
Boll Buggy-2nd pick	5R30"255hp	MFWD 190	25,891	200	10	0.221	2.12	6.29	1.43	0.82	10.68	3.47	6.05	20.21
Boll Buggy-2nd pick	5R38"255hp	MFWD 190	25,891	200	10	0.175	1.68	4.97	1.13	0.65	8.45	2.74	4.79	15.99
Boll Buggy-2nd pick	6R30"325hp	MFWD 190	25,891	200	10	0.184	1.77	5.24	1.19	0.68	8.90	2.89	5.04	16.84
Boll Buggy-2nd pick	6R38"325hp	MFWD 190	25,891	200	10	0.145	1.40	4.13	0.94	0.54	7.02	2.28	3.98	13.29
Boll Buggy-Stripper	13' Bcast	MFWD 150	25,891	200	10	0.251	2.41	5.63	1.63	0.79	10.48	3.94	5.64	20.06
Boll Buggy-Stripper	16' Bcast	MFWD 150	25,891	200	10	0.204	1.96	4.58	1.32	0.64	8.51	3.20	4.58	16.30
Boll Buggy-Stripper	19' Bcast	MFWD 150	25,891	200	10	0.172	1.65	3.85	1.11	0.54	7.17	2.69	3.86	13.73
Boll Buggy-Stripper	4R30"2X1Br	MFWD 150	25,891	200	10	0.218	2.09	4.88	1.41	0.69	9.08	3.41	4.88	17.39
Boll Buggy-Stripper	4R30"Brush	MFWD 150	25,891	200	10	0.327	3.14	7.33	2.11	1.03	13.63	5.12	7.33	26.09
Boll Buggy-Stripper	4R38"2X1Br	MFWD 150	25,891	200	10	0.172	1.65	3.85	1.11	0.54	7.17	2.69	3.86	13.73
Boll Buggy-Stripper	4R38"Brush	MFWD 150	25,891	200	10	0.257	2.47	5.77	1.66	0.81	10.73	4.03	5.77	20.54
Boll Buggy-Stripper	5R30"Brush	MFWD 150	25,891	200	10	0.261	2.51	5.86	1.69	0.83	10.90	4.10	5.86	20.87
Boll Buggy-Stripper	5R38"Brush	MFWD 150	25,891	200	10	0.207	1.98	4.63	1.34	0.65	8.62	3.24	4.64	16.51
Boll Buggy-Stripper	6R30"Brush	MFWD 150	25,891	200	10	0.218	2.09	4.88	1.41	0.69	9.08	3.41	4.88	17.39
Chisel Plow(Folding)	16'	2WD 130	11,115	150	12	0.115	1.10	2.24	0.46	0.28	4.09	0.96	1.99	7.05
Chisel Plow(Folding)	24'	MFWD 190	23,766	150	12	0.076	0.73	2.16	0.65	0.28	3.84	1.36	2.08	7.29
Chisel Plow(Folding)	32'	MFWD 225	28,547	150	12	0.057	0.55	1.94	0.59	0.25	3.34	1.24	1.86	6.45
Chisel Plow(Folding)	42'	MFWD 225	34,633	150	12	0.044	0.42	1.47	0.55	0.19	2.64	1.14	1.42	5.21
Chisel Plow(Rigid)	15'	2WD 130	8,904	150	12	0.123	1.18	2.39	0.39	0.30	4.27	0.82	2.12	7.22
Chisel Plow(Rigid)	24'	MFWD 190	7,632	150	12	0.077	0.73	2.18	0.21	0.28	3.42	0.44	2.10	5.96
Chisel-Harrow	21 shank	2WD 190	7,632	150	12	0.088	0.84	2.49	0.24	0.29	3.88	0.50	2.16	6.54
Chisel-Harrow	27 shank	MFWD 225	10,046	150	12	0.068	0.65	2.29	0.24	0.30	3.50	0.51	2.21	6.23
Colter-Chisel-Harrow	21 shank	2WD 190	13,647	150	12	0.088	0.84	2.49	0.43	0.29	4.07	0.90	2.16	7.13
Colter-Chisel-Harrow	27 shank	MFWD 225	17,780	150	12	0.068	0.65	2.29	0.43	0.30	3.69	0.91	2.21	6.82
Corn Grain Cart 8R30	500 bu	MFWD 190	14,819	200	12	0.031	0.30	0.90	0.12	0.11	1.45	0.26	0.87	2.59
Corn Grain Cart 8R40	700bu	MFWD 190	21,566	200	12	0.025	0.24	0.70	0.14	0.09	1.18	0.30	0.68	2.17
Cult & Post	4R-38	2WD 105	13,403	150	10	0.173	2.49	2.71	0.61	0.21	6.04	1.92	1.52	9.50
Cult & Post	6R-30	MFWD 150	17,581	150	10	0.146	2.11	3.28	0.68	0.46	6.54	2.13	3.28	11.97
Cult & Post	6R-38	MFWD 150	17,935	150	10	0.115	1.66	2.59	0.55	0.36	5.18	1.72	2.59	9.49
Cult & Post	8R-30	MFWD 190	20,862	150	10	0.110	1.58	3.11	0.61	0.41	5.72	1.90	3.00	10.63
Cult & Post	8R-38	MFWD 190	22,267	150	10	0.086	1.25	2.46	0.51	0.32	4.55	1.60	2.37	8.53
Cult & Post	8R-38 2x1	MFWD 190	32,099	150	10	0.057	0.83	1.64	0.49	0.21	3.18	1.54	1.58	6.30
Cult & Post	10R-30	MFWD 225	28,058	150	10	0.088	1.26	2.95	0.65	0.38	5.26	2.04	2.84	10.15
Cult & Post	10R-38	MFWD 225	0	150	10	0.065	0.93	2.18	0.00	0.28	3.40	0.00	2.10	5.50
Cult & Post	12R-30	MFWD 225	30,810	150	10	0.073	1.05	2.46	0.60	0.32	4.44	1.87	2.36	8.68
Cult & Post	12R-38	MFWD 225	32,099	150	10	0.057	0.83	1.94	0.49	0.25	3.52	1.54	1.86	6.94
Cultipacker	12'	2WD 130	3,375	300	12	0.124	1.19	2.41	0.09	0.30	4.01	0.16	2.14	6.32
Cultipacker	20'	MFWD 150	11,551	300	12	0.074	0.71	1.67	0.20	0.23	2.82	0.33	1.67	4.83
Cultivate	4R-38	2WD 105	8,155	150	10	0.162	1.55	2.54	0.35	0.20	4.66	1.09	1.43	7.19
Cultivate	6R-30	MFWD 150	12,334	150	10	0.137	1.32	3.07	0.45	0.43	5.28	1.40	3.08	9.77
Cultivate	6R-38	MFWD 150	12,688	150	10	0.108	1.04	2.43	0.36	0.34	4.18	1.14	2.43	7.75
Cultivate	8R-30	MFWD 190	15,615	150	10	0.103	0.99	2.92	0.42	0.38	4.72	1.33	2.81	8.88
Cultivate	8R-38	MFWD 190	17,020	150	10	0.081	0.78	2.31	0.36	0.30	3.76	1.15	2.22	7.14
Cultivate	8R-38 2x1	MFWD 190	26,377	150	10	0.054	0.52	1.53	0.38	0.20	2.64	1.18	1.48	5.31
Cultivate	10R-30	MFWD 225	22,810	150	10	0.082	0.79	2.77	0.50	0.36	4.42	1.56	2.66	8.65
Cultivate	10R-38	MFWD 225	0	150	10	0.065	0.62	2.18	0.00	0.28	3.09	0.00	2.10	5.19
Cultivate	12R-30	MFWD 225	25,563	150	10	0.068	0.66	2.30	0.46	0.30	3.74	1.45	2.21	7.41
Cultivate	12R-38	MFWD 225	23,677	150	10	0.054	0.52	1.82	0.34	0.23	2.92	1.06	1.75	5.74
Disk & Incorporate	14'	2WD 130	19,132	200	10	0.149	2.15	2.90	0.85	0.36	6.28	1.78	2.58	10.64
Disk & Incorporate	24'	MFWD 190	32,225	200	10	0.087	1.25	2.47	0.84	0.32	4.90	1.75	2.38	9.03

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre, Louisiana, 2008

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M--- Imp.	---P.U. Direct	Total	--Fixed-- Imp.	P.U.	Total Cost
-----\$/acre-----														
Disk & Incorporate	32'	4WD 225	40,404	200	10	0.068	0.99	2.30	0.83	0.31	4.44	1.72	2.31	8.48
Disk & Incorporate	42'	MFWD 225	30,542	200	10	0.049	0.70	1.64	0.44	0.21	3.02	0.93	1.58	5.54
Disk Bed (Hipper)	4R-38	MFWD 150	6,958	160	10	0.147	1.41	3.30	0.25	0.46	5.44	0.79	3.30	9.55
Disk Bed (Hipper)	6R-30	MFWD 170	10,952	160	10	0.125	1.20	3.17	0.34	0.44	5.15	1.06	3.24	9.46
Disk Bed (Hipper)	6R-38	MFWD 170	10,952	160	10	0.098	0.94	2.50	0.27	0.34	4.07	0.84	2.55	7.47
Disk Bed (Hipper)	8R-30	MFWD 190	12,086	160	10	0.093	0.90	2.65	0.28	0.34	4.19	0.88	2.55	7.63
Disk Bed (Hipper)	8R-38 2x1	MFWD 190	24,352	160	10	0.049	0.47	1.39	0.30	0.18	2.35	0.93	1.34	4.63
Disk Bed (Hipper)	10R-30	MFWD 225	15,252	160	10	0.075	0.72	2.51	0.28	0.33	3.85	0.88	2.42	7.16
Disk Bed (Hipper)	10R-38	MFWD 225	16,884	160	10	0.059	0.56	1.98	0.24	0.26	3.06	0.77	1.90	5.75
Disk Bed (Hipper)	12R-30	MFWD 225	17,849	160	10	0.062	0.60	2.09	0.27	0.27	3.25	0.86	2.01	6.13
Disk Bed (Hipper)	12R-38	MFWD 225	24,352	160	10	0.049	0.47	1.65	0.30	0.21	2.64	0.93	1.59	5.17
Disk Bed (Hipper)Fld	8R-38	MFWD 190	16,216	160	10	0.074	0.71	2.10	0.30	0.27	3.39	0.93	2.02	6.34
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	14,107	160	10	0.074	0.71	2.10	0.26	0.27	3.35	0.81	2.02	6.18
Disk Bed w/roller	8R-30	2WD 190	11,580	160	10	0.093	0.90	2.65	0.27	0.31	4.14	0.84	2.30	7.29
Disk Bed w/roller	12R-30	MFWD 225	24,672	160	10	0.062	0.60	2.09	0.38	0.27	3.36	1.19	2.01	6.57
Disk Harrow	14'	2WD 130	13,885	180	10	0.140	1.34	2.72	0.54	0.34	4.95	1.34	2.42	8.72
Disk Harrow	24'	MFWD 190	26,978	180	10	0.081	0.78	2.32	0.61	0.30	4.02	1.52	2.23	7.78
Disk Harrow	28'	MFWD 225	30,144	180	10	0.070	0.67	2.35	0.58	0.30	3.92	1.46	2.26	7.65
Ditcher		2WD 130	4,304	200	10	0.020	0.19	0.38	0.03	0.04	0.66	0.05	0.34	1.06
Ditcher (1m/160a)		2WD 130	4,304	200	10	0.009	0.09	0.18	0.01	0.02	0.31	0.02	0.16	0.49
Fert Appl (Liquid)	4R-38	MFWD 150	11,985	150	8	0.154	2.22	3.46	1.23	0.49	7.41	1.63	3.46	12.51
Fert Appl (Liquid)	6R-30	MFWD 170	14,275	150	8	0.130	1.88	3.32	1.24	0.46	6.91	1.65	3.39	11.96
Fert Appl (Liquid)	6R-38	MFWD 170	11,780	150	8	0.103	1.48	2.62	0.81	0.36	5.29	1.07	2.68	9.04
Fert Appl (Liquid)	8R-30	MFWD 190	14,232	150	8	0.098	1.41	2.78	0.93	0.36	5.49	1.23	2.68	9.41
Fert Appl (Liquid)	8R-38	MFWD 190	14,057	150	8	0.077	1.11	2.20	0.72	0.28	4.33	0.96	2.11	7.41
Fert Appl (Liquid)	8R-38 2x1	MFWD 190	17,213	150	8	0.051	0.74	1.46	0.59	0.19	2.99	0.78	1.41	5.19
Fert Appl (Liquid)	10R-30	MFWD 225	14,937	150	8	0.078	1.13	2.63	0.78	0.34	4.89	1.03	2.53	8.47
Fert Appl (Liquid)	10R-38	MFWD 225	16,367	150	8	0.061	0.89	2.08	0.67	0.27	3.92	0.89	2.00	6.81
Fert Appl (Liquid)	12R-30	MFWD 225	16,347	150	8	0.078	1.13	2.63	0.85	0.34	4.97	1.13	2.53	8.64
Fert Appl (Liquid)	12R-38	MFWD 225	17,213	150	8	0.051	0.74	1.73	0.59	0.22	3.30	0.78	1.66	5.75
Field Cult & Inc	12'	2WD 150	12,322	100	10	0.132	1.90	2.96	0.40	0.35	5.62	2.02	2.52	10.18
Field Cult & Inc	24'	MFWD 170	24,426	100	10	0.066	0.95	1.67	0.40	0.23	3.26	2.00	1.71	6.99
Field Cult & Inc	32'	MFWD 190	33,528	100	10	0.049	0.71	1.40	0.41	0.18	2.72	2.06	1.35	6.14
Field Cult & Inc	42'	MFWD 225	42,551	100	10	0.037	0.54	1.26	0.40	0.16	2.38	2.00	1.21	5.60
Field Cultivate	12'	2WD 150	7,075	100	10	0.124	1.19	2.78	0.22	0.33	4.53	1.09	2.37	8.01
Field Cultivate	24'	MFWD 170	19,178	100	10	0.062	0.59	1.57	0.29	0.22	2.69	1.48	1.61	5.79
Field Cultivate	32'	MFWD 190	28,281	100	10	0.046	0.44	1.32	0.32	0.17	2.27	1.64	1.27	5.19
Field Cultivate	42'	MFWD 225	36,828	100	10	0.035	0.34	1.19	0.32	0.15	2.01	1.62	1.14	4.79
Field Cultivate	50'	MFWD 225	45,861	100	10	0.029	0.28	1.00	0.34	0.13	1.76	1.70	0.96	4.43
Gate Installer		2WD 130	2,960	10	10	0.020	0.38	0.38	0.17	0.04	0.99	0.71	0.34	2.05
Grain Drill	12'	2WD 130	14,144	150	8	0.157	3.01	3.04	0.83	0.38	7.28	1.89	2.71	11.88
Grain Drill	15'	MFWD 150	25,179	150	8	0.125	2.41	2.81	1.18	0.39	6.81	2.69	2.81	12.32
Grain Drill	20'	MFWD 170	32,350	150	8	0.094	1.81	2.39	1.14	0.33	5.68	2.59	2.44	10.72
Grain Drill	24'	MFWD 190	37,162	150	8	0.078	1.50	2.22	1.09	0.29	5.12	2.48	2.14	9.75
Grain Drill	30'	MFWD 225	44,388	150	8	0.062	1.20	2.11	1.04	0.27	4.64	2.37	2.02	9.04
Grain Drill & Pre	12'	2WD 130	19,391	150	8	0.169	3.24	3.28	1.23	0.41	8.17	2.79	2.91	13.88
Grain Drill & Pre	15'	MFWD 150	30,426	150	8	0.135	2.59	3.03	1.54	0.42	7.60	3.50	3.03	14.14
Grain Drill & Pre	20'	MFWD 170	37,597	150	8	0.101	1.94	2.57	1.43	0.35	6.31	3.24	2.63	12.19
Grain Drill & Pre	24'	MFWD 190	42,410	150	8	0.084	1.62	2.39	1.34	0.31	5.68	3.05	2.30	11.04
Grain Drill & Pre	30'	MFWD 225	49,635	150	8	0.067	1.29	2.27	1.25	0.29	5.13	2.85	2.18	10.17
Harrow	13'	2WD 130	3,690	200	10	0.119	1.14	2.31	0.15	0.29	3.91	0.27	2.06	6.24
Harrow	21'	2WD 150	4,590	200	10	0.073	0.70	1.65	0.11	0.20	2.68	0.21	1.41	4.30
Harrow	40'	MFWD 190	10,620	200	10	0.038	0.37	1.10	0.14	0.14	1.76	0.25	1.05	3.07
Harrow	47'	MFWD 190	11,000	200	10	0.033	0.31	0.93	0.12	0.12	1.50	0.22	0.90	2.63
Header - Corn	4R-38	240hp	25,147	300	8	0.201	3.07	7.20	1.26	3.38	14.92	2.23	15.37	32.54
Header - Corn	6R30"	240hp	31,393	300	8	0.170	2.60	6.09	1.33	2.86	12.90	2.35	13.02	28.28
Header - Corn	6R38"	240hp	23,850	300	8	0.134	2.05	4.81	0.80	2.26	9.93	1.41	10.27	21.63
Header - Corn	8R-30	240hp	40,647	300	8	0.127	1.95	4.57	1.29	2.14	9.97	2.29	9.76	22.03
Header - Corn	8R-38	275hp	42,909	300	8	0.100	1.54	4.14	1.08	2.00	8.77	1.91	9.09	19.78
Header - Corn	12R-20	275hp	56,689	300	8	0.127	1.95	5.24	1.80	2.53	11.53	3.19	11.51	26.24
Header - Corn	12R-30	275hp	62,425	300	8	0.085	1.30	3.49	1.32	1.68	7.81	2.34	7.67	17.83
Header - Rice (CL)	22' Rigid	240hp	21,887	300	8	0.288	4.41	10.33	1.57	4.85	21.17	2.78	22.05	46.02
Header - Rice (CL)	25' Rigid	240hp	25,387	300	8	0.253	3.88	9.09	1.61	4.27	18.85	2.84	19.41	41.11
Header - Rice (CL)	30' Rigid	275hp	26,406	300	8	0.211	3.23	8.68	1.39	4.19	17.50	2.46	19.06	39.04
Header - Rice (SL)	22' Rigid	240hp	21,887	300	8	0.250	3.82	8.95	1.36	4.20	18.35	2.41	19.11	39.88
Header - Rice (SL)	25' Rigid	240hp	25,387	300	8	0.220	3.36	7.87	1.39	3.70	16.34	2.46	16.82	35.63
Header - Rice (SL)	30' Rigid	275hp	26,406	300	8	0.183	2.80	7.52	1.21	3.63	15.17	2.13	16.52	33.83
Header - Soybean	15' Flex	240hp	0	300	8	0.170	2.60	6.09	0.00	2.86	11.56	0.00	13.02	24.59
Header - Soybean	18' Flex	240hp	20,317	300	8	0.141	2.17	5.08	0.72	2.38	10.36	1.27	10.85	22.48
Header - Soybean	22' Flex	240hp	21,525	300	8	0.116	1.77	4.15	0.62	1.95	8.51	1.10	8.87	18.49

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre, Louisiana, 2008

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---	Total Imp.	---Fixed---	Total Cost		
			dollars	hours	years	hr/ac	-----\$/acre-----							
Header - Soybean	25' Flex	275hp	23,651	300	8	0.102	1.56	4.19	0.60	2.02	8.38	1.06	9.20	18.66
Header - Soybean	30' Flex	275hp	26,468	300	8	0.085	1.30	3.49	0.56	1.68	7.04	0.99	7.67	15.71
Header Wheat/Sorghum	18' Rigid	240hp	19,069	300	8	0.141	2.17	5.08	0.67	2.38	10.31	1.19	10.85	22.36
Header Wheat/Sorghum	22' Rigid	240hp	19,571	300	8	0.116	1.77	4.15	0.56	1.95	8.45	1.00	8.87	18.33
Header Wheat/Sorghum	25' Rigid	240hp	20,103	300	8	0.102	1.56	3.65	0.51	1.71	7.45	0.90	7.81	16.17
Header Wheat/Sorghum	30' Rigid	275hp	22,598	300	8	0.085	1.30	3.49	0.48	1.68	6.96	0.84	7.67	15.48
Header-Cotton Bcast	13'	173hp	17,010	200	8	0.251	6.27	5.90	0.80	5.01	17.99	2.83	22.79	43.62
Header-Cotton-Bcast	16'	173hp	19,260	200	8	0.204	5.09	4.79	0.73	4.07	14.70	2.60	18.52	35.83
Header-Cotton-Bcast	19'	173hp	21,465	200	8	0.172	4.29	4.03	0.69	3.43	12.45	2.44	15.59	30.50
Header-Cotton-Brush	4R30"	173hp	20,520	200	8	0.327	8.15	7.67	1.25	6.52	23.60	4.44	29.63	57.69
Header-Cotton-Brush	4R30"2X1	173hp	24,786	200	8	0.218	5.43	5.11	1.01	4.34	15.91	3.58	19.75	39.25
Header-Cotton-Brush	4R38"	173hp	24,537	200	8	0.257	6.41	6.04	1.18	5.13	18.78	4.18	23.33	46.30
Header-Cotton-Brush	4R38"2X1	173hp	25,964	200	8	0.172	4.29	4.03	0.83	3.43	12.59	2.96	15.59	31.16
Header-Cotton-Brush	5R-30	173hp	30,888	200	8	0.261	6.52	6.13	1.51	5.21	19.39	5.35	23.71	48.46
Header-Cotton-Brush	5R-38	173hp	32,007	200	8	0.207	5.15	4.85	1.24	4.12	15.38	4.39	18.75	38.53
Header-Cotton-Brush	6R-30	173hp	38,092	200	8	0.218	5.43	5.11	1.55	4.34	16.45	5.50	19.75	41.71
Heavy Disk	14'	MFWD 150	17,073	180	10	0.145	1.40	3.26	0.69	0.46	5.82	1.72	3.26	10.81
Heavy Disk	21'	MFWD 170	25,186	180	10	0.097	0.93	2.46	0.68	0.34	4.42	1.69	2.52	8.64
Heavy Disk	27'	MFWD 190	35,140	180	10	0.075	0.72	2.14	0.73	0.28	3.89	1.83	2.06	7.79
LA Boom Sprayer	30 ft	MFWD 150	3,000	150	10	0.059	0.57	1.34	0.13	0.19	2.24	0.16	1.34	3.75
Land Plane	40'x10'	MFWD 190	6,020	200	10	0.242	2.32	6.88	0.29	0.90	10.40	0.90	6.62	17.94
Land Plane	50'x16'	MFWD 190	7,106	200	10	0.151	1.45	4.30	0.21	0.56	6.53	0.67	4.13	11.34
LARice Backhoe-Rrmnt	2 ft	MFWD 150	6,000	100	10	0.500	4.80	11.19	2.64	1.58	20.22	4.15	11.20	35.58
LARice Land Level	13 ft	MFWD 150	7,500	200	15	0.190	1.82	4.25	0.15	0.60	6.84	0.78	4.25	11.88
LARice Levee Plow	8 ft	4WD 300	4,600	150	10	0.050	0.48	2.23	0.07	0.23	3.03	0.21	1.72	4.97
LARice Water Level	24 ft	4WD 300	3,500	100	15	0.149	1.43	6.71	0.23	0.70	9.09	0.57	5.18	14.85
Levee Splitter (1/80	2 blade	2WD 150	5,600	50	10	0.004	0.04	0.09	0.00	0.01	0.14	0.05	0.07	0.28
Lo-Till & Bed	4R-38	MFWD 190	5,100	150	12	0.145	1.39	4.12	0.26	0.54	6.33	0.57	3.97	10.88
Middle Buster	6R-38	MFWD 150	9,591	160	8	0.120	1.15	2.69	0.27	0.38	4.49	0.98	2.69	8.17
Middle Buster	8R-30	MFWD 190	13,977	160	8	0.114	1.09	3.23	0.37	0.42	5.13	1.36	3.11	9.62
Middle Buster	8R-38	MFWD 190	12,713	160	8	0.090	0.86	2.56	0.26	0.33	4.03	0.98	2.46	7.48
Middle Buster	8R-40 2x1	MFWD 190	20,331	160	8	0.060	0.57	1.70	0.28	0.22	2.79	1.04	1.64	5.48
Middle Buster	10R-30	MFWD 225	15,541	160	8	0.091	0.87	3.06	0.33	0.40	4.68	1.21	2.94	8.84
Middle Buster	10R-38	MFWD 225	16,058	160	8	0.072	0.69	2.41	0.27	0.31	3.70	0.99	2.32	7.01
Middle Buster	12R-38	MFWD 225	20,331	160	8	0.060	0.57	2.01	0.28	0.26	3.14	1.04	1.94	6.13
Module Builder-1st	2R-38(157)	MFWD 190	33,304	200	10	0.519	9.97	14.73	4.32	1.93	30.98	10.46	14.18	55.62
Module Builder-1st	4R-30(255)	MFWD 190	33,304	200	10	0.327	6.28	9.28	2.72	1.22	19.51	6.59	8.93	35.04
Module Builder-1st	4R-30(325)	MFWD 190	33,304	200	10	0.327	6.28	9.28	2.72	1.22	19.51	6.59	8.93	35.04
Module Builder-1st	4R-38(255)	MFWD 190	33,304	200	10	0.257	4.94	7.31	2.14	0.96	15.36	5.19	7.03	27.59
Module Builder-1st	4R-38(325)	MFWD 190	33,304	200	10	0.257	4.94	7.31	2.14	0.96	15.36	5.19	7.03	27.59
Module Builder-1st	4R2x1260hp	MFWD 190	33,304	200	10	0.172	3.30	4.88	1.43	0.64	10.27	3.47	4.70	18.44
Module Builder-1st	5R-30(255)	MFWD 190	33,304	200	10	0.261	5.02	7.42	2.18	0.97	15.61	5.27	7.14	28.03
Module Builder-1st	5R-38(255)	MFWD 190	33,304	200	10	0.207	3.97	5.87	1.72	0.77	12.35	4.17	5.65	22.18
Module Builder-1st	6R-30(325)	MFWD 190	33,304	200	10	0.218	4.19	6.18	1.81	0.81	13.01	4.39	5.95	23.37
Module Builder-1st	6R-38(325)	MFWD 190	33,304	200	10	0.172	3.30	4.88	1.43	0.64	10.27	3.47	4.70	18.44
Module Builder-2nd	2R-38(157)	MFWD 190	33,304	200	10	0.440	8.45	12.48	3.66	1.64	26.24	8.86	12.01	47.12
Module Builder-2nd	4R-30(255)	MFWD 190	33,304	200	10	0.277	5.32	7.86	2.30	1.03	16.53	5.58	7.56	29.68
Module Builder-2nd	4R-30(325)	MFWD 190	33,304	200	10	0.277	5.32	7.86	2.30	1.03	16.53	5.58	7.56	29.68
Module Builder-2nd	4R-38(255)	MFWD 190	33,304	200	10	0.218	4.19	6.19	1.81	0.81	13.01	4.39	5.95	23.37
Module Builder-2nd	4R-38(325)	MFWD 190	33,304	200	10	0.218	4.19	6.19	1.81	0.81	13.01	4.39	5.95	23.37
Module Builder-2nd	4R2x1 255	MFWD 190	33,304	200	10	0.145	2.80	4.13	1.21	0.54	8.70	2.93	3.98	15.62
Module Builder-2nd	5R-30(255)	MFWD 190	33,304	200	10	0.221	4.25	6.29	1.84	0.82	13.22	4.46	6.05	23.74
Module Builder-2nd	5R-38(255)	MFWD 190	33,304	200	10	0.175	3.36	4.97	1.46	0.65	10.46	3.53	4.79	18.78
Module Builder-2nd	6R-30(325)	MFWD 190	33,304	200	10	0.184	3.54	5.24	1.53	0.68	11.02	3.72	5.04	19.79
Module Builder-2nd	6R-38(325)	MFWD 190	33,304	200	10	0.145	2.80	4.13	1.21	0.54	8.70	2.93	3.98	15.62
Module Builder-Strip	13' Bcast	MFWD 150	33,304	200	10	0.251	4.83	5.63	2.09	0.79	13.36	5.07	5.64	24.08
Module Builder-Strip	16' Bcast	MFWD 150	33,304	200	10	0.204	3.92	4.58	1.70	0.64	10.86	4.12	4.58	19.56
Module Builder-Strip	19' Brush	MFWD 150	33,304	200	10	0.172	3.30	3.85	1.43	0.54	9.14	3.47	3.86	16.47
Module Builder-Strip	4R-30	MFWD 150	33,700	200	10	0.327	6.28	7.33	2.75	1.03	17.41	6.67	7.33	31.41
Module Builder-Strip	4R-30 2X1	MFWD 150	33,304	200	10	0.218	4.19	4.88	1.81	0.69	11.58	4.39	4.88	20.87
Module Builder-Strip	4R-38	MFWD 150	33,304	200	10	0.257	4.94	5.77	2.14	0.81	13.68	5.19	5.77	24.65
Module Builder-Strip	4R-38 2X1	MFWD 150	33,304	200	10	0.172	3.30	3.85	1.43	0.54	9.14	3.47	3.86	16.47
Module Builder-Strip	5R-30	MFWD 150	33,304	200	10	0.261	5.02	5.86	2.18	0.83	13.90	5.27	5.86	25.04
Module Builder-Strip	5R-38	MFWD 150	33,304	200	10	0.207	3.97	4.63	1.72	0.65	10.99	4.17	4.64	19.81
Module Builder-Strip	6R-30	MFWD 150	33,304	200	10	0.218	4.19	4.88	1.81	0.69	11.58	4.39	4.88	20.87
Mulcher Plow	30'	MFWD 225	0	100	10	0.068	0.65	2.28	0.00	0.30	3.24	0.00	2.19	5.44
NT Grain Drill	12'	2WD 130	28,658	150	8	0.163	3.14	3.17	1.75	0.39	8.47	3.99	2.82	15.29
NT Grain Drill	15'	MFWD 150	35,830	150	8	0.130	2.51	2.93	1.75	0.41	7.62	3.99	2.93	14.54
NT Grain Drill	20'	MFWD 170	47,785	150	8	0.098	1.88	2.49	1.75	0.34	6.48	3.99	2.54	13.02
NT Grain Drill	24'	MFWD 190	71,246	150	8	0.081	1.57	2.32	2.18	0.30	6.38	4.96	2.23	13.58
NT Grain Drill	30'	MFWD 225	70,350	150	8	0.065	1.25	2.19	1.72	0.28	5.47	3.91	2.11	11.50
NT Grain Drill & Pre	12'	2WD 130	33,905	150	8	0.176	3.38	3.42	2.24	0.43	9.47	5.08	3.04	17.60

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre, Louisiana, 2008

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---	Total Imp.	---Fixed---	Total Cost		
			dollars	hours	years	hr/ac	-----\$/acre-----							
NT Grain Drill & Pre	15'	MFWD 150	41,077	150	8	0.141	2.70	3.15	2.17	0.44	8.48	4.92	3.15	16.57
NT Grain Drill & Pre	20'	MFWD 170	53,032	150	8	0.105	2.03	2.68	2.10	0.37	7.19	4.77	2.74	14.70
NT Grain Drill & Pre	24'	MFWD 190	76,493	150	8	0.088	1.69	2.49	2.52	0.32	7.04	5.73	2.40	15.19
NT Grain Drill & Pre	30'	MFWD 225	75,598	150	8	0.070	1.35	2.36	1.99	0.31	6.03	4.53	2.27	12.84
NT Plant&Pre-Folding	8R-38	MFWD 170	43,021	150	8	0.083	1.60	2.12	1.34	0.29	5.37	3.06	2.16	10.60
NT Plant&Pre-Folding	8R-38 2x1	MFWD 170	57,305	150	8	0.055	1.06	1.41	1.19	0.19	3.87	2.71	1.44	8.03
NT Plant&Pre-Folding	10R-30	MFWD 190	55,481	150	8	0.084	1.62	2.39	1.76	0.31	6.10	3.99	2.30	12.40
NT Plant&Pre-Folding	10R-38	MFWD 190	52,893	150	8	0.066	1.28	1.89	1.32	0.24	4.74	3.00	1.82	9.57
NT Plant&Pre-Folding	12R-20	MFWD 190	54,256	150	8	0.105	2.03	2.99	2.15	0.39	7.57	4.88	2.88	15.34
NT Plant&Pre-Folding	12R-30	MFWD 190	63,616	150	8	0.070	1.35	1.99	1.68	0.26	5.29	3.81	1.92	11.04
NT Plant&Pre-Folding	12R-38	MFWD 190	59,634	150	8	0.055	1.06	1.57	1.24	0.20	4.10	2.82	1.51	8.44
NT Plant&Pre-Folding	16R-30	MFWD 190	85,789	150	8	0.052	1.01	1.49	1.70	0.19	4.41	3.86	1.44	9.71
NT Plant&Pre-Folding	23R-15	MFWD 190	99,593	150	8	0.073	1.41	2.08	2.74	0.27	6.51	6.22	2.00	14.74
NT Plant&Pre-Folding	24R-20	MFWD 190	116,358	150	8	0.052	1.01	1.49	2.30	0.19	5.02	5.23	1.44	11.69
NT Plant&Pre-Folding	24R-30	MFWD 190	141,887	150	8	0.035	0.67	0.99	1.87	0.13	3.68	4.25	0.96	8.90
NT Plant&Pre-Rigid	4R-30	2WD 130	23,011	150	8	0.211	4.06	4.10	1.82	0.51	10.50	4.14	3.64	18.29
NT Plant&Pre-Rigid	4R-38	2WD 130	23,351	150	8	0.166	3.19	3.23	1.45	0.40	8.29	3.30	2.87	14.47
NT Plant&Pre-Rigid	6R-30	MFWD 150	29,138	150	8	0.141	2.70	3.15	1.54	0.44	7.85	3.49	3.15	14.50
NT Plant&Pre-Rigid	6R-38	MFWD 150	28,778	150	8	0.111	2.13	2.49	1.20	0.35	6.18	2.72	2.49	11.40
NT Plant&Pre-Rigid	8R-22	MFWD 170	26,219	150	8	0.143	2.76	3.65	1.41	0.50	8.33	3.21	3.73	15.28
NT Plant&Pre-Rigid	8R-30	MFWD 170	34,646	150	8	0.105	2.03	2.68	1.37	0.37	6.46	3.11	2.74	12.32
NT Plant&Pre-Rigid	8R-38	MFWD 170	32,221	150	8	0.077	1.48	1.95	0.93	0.27	4.64	2.11	2.00	8.76
NT Plant&Pre-Rigid	10R-30	MFWD 190	35,847	150	8	0.084	1.62	2.39	1.13	0.31	5.47	2.58	2.30	10.36
NT Plant&Pre-Rigid	12R-20	MFWD 190	51,000	150	8	0.105	2.03	2.99	2.02	0.39	7.44	4.59	2.88	14.92
NT Plant&Pre-Rigid	12R-30	MFWD 190	53,261	150	8	0.070	1.35	1.99	1.40	0.26	5.02	3.19	1.92	10.14
NT Plant-Folding	8R-38	MFWD 170	37,773	150	8	0.077	1.49	1.97	1.09	0.27	4.83	2.49	2.01	9.34
NT Plant-Folding	8R-38 2x1	MFWD 170	52,058	150	8	0.051	0.99	1.31	1.00	0.18	3.49	2.28	1.34	7.12
NT Plant-Folding	10R-30	MFWD 190	50,234	150	8	0.078	1.50	2.22	1.48	0.29	5.51	3.35	2.14	11.01
NT Plant-Folding	10R-38	MFWD 190	47,646	150	8	0.061	1.18	1.75	1.10	0.23	4.28	2.51	1.69	8.48
NT Plant-Folding	12R-20	MFWD 190	49,009	150	8	0.098	1.88	2.78	1.80	0.36	6.84	4.09	2.68	13.61
NT Plant-Folding	12R-30	MFWD 190	58,369	150	8	0.065	1.25	1.85	1.43	0.24	4.79	3.25	1.78	9.83
NT Plant-Folding	12R-38	MFWD 190	53,912	150	8	0.051	0.99	1.46	1.04	0.19	3.69	2.37	1.41	7.47
NT Plant-Folding	16R-30	MFWD 190	80,067	150	8	0.049	0.94	1.39	1.47	0.18	3.99	3.34	1.34	8.67
NT Plant-Folding	23R-15	MFWD 190	94,346	150	8	0.068	1.30	1.93	2.41	0.25	5.91	5.47	1.86	13.24
NT Plant-Folding	24R-20	MFWD 190	110,635	150	8	0.049	0.94	1.39	2.03	0.18	4.55	4.62	1.34	10.51
NT Plant-Folding	24R-30	MFWD 190	134,092	150	8	0.032	0.62	0.92	1.64	0.12	3.32	3.73	0.89	7.95
NT Plant-Rigid	4R-30	2WD 130	17,764	150	8	0.196	3.77	3.81	1.30	0.47	9.37	2.96	3.38	15.72
NT Plant-Rigid	4R-38	2WD 130	18,104	150	8	0.154	2.96	3.00	1.05	0.37	7.39	2.38	2.66	12.44
NT Plant-Rigid	6R-30	MFWD 150	23,891	150	8	0.130	2.51	2.93	1.17	0.41	7.03	2.66	2.93	12.63
NT Plant-Rigid	6R-38	MFWD 150	23,531	150	8	0.103	1.98	2.31	0.91	0.32	5.53	2.07	2.31	9.92
NT Plant-Rigid	8R-22	MFWD 170	21,142	150	8	0.133	2.56	3.39	1.05	0.47	7.48	2.40	3.46	13.35
NT Plant-Rigid	8R-30	MFWD 170	29,399	150	8	0.098	1.88	2.49	1.08	0.34	5.80	2.45	2.54	10.81
NT Plant-Rigid	8R-38	MFWD 170	26,974	150	8	0.077	1.49	1.97	0.78	0.27	4.52	1.78	2.01	8.31
NT Plant-Rigid	10R-30	MFWD 190	30,600	150	8	0.078	1.50	2.22	0.90	0.29	4.93	2.04	2.14	9.12
NT Plant-Rigid	12R-20	MFWD 190	45,753	150	8	0.098	1.88	2.78	1.68	0.36	6.72	3.82	2.68	13.22
NT Plant-Rigid	12R-30	MFWD 190	48,014	150	8	0.065	1.25	1.85	1.17	0.24	4.53	2.67	1.78	8.99
Paratill & Bed	4R-30	MFWD 225	9,794	150	12	0.204	1.96	6.86	0.72	0.90	10.44	1.50	6.59	18.55
Paratill & Bed	4R-38	MFWD 225	10,068	150	12	0.160	1.54	5.40	0.58	0.70	8.24	1.22	5.19	14.65
Paratill & Bed	6R-30	MFWD 225	13,527	150	12	0.136	1.30	4.57	0.66	0.60	7.14	1.38	4.39	12.93
Paratill & Bed	6R-38	MFWD 225	15,868	150	12	0.107	1.03	3.61	0.61	0.47	5.73	1.28	3.47	10.49
Paratill & Bed	8R-30	MFWD 225	17,858	150	12	0.102	0.98	3.43	0.65	0.45	5.52	1.37	3.29	10.19
Paratill & Bed	8R382X1	MFWD 225	42,878	150	12	0.053	0.51	1.80	0.83	0.23	3.39	1.73	1.73	6.86
Paratill & Bed Fold.	8R-38	MFWD 225	20,542	150	12	0.080	0.77	2.71	0.59	0.35	4.44	1.24	2.60	8.30
Paratill & Bed Fold.	12R-38	MFWD 225	42,878	150	12	0.053	0.51	1.80	0.83	0.23	3.39	1.73	1.73	6.86
Paratill & Bed Rigid	8R-38	MFWD 225	18,879	150	12	0.080	0.77	2.71	0.55	0.35	4.39	1.14	2.60	8.15
Pipe Drag	30'	2WD 150	500	100	12	0.051	0.49	1.15	0.00	0.14	1.80	0.02	0.98	2.82
Pipe Spool 160ac	1/4m roll	2WD 130	3,400	15	12	0.003	0.09	0.06	0.00	0.00	0.16	0.08	0.05	0.29
Pipe Trailer 1m/160a	30'	2WD 130	1,122	100	15	0.003	0.18	0.07	0.00	0.00	0.26	0.00	0.06	0.33
Plant & Pre Folding	8R-38	MFWD 170	39,313	150	8	0.080	1.54	2.03	1.18	0.28	5.04	2.68	2.08	9.81
Plant & Pre Folding	8R38 2x1	MFWD 170	53,597	150	8	0.053	1.02	1.35	1.07	0.18	3.64	2.43	1.38	7.46
Plant & Pre Folding	10R-30	MFWD 190	50,846	150	8	0.081	1.55	2.30	1.54	0.30	5.71	3.51	2.21	11.44
Plant & Pre Folding	10R-38	MFWD 190	48,258	150	8	0.064	1.22	1.81	1.15	0.23	4.44	2.63	1.74	8.82
Plant & Pre Folding	12R-20	MFWD 190	48,694	150	8	0.101	1.94	2.87	1.85	0.37	7.06	4.20	2.77	14.04
Plant & Pre Folding	12R-30	MFWD 190	58,054	150	8	0.067	1.29	1.91	1.47	0.25	4.94	3.34	1.84	10.13
Plant & Pre Folding	12R-38	MFWD 190	54,072	150	8	0.053	1.02	1.51	1.08	0.19	3.82	2.45	1.45	7.74
Plant & Pre Folding	16R-30	MFWD 190	78,373	150	8	0.050	0.97	1.43	1.49	0.18	4.09	3.38	1.38	8.86
Plant & Pre Folding	23R-15	MFWD 190	88,933	150	8	0.070	1.35	1.99	2.35	0.26	5.96	5.33	1.92	13.22
Plant & Pre Folding	24R-20	MFWD 190	105,234	150	8	0.050	0.97	1.43	2.00	0.18	4.60	4.54	1.38	10.53
Plant & Pre Folding	24R-30	MFWD 190	130,763	150	8	0.033	0.64	0.95	1.65	0.12	3.39	3.76	0.92	8.08
Plant & Pre Rigid	4R-30	2WD 130	21,157	150	8	0.203	3.89	3.94	1.61	0.49	9.94	3.65	3.50	17.10
Plant & Pre Rigid	4R-38	2WD 130	21,497	150	8	0.159	3.07	3.10	1.28	0.39	7.85	2.92	2.75	13.53
Plant & Pre Rigid	6R-30	MFWD 150	27,284	150	8	0.135	2.59	3.03	1.38	0.42	7.44	3.14	3.03	13.62

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre, Louisiana, 2008

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M--- Imp.	---P.U. Direct	---Fixed--- Imp.	---P.U.	Total Cost	
-----\$/acre-----														
Plant & Pre Rigid	6R-38	MFWD 150	25,997	150	8	0.106	2.05	2.39	1.04	0.33	5.82	2.36	2.39	10.58
Plant & Pre Rigid	8R-22	MFWD 170	23,550	150	8	0.138	2.65	3.50	1.22	0.48	7.86	2.76	3.58	14.21
Plant & Pre Rigid	8R-30	MFWD 170	30,938	150	8	0.101	1.94	2.57	1.17	0.35	6.06	2.67	2.63	11.37
Plant & Pre Rigid	8R-38	MFWD 170	28,513	150	8	0.080	1.54	2.03	0.85	0.28	4.72	1.94	2.08	8.74
Plant & Pre Rigid	10R-30	MFWD 190	31,212	150	8	0.081	1.55	2.30	0.95	0.30	5.11	2.15	2.21	9.49
Plant & Pre Rigid	12R-20	MFWD 190	45,438	150	8	0.101	1.94	2.87	1.73	0.37	6.93	3.92	2.77	13.63
Plant & Pre Rigid	12R-30	MFWD 190	47,699	150	8	0.067	1.29	1.91	1.21	0.25	4.68	2.74	1.84	9.27
Plant - Folding	8R-38	MFWD 170	34,065	150	8	0.074	1.43	1.89	0.95	0.26	4.53	2.16	1.93	8.63
Plant - Folding	8R-38 2xl	MFWD 170	48,350	150	8	0.049	0.95	1.25	0.89	0.17	3.28	2.04	1.28	6.61
Plant - Folding	10R-30	MFWD 190	45,599	150	8	0.075	1.44	2.13	1.28	0.28	5.15	2.92	2.05	10.14
Plant - Folding	10R-38	MFWD 190	43,011	150	8	0.059	1.14	1.68	0.95	0.22	4.01	2.17	1.62	7.81
Plant - Folding	12R-20	MFWD 190	43,477	150	8	0.094	1.81	2.67	1.53	0.35	6.37	3.48	2.57	12.43
Plant - Folding	12R-30	MFWD 190	52,807	150	8	0.062	1.20	1.78	1.24	0.23	4.46	2.82	1.71	9.00
Plant - Folding	12R-38	MFWD 190	48,350	150	8	0.049	0.95	1.40	0.89	0.18	3.44	2.04	1.35	6.84
Plant - Folding	16R-30	MFWD 190	72,651	150	8	0.047	0.90	1.33	1.28	0.17	3.70	2.91	1.28	7.90
Plant - Folding	23R-15	MFWD 190	83,686	150	8	0.065	1.25	1.85	2.05	0.24	5.41	4.66	1.78	11.86
Plant - Folding	24R-20	MFWD 190	99,511	150	8	0.047	0.90	1.33	1.75	0.17	4.17	3.99	1.28	9.45
Plant - Folding	24R-30	MFWD 190	122,968	150	8	0.031	0.60	0.89	1.44	0.11	3.06	3.28	0.85	7.20
Plant - Rigid	4R-30	2WD 130	15,910	150	8	0.188	3.62	3.65	1.12	0.46	8.86	2.55	3.25	14.67
Plant - Rigid	4R-38	2WD 130	16,250	150	8	0.148	2.85	2.88	0.90	0.36	6.99	2.05	2.56	11.61
Plant - Rigid	6R-30	MFWD 150	22,037	150	8	0.125	2.41	2.81	1.03	0.39	6.66	2.35	2.81	11.84
Plant - Rigid	6R-38	MFWD 150	20,750	150	8	0.099	1.90	2.22	0.77	0.31	5.21	1.75	2.22	9.19
Plant - Rigid	8R-22	MFWD 170	18,473	150	8	0.127	2.45	3.24	0.88	0.45	7.04	2.01	3.31	12.36
Plant - Rigid	8R-30	MFWD 170	25,691	150	8	0.094	1.81	2.39	0.90	0.33	5.44	2.06	2.44	9.95
Plant - Rigid	8R-38	MFWD 170	23,266	150	8	0.074	1.43	1.89	0.65	0.26	4.23	1.47	1.93	7.64
Plant - Rigid	10R-30	MFWD 190	25,965	150	8	0.075	1.44	2.13	0.73	0.28	4.60	1.66	2.05	8.32
Plant - Rigid	12R-20	MFWD 190	40,191	150	8	0.094	1.81	2.67	1.42	0.35	6.25	3.22	2.57	12.05
Plant - Rigid	12R-30	MFWD 190	42,452	150	8	0.062	1.20	1.78	1.00	0.23	4.22	2.27	1.71	8.21
Plant - Rigid	15R-15	2WD 150	39,268	150	8	0.094	1.81	2.11	1.38	0.25	5.56	3.15	1.80	10.51
Pull Levee (1m/80a)	4 blade	2WD 50	3,180	100	10	0.003	0.03	0.02	0.00	0.00	0.06	0.01	0.01	0.09
Rice Grain Cart	500 Bu	MFWD 190	14,819	200	12	0.057	0.54	1.61	0.22	0.21	2.61	0.47	1.55	4.64
Rice Grain Cart	700 Bu	MFWD 190	21,566	200	12	0.063	0.60	1.79	0.37	0.23	3.01	0.77	1.73	5.52
Roller	32'	MFWD 170	15,233	100	12	0.046	0.44	1.18	0.11	0.16	1.91	0.80	1.20	3.92
Rotary Cutter	7'	MFWD 130	3,661	185	10	0.168	1.61	3.26	0.49	0.46	5.84	0.41	3.25	9.51
Rotary Cutter	12'	2WD 150	8,336	185	10	0.098	0.94	2.19	0.66	0.26	4.07	0.55	1.87	6.49
Rotary Cutter	15'	MFWD 150	14,337	185	10	0.078	0.75	1.75	0.91	0.24	3.67	0.75	1.76	6.19
Row Cond & Inc	13'	2WD 130	10,279	100	10	0.137	1.98	2.67	0.35	0.33	5.35	1.76	2.37	9.49
Row Cond & Inc	21'	2WD 170	12,957	100	10	0.085	1.22	2.16	0.27	0.24	3.92	1.37	1.81	7.10
Row Cond & Inc	26'	MFWD 190	14,723	100	10	0.028	0.41	0.82	0.10	0.10	1.45	0.53	0.78	2.77
Row Cond & Inc	38'	MFWD 225	22,309	100	10	0.047	0.67	1.58	0.26	0.20	2.73	1.31	1.52	5.57
Row Cond & Inc	42'	MFWD 225	20,400	100	10	0.040	0.57	1.34	0.20	0.17	2.31	1.02	1.29	4.62
Row Cond (Harrow)	13'	2WD 130	5,032	100	10	0.114	1.10	2.22	0.14	0.28	3.75	0.71	1.98	6.45
Row Cond (Harrow)	21'	2WD 170	7,710	100	10	0.071	0.68	1.80	0.13	0.20	2.83	0.68	1.50	5.02
Row Cond (Harrow)	27'	MFWD 190	9,476	100	10	0.057	0.55	1.62	0.13	0.21	2.53	0.67	1.56	4.77
Row Cond (Harrow)	38'	MFWD 225	16,587	100	10	0.039	0.37	1.31	0.16	0.17	2.03	0.81	1.26	4.11
Row Cond (Harrow)	42'	MFWD 225	15,582	100	10	0.035	0.34	1.19	0.13	0.15	1.83	0.68	1.14	3.66
Row Cond (Plant)	13'	2WD 130	5,032	100	10	0.157	1.50	3.05	0.19	0.38	5.14	0.98	2.71	8.83
Row Cond (Plant)	21'	2WD 170	7,710	100	10	0.097	0.93	2.46	0.18	0.28	3.87	0.93	2.06	6.86
Row Cond (Plant)	27'	MFWD 190	9,476	100	10	0.078	0.75	2.22	0.18	0.29	3.46	0.92	2.14	6.53
Row Cond (Plant)	38'	MFWD 225	16,587	100	10	0.053	0.51	1.80	0.22	0.23	2.78	1.11	1.73	5.62
Row Cond (Plant)	42'	MFWD 225	15,582	100	10	0.048	0.46	1.63	0.18	0.21	2.50	0.94	1.57	5.01
RT Cult (Early)	8R-30	2WD 170	22,538	200	12	0.103	0.99	2.61	1.11	0.29	5.01	1.34	2.18	8.55
RT Cult (Early)	12R-30	2WD 190	32,545	200	12	0.068	0.66	1.94	1.07	0.23	3.91	1.29	1.68	6.89
RT Cult (Late)	8R-30	2WD 170	22,538	200	12	0.128	1.23	3.27	1.39	0.37	6.27	1.68	2.73	10.68
RT Cult (Late)	12R-30	2WD 190	32,545	200	12	0.085	0.82	2.43	1.34	0.28	4.89	1.61	2.10	8.61
RT Cult + PD (Early)	8R-30	2WD 150	27,785	200	12	0.110	1.58	2.46	1.46	0.29	5.80	1.76	2.10	9.67
RT Cult + PD (Early)	12R-30	MFWD 225	37,792	200	12	0.073	1.05	2.46	1.32	0.32	5.17	1.60	2.36	9.14
RT Cult + PD (Late)	8R-30	2WD 170	27,785	200	12	0.137	1.97	3.48	1.83	0.39	7.69	2.21	2.91	12.82
RT Cult + PD (Late)	12R-30	2WD 190	37,792	200	12	0.091	1.31	2.59	1.65	0.30	5.88	2.00	2.24	10.14
SC 3Row (Cover)	18 ft	MFWD 150	10,750	200	9	0.120	1.15	2.69	1.43	0.38	5.67	0.59	2.69	8.96
SC 3Row (Hipper)	18 ft	MFWD 150	10,500	200	9	0.120	1.15	2.68	0.68	0.38	4.90	0.93	2.68	8.53
SC 3Row (Marker)	18 ft	MFWD 150	8,800	200	9	0.120	1.15	2.68	0.58	0.38	4.80	0.78	2.68	8.28
SC 3Row (Offbar)	18 ft	MFWD 150	11,500	200	10	0.120	1.15	2.68	0.69	0.38	4.91	0.95	2.68	8.55
SC 3Row (Opener)	18 ft	MFWD 150	7,800	200	10	0.120	1.15	2.68	0.46	0.38	4.68	0.64	2.68	8.02
SC 3Row Plow	18 ft	MFWD 190	17,000	200	9	0.120	1.15	3.40	1.11	0.44	6.11	1.51	3.27	10.90
SC Blade	8 ft	MFWD 150	3,500	100	12	0.877	8.42	19.64	2.55	2.78	33.40	2.86	19.65	55.92
SC Boom Sprayer	16 ft	MFWD 150	2,900	150	10	0.120	1.15	2.68	0.25	0.38	4.47	0.32	2.68	7.48
SC Burning Unit	18 ft	2WD 105	1,300	85	6	0.149	1.43	2.34	0.24	0.25	4.29	0.45	1.80	6.55
SC Cane Planters Aid	6 ft	MFWD 150	4,500	20	20	1.000	9.60	22.39	8.43	3.17	43.59	21.55	22.40	87.55
SC Cane Plt-1R Bille	1 row	MFWD 150	22,000	150	20	0.670	6.43	15.00	3.68	2.12	27.24	9.41	15.01	51.66
SC Cane Plt-3R Bille	3 row	2WD 50	34,000	50	20	0.200	1.92	1.49	5.10	0.11	8.62	13.02	0.81	22.46
SC Cane Plt-Whlstalk	6 ft	MFWD 150	22,000	150	20	0.670	6.43	15.00	3.68	2.12	27.24	9.41	15.01	51.66



Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre, Louisiana, 2008

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M--- Imp.	---P.U. Direct	---Fixed--- Imp.	---P.U.	Total Cost	
			dollars	hours	years	hr/ac	-----\$/acre-----							
SC Cane Wagon 10T	10 Ton	MFWD 150	7,500	400	15	0.500	5.28	12.31	0.62	1.74	19.96	1.02	11.20	32.19
SC Cane Wgn Billt HD	10Ton	MFWD 150	30,000	750	9	0.700	7.39	17.24	4.66	2.44	31.74	4.04	15.68	51.47
SC Chisel Plow	13 ft	MFWD 190	6,000	200	6	0.219	2.10	6.23	0.96	0.81	10.12	1.31	5.99	17.44
SC Chisel Plow	23 ft	MFWD 190	12,000	200	6	0.120	1.15	3.40	0.49	0.44	5.49	1.43	3.27	10.20
SC Cultimulcher	12 ft	2WD 105	5,500	120	15	0.110	1.05	1.72	0.29	0.18	3.26	0.55	1.32	5.14
SC Cultivate + Post	6 Row	2WD 170	8,200	200	10	0.110	1.05	2.79	0.39	0.31	4.56	0.62	2.33	7.52
SC Cultivator	30" 6 Row	2WD 150	5,350	200	10	0.140	1.34	3.13	0.32	0.37	5.18	0.51	2.67	8.38
SC Disk	12 ft	2WD 50	8,500	200	10	0.149	1.43	1.11	0.56	0.08	3.20	0.88	0.60	4.69
SC Disk	20 ft	MFWD 190	17,500	200	10	0.100	0.96	2.83	0.77	0.37	4.93	1.21	2.72	8.88
SC Disk	26 ft	2WD 170	21,000	200	10	0.069	0.67	1.77	0.64	0.20	3.29	1.01	1.48	5.79
SC Disk + Pre	6 row	2WD 170	9,250	200	10	0.100	0.96	2.53	0.40	0.28	4.19	0.64	2.12	6.95
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	0.89	0.13	0.08	1.87	0.14	0.58	2.61
SC Fert 3Row Lq App	18 ft	MFWD 150	7,000	200	10	0.130	1.24	2.91	0.36	0.41	4.93	0.63	2.91	8.48
SC Fert DrySlingApp	42 ft	MFWD 150	6,500	150	10	0.059	0.57	1.34	0.22	0.19	2.33	0.36	1.34	4.04
SC Flat Roller	18 ft	MFWD 150	1,400	75	9	0.190	1.82	4.25	0.47	0.60	7.15	0.52	4.25	11.94
SC Hauling Hitch	6 ft	4WD 225	1,000	500	15	1.000	9.60	33.58	0.13	4.59	47.91	0.21	33.63	81.76
SC Land Plane	15 ft	MFWD 150	10,000	200	15	0.300	2.88	6.72	0.66	0.95	11.21	1.64	6.72	19.59
SC Rotary Ditcher	6 ft	MFWD 150	12,500	100	10	0.250	2.40	5.59	3.12	0.79	11.91	4.33	5.60	21.84
SC Rotary Hoe	18 ft	2WD 130	4,500	75	12	0.080	0.76	1.55	0.41	0.19	2.92	0.58	1.37	4.89
SC Rotary Mower	13.1 ft	MFWD 75	7,000	150	10	0.250	2.40	2.79	0.51	0.25	5.96	1.61	1.82	9.40
SC Rototiller	18 ft	MFWD 190	20,000	150	10	0.219	2.10	6.23	3.51	0.81	12.67	4.06	5.99	22.73
SC Tractor Blade	6 ft	2WD 105	3,500	100	15	1.000	9.60	15.67	0.86	1.70	27.84	3.83	12.05	43.73
SC Tractor Spreader	20 ft	2WD 105	700	150	10	0.110	1.05	1.72	0.04	0.18	3.01	0.07	1.32	4.41
SC Trailer Utility	10 ft	2WD 130	2,000	200	15	1.000	9.60	19.40	0.23	2.44	31.68	1.09	17.24	50.02
SCMechanical Planter	6 ft	MFWD 150	15,500	160	10	1.000	9.60	22.39	7.26	3.17	42.42	13.42	22.40	78.26
Spin Spreader	5 ton	MFWD 190	11,082	100	8	0.042	0.80	1.19	0.26	0.15	2.42	0.61	1.14	4.18
Spin Spreader	5 ton	MFWD 190	10,835	100	8	0.042	0.80	1.19	0.25	0.15	2.41	0.60	1.14	4.16
Spray (Band)	27'	MFWD 170	5,247	200	8	0.062	0.90	1.59	0.15	0.22	2.86	0.21	1.62	4.71
Spray (Band)	40'	MFWD 170	5,722	200	8	0.042	0.60	1.07	0.11	0.14	1.94	0.16	1.09	3.20
Spray (Band)	50'	MFWD 170	5,622	200	8	0.033	0.48	0.85	0.08	0.11	1.55	0.12	0.87	2.55
Spray (Band)	53'	MFWD 170	6,666	200	8	0.031	0.45	0.81	0.09	0.11	1.48	0.14	0.82	2.45
Spray (Band)	60'	MFWD 170	7,794	200	8	0.028	0.40	0.71	0.10	0.09	1.32	0.14	0.73	2.20
Spray (Bcast/HB)	13' Rigid	MFWD 150	4,571	200	8	0.130	1.87	2.91	0.27	0.41	5.48	0.39	2.91	8.79
Spray (Bcast/HB)	20' Rigid	2WD 50	5,378	200	8	0.084	1.21	0.63	0.21	0.04	2.11	0.30	0.34	2.75
Spray (Bcast/HB)	27' Fold	MFWD 170	9,220	200	8	0.062	0.90	1.59	0.27	0.22	2.98	0.38	1.62	4.99
Spray (Bcast/HB)	27' Rigid	MFWD 170	6,245	200	8	0.062	0.90	1.59	0.18	0.22	2.89	0.25	1.62	4.78
Spray (Bcast/HB)	30' Fold	MFWD 170	12,454	200	8	0.056	0.81	1.43	0.32	0.19	2.77	0.46	1.46	4.70
Spray (Bcast/HB)	40' Fold	MFWD 170	12,904	200	8	0.042	0.60	1.07	0.25	0.14	2.08	0.36	1.09	3.54
Spray (Bcast/HB/HD)	27'	MFWD 170	19,559	200	8	0.062	0.90	1.59	0.57	0.22	3.28	0.81	1.62	5.72
Spray (Bcast/HB/HD)	40'	MFWD 170	23,213	200	8	0.042	0.60	1.07	0.46	0.14	2.29	0.65	1.09	4.04
Spray (Broadcast)	27'	MFWD 170	5,247	200	8	0.062	0.90	1.59	0.15	0.22	2.86	0.21	1.62	4.71
Spray (Broadcast)	40'	MFWD 170	5,722	200	8	0.042	0.60	1.07	0.11	0.14	1.94	0.16	1.09	3.20
Spray (Broadcast)	50'	MFWD 170	5,622	200	8	0.033	0.48	0.85	0.08	0.11	1.55	0.12	0.87	2.55
Spray (Broadcast)	53'	MFWD 170	6,666	200	8	0.031	0.45	0.81	0.09	0.11	1.48	0.14	0.82	2.45
Spray (Broadcast)	60'	MFWD 170	7,794	200	8	0.028	0.40	0.71	0.10	0.09	1.32	0.14	0.73	2.20
Spray (Direct/Hood)	8R-30	MFWD 170	13,842	200	8	0.084	1.21	2.14	0.54	0.29	4.21	0.77	2.19	7.18
Spray (Direct/Hood)	8R-38	MFWD 170	14,981	200	8	0.066	0.96	1.69	0.46	0.23	3.36	0.66	1.73	5.76
Spray (Direct/Hood)	12R-30	MFWD 170	17,570	200	8	0.056	0.81	1.43	0.46	0.19	2.90	0.65	1.46	5.02
Spray (Direct/Hood)	12R-38	MFWD 170	18,014	200	8	0.044	0.64	1.12	0.37	0.15	2.30	0.53	1.15	3.99
Spray (Direct/Layby)	8R-30	MFWD 170	9,000	200	8	0.084	1.21	2.14	0.35	0.29	4.02	0.50	2.19	6.72
Spray (Direct/Layby)	8R-38	MFWD 170	10,283	200	8	0.066	0.96	1.69	0.32	0.23	3.22	0.45	1.73	5.40
Spray (Direct/Layby)	8R-38 2x1	MFWD 170	17,637	200	8	0.044	0.64	1.12	0.36	0.15	2.29	0.52	1.15	3.97
Spray (Direct/Layby)	10R-30	MFWD 170	10,371	200	8	0.067	0.97	1.71	0.32	0.23	3.26	0.46	1.75	5.48
Spray (Direct/Layby)	12R-30	MFWD 170	11,554	200	8	0.056	0.81	1.43	0.30	0.19	2.74	0.43	1.46	4.64
Spray (Direct/Layby)	12R-38	MFWD 170	17,637	200	8	0.044	0.64	1.12	0.36	0.15	2.29	0.52	1.15	3.97
Spray (Direct/Layby)	16R-20	MFWD 170	9,031	200	8	0.063	0.91	1.60	0.26	0.22	3.01	0.37	1.64	5.03
Spray (Spot)	27'	MFWD 170	5,247	200	8	0.062	0.90	1.59	0.15	0.22	2.86	0.21	1.62	4.71
Spray (Spot)	40'	MFWD 170	5,722	200	8	0.042	0.60	1.07	0.11	0.14	1.94	0.16	1.09	3.20
Spray (Spot)	50'	MFWD 170	5,622	200	8	0.033	0.48	0.85	0.08	0.11	1.55	0.12	0.87	2.55
Spray (Spot)	53'	MFWD 170	6,666	200	8	0.031	0.45	0.81	0.09	0.11	1.48	0.14	0.82	2.45
Spray (Spot)	60'	MFWD 170	7,794	200	8	0.028	0.40	0.71	0.10	0.09	1.32	0.14	0.73	2.20
Stalk Shredder	14'	MFWD 150	10,534	200	10	0.117	1.13	2.63	1.08	0.37	5.23	0.77	2.64	8.64
Stalk Shredder	20'	MFWD 150	24,437	200	10	0.082	0.79	1.84	1.76	0.26	4.66	1.25	1.84	7.76
Stalk Shredder-Flail	12'	MFWD 150	12,844	200	10	0.137	1.32	3.07	1.54	0.43	6.38	1.09	3.08	10.55
Stalk Shredder-Flail	20'	MFWD 150	19,244	200	10	0.082	0.79	1.84	1.38	0.26	4.29	0.98	1.84	7.12
Subsoiler	3 shank	MFWD 190	4,200	100	15	0.204	1.96	5.79	0.28	0.76	8.80	0.87	5.57	15.25
Subsoiler	4 shank	MFWD 225	5,519	100	15	0.153	1.47	5.15	0.28	0.67	7.59	0.86	4.96	13.41
Subsoiler	5 shank	MFWD 225	6,342	100	15	0.122	1.17	4.10	0.25	0.53	6.08	0.78	3.95	10.82
Subsoiler low-till	4 shank	MFWD 225	8,969	100	15	0.153	1.47	5.15	0.45	0.67	7.77	1.40	4.96	14.13
Subsoiler low-till	6 shank	MFWD 225	12,263	100	15	0.102	0.98	3.43	0.41	0.45	5.28	1.27	3.29	9.85
Subsoiler low-till	8 shank	MFWD 225	16,124	100	15	0.076	0.73	2.57	0.41	0.33	4.05	1.25	2.47	7.78
TerraTill Bed w/roll	4R-38	MFWD 225	11,755	150	12	0.160	1.54	5.40	0.68	0.70	8.34	1.42	5.19	14.96
TerraTill Bed w/roll	6R-38	MFWD 225	15,310	150	12	0.107	1.03	3.61	0.59	0.47	5.71	1.24	3.47	10.42
TerraTill Bed w/roll	4R-30	MFWD 225	11,755	150	12	0.204	1.96	6.86	0.86	0.90	10.59	1.80	6.59	18.99
TerraTill Bed w/roll	6R-30	MFWD 225	15,310	150	12	0.136	1.30	4.57	0.75	0.60	7.23	1.57	4.39	13.20

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: Estimated prices, Louisiana, 2008.

ITEM	UNIT	PRICE	ITEM	UNIT	PRICE
ADJUVANTS			FERTILIZER (Con't)		
Crop Oil ( Seed Oil)	pt	2.46	LA Phosphate	lb	0.44
Crop Oil (Petroleum)	pt	0.80	LA Potash	lb	0.36
Surfactant	pt	1.55	Phosphorus(46% P2O5)	cwt	14.00
CUSTOM FERT/LIME			Potash (60% K2O)	cwt	13.00
App Fert by Air	cwt	5.00	Sulfur	lb	0.20
App Fert by Air(Min)	appl	5.00	UAN (32% N)	cwt	12.00
Custom Apply Fert	acre	5.00	UAN + Sulfur (28% N)	cwt	12.00
Custom Spread(Truc	appl	4.50	Urea, Solid (46% N)	cwt	17.00
Lime (Spread)	ton	40.00	Zinc	lb	0.65
CUSTOM HARVEST/HAUL			FUNGICIDES		
Haul Corn	bu	0.20	Apron Maxx RTA	oz	0.80
Haul Cotton	lb	0.02	Apron XL	oz	5.78
Haul Rice	bu	0.22	Apron XL LS	oz	7.27
Haul Rice (cwt)	cwt	0.25	Benlate 50 WP	lb	15.95
Haul Sorghum	bu	0.20	Captan 4L	pt	2.83
Haul Soybeans	bu	0.20	Captan 50 WP	lb	3.41
Haul Wheat	bu	0.20	Cruiser 5FS	oz	17.38
LARice Haul	cwt	0.30	Delta Coat AD	oz	3.75
CUSTOM PLANT			Dithane F-45	qt	3.63
LARice Air Plant NE	cwt	5.50	Dithane Rainsheild	lb	2.46
LARice Air Plant SW	cwt	5.60	Fungicide	lb	2.30
CUSTOM SPRAY			Gem 25 WG	oz	3.41
App by Air ( 1 gal)	appl	2.50	Manzate 75 DF	lb	2.61
App by Air ( 2 gal)	appl	3.00	Manzate Flowable	pt	1.77
App by Air ( 3 gal)	appl	3.50	Moncut 70 DF	lb	25.09
App by Air ( 5 gal)	appl	4.50	Orbit	oz	2.75
App by Air (10 gal)	appl	6.50	Prevail	lb	11.53
Custom Apply	acre	5.00	Quadris	oz	1.97
Custom Terragator	acre	5.00	Ridomil GoldPC 10G	lb	1.90
LARice GPS Charge-SW	acre	0.35	Ridomil Gold PC	lb	2.04
LARice GPS Charge_NE	acre	0.25	Rovral 4F	pt	19.93
FERTILIZERS			Shelter	oz	8.50
Amm Nitrate (34% N)	cwt	16.00	Stiletto	oz	0.54
Amm Sulfate (21% N)	cwt	12.00	Stratego	pt	18.52
Anhy Ammonia (82% N)	cwt	26.85	Terrachlor Flowable	pt	4.74
Boron (Solubor)	lb	0.40	Terraclor 2EC	pt	1.91
DAP	cwt	16.00	Terraclor Super X EC	pt	3.89
Fert 10-34-0	cwt	16.00	Terraclor Super X G	lb	2.39
Fert 41-0-0-4	cwt	19.00	Tilt 3.6 EC	oz	2.62
LA Nitrogen	lb	0.54	Vitavax 200	oz	0.49
FUNGICIDES (Con't)			HERBICIDES (Con't)		
Vitavax M Flowable	oz	1.06	AAtrex NINE-O	lb	2.74

Appendix Table 4. Operating inputs: Estimated prices, Louisiana, 2008.

ITEM	UNIT	PRICE	ITEM	UNIT	PRICE
Vitavax RTU-Thiram	oz	0.35	Accent Gold	oz	7.14
Vitavax T-L	oz	0.29	Accent SP	oz	31.6
GIN/DRY			Aim 2EC	oz	5.82
Dry Corn	bu	0.19	Aim DF	oz	8.78
Dry Grain Sorghum	cwt	0.25	Arrosolo	qt	7.50
Dry Rice	bu	0.40	Assure II	oz	1.04
Dry Rice (cwt)	cwt	0.9	Atrazine 4L	pt	1.17
Gin	lb	0.09	Atrazine 90DF	lb	2.10
LARice Dry	cwt	0.90	Authority 75DF	lb	26.40
GROWTH REGULATORS			Axiom 68DF	lb	22.02
Early Harvest PGR	oz	1.55	Backdraft	pt	2.34
LA Polado	oz	0.38	Banvel	pt	9.51
Mepex	oz	0.30	Basagran	pt	10.48
PGR IV	oz	1.64	Basis Gold	lb	18.87
Pix Plus	oz	0.56	Beacon 75% WSP	oz	27.44
Pix Ultra	oz	0.47	Beyond	oz	4.10
HARVEST AIDS			Bicep II Magnum	qt	9.41
Accelerate	pt	2.76	Bicep II zmsgnum	qt	10.58
Ammonium Sulfate	lb	0.12	Blazer Ultra	pt	7.81
Boll'd	pt	7.01	Boa	pt	3.63
CottonQuik	pt	3.59	Bolero 8EC	pt	5.96
Def 6	pt	7.14	Boundary	pt	10.13
Dropp 50 WP	lb	44.00	Buctril 4EC	pt	15.51
Dropp SC	oz	2.67	Butoxone 175(2,4-DB)	pt	2.70
Ethephon 6E	pt	5.22	Butoxone 200(2,4-DB)	pt	4.05
Finish 6	pt	9.40	Butyrac 175 (2,4-DB)	pt	2.64
Folex 6EC	pt	7.16	Butyrac 200 (2,4-DB)	pt	4.15
Ginstar EC	pt	27.59	Canopy 75%	oz	2.55
Gramoxone Extra	pt	4.86	Canopy XL	oz	1.93
Gramoxone Max	pt	5.09	Caparol 4L	pt	3.99
Harvade 5F	oz	0.60	Celebrity Plus	lb	87.7
Leafless	pt	18.56	Clarity	pt	11.6
Prep	pt	5.44	Classic	oz	13.26
Sodium Chlorate 3L	gal	3.04	Clincher EC	oz	1.70
Sodium Chlorate 6L	gal	4.80	Cobra 2EC	oz	1.19
HERBICIDES			Command 3ME	pt	12.75
2,4-D Amine 4	pt	1.72	Conclude XACT	pt	9.59
2,4-D Ester	pt	1.93	Conclude XTRA	pt	8.32
AAtrex 4L	pt	1.57	Cornerstone	pt	1.38
HERBICIDES (Con't)			HERBICIDES (Con't)		
Cotoran 4L	pt	4.90	Harmony Extra	oz	14.83
Cotoran DF	lb	8.05	Hoelon 3EC	pt	9.08
Cotton Pro Flowable	pt	3.32	Karmex DF	lb	4.35

Appendix Table 4. Operating inputs: Estimated prices, Louisiana, 2008.

ITEM	UNIT	PRICE	ITEM	UNIT	PRICE
Crossbow	pt	7.18	LA Asulox	gal	47.75
Delta Goal	pt	9.44	LA Weedmaster	gal	24.79
Denim 0.16 EC	pt	24.06	Lariat	qt	5.33
Detail	pt	7.99	Lasso 4EC	qt	6.06
Direx 4L	pt	2.29	Layby Pro	qt	9.04
Direx 80 DF	lb	3.89	Lexone 75DF	lb	18.9
Diuron 4L	pt	2.22	Liberty	pt	8.76
Diuron 80 DF	lb	3.15	Lightning	oz	12.18
Domain 60DF	lb	12.75	Lightning	oz	11.23
DSMA 4	pt	0.87	Linex 4L	pt	6.93
Dual II Magnum	pt	13.43	Londax 60DF	oz	11.25
Dual Magnum	pt	12.64	Lorox 50DF	lb	15.75
Duet	pt	3.54	MSMA 6.6	pt	2.01
Evik DF 80W	lb	6.78	MSMA6 + Surfactant	pt	1.98
Exceed	oz	10.71	Newpath 2SL	oz	3.60
Exceed Custom Pak	oz	11.50	Ordram 15-G	lb	1.38
Expert	pt	3.65	Ordram 8-E	pt	7.60
Facet 75DF	lb	50.75	Osprey	oz	3.44
First Rate	oz	27.04	Outlook	pt	18.47
Flexstar HL	pt	12.88	Pendimax 3.3	pt	2.84
FloMet 4L	pt	4.82	Permit 75DF	oz	17.49
Freedom	qt	2.51	Poast 1.53	pt	8.46
Front Row	oz	21.92	Poast Plus	pt	6.37
Frontier 6.0	oz	0.63	Propanil 4E	qt	5.15
Fultime	pt	3.75	Prowl 3.3 EC	pt	3.10
Fusilade DX	oz	1.16	Pursuit DG	oz	11.34
Fusion	pt	19.84	Pursuit Plus EC	pt	6.33
Glyfos	pt	2.26	Python WDG	oz	9.35
Glyphomax	pt	3.49	Raptor	oz	4.13
Glyphosate Plus 4L	pt	2.35	Reflex 2LC	pt	12.55
Glystar Plus	pt	2.35	Regiment 80WP	oz	35.00
Goal 2XL	pt	10.54	Remedy	pt	12.17
Gramoxone Max	pt	5.09	Resource .86EC	pt	21.24
Gramoxone Max	pt	4.86	Ricestar	pt	15.45
Grandstand R	qt	21.53	Roundup Original	pt	19.5
Guardzman	pt	4.66	Roundup Original Max	oz	0.27
Guardzman Max	pt	5.50	Roundup Ultra MAX	pt	5.97
<b>HERBICIDES (Con't)</b>			<b>INSECTICIDES (Con't)</b>		
Roundup Ultra Dry	lb	6.14	Capture 2EC	oz	2.59
Roundup WeatherMax	oz	0.35	Centric 40WG	oz	5.04
Scepter 70 DG	oz	2.97	Comite	pt	7.06
Select 2EC	oz	1.35	Confirm 2F	oz	1.48
Sencor 4F	pt	10.13	Counter 15G	lb	2.21

Appendix Table 4. Operating inputs: Estimated prices, Louisiana, 2008.

ITEM	UNIT	PRICE	ITEM	UNIT	PRICE
Sencor DF	lb	14.81	Counter CR	lb	2.86
Squadron CE	pt	4.55	Curacron 8E	pt	9.66
Stam 4E	qt	5.12	Decis 1.5EC	oz	2.84
Stam 80 EDF	lb	4.81	Declare	pt	3.67
Staple 85%	oz	18.97	Denim 0.16EC	pt	26.81
Staple Plus	oz	9.35	Di-Syston 15G	lb	3.35
Steadfast	oz	22.36	Di-Syston 8	pt	13.10
Steel	pt	10.28	Dimethoate 4E	pt	4.69
Storm	pt	9.50	Dimilin 2L	oz	1.64
Strongarm	oz	43.04	Dipel DF	lb	10.56
Superwham	qt	6.56	Dipel ES	pt	4.04
Suprend	lb	10.17	Force 3G	lb	4.54
Surpass 20G	lb	2.36	Furadan 4F	pt	9.13
Surpass EC	qt	19.06	Fury 1.5 EC	oz	1.30
Touchdown	qt	9.32	Gaucho 480	oz	7.30
Touchdown 4 IQ	pt	3.33	Intrepid 2F	oz	1.93
Touchdown Total	qt	8.68	Intruder 70WP	oz	8.00
Treflan HFP	pt	2.35	Karate Z	oz	3.10
Treflan TR-10	lb	0.79	Lannate LV	pt	7.10
Tri-Scept	pt	5.24	Lannate SP	oz	1.41
Trifluralin 4EC	pt	2.23	Larvin 3.2	oz	0.48
Trilin 10G	lb	0.79	Leverage 2.7	oz	3.00
Trilin 4EC	pt	2.12	Lorsban 15G	lb	1.58
Typhoon	qt	13.06	Lorsban 4E	pt	4.40
Valor WP	oz	4.23	Malathion 57EC	pt	2.63
Whip 360	pt	22.99	Malathion 8E	pt	4.68
Zorial Rapid 80DF	lb	13.95	Malathion ULV	pt	4.93
INSECTICIDES			Mepichlor 4.2% Liq	pt	5.91
Acephate 90SP	lb	6.50	Methyl Parathion	pt	4.26
Admire 2 Flowable	oz	4.78	Monitor 4	pt	13.16
Ammo 2.5 EC	oz	0.65	Monitor 4	pt	11.98
Asana .66 XL	oz	0.71	Mustang Max	oz	1.63
Aztec 2.1% G	lb	2.32	Orthene 90S	lb	8.85
Baythroid 2	oz	2.88	Orthene 97	lb	11.81
Bidrin 8L	oz	0.84	Penncap M	pt	11.37
INSECTICIDES (Con't)			SEED/PLANTS (Con't)		
Phaser 3E	qt	8.13	Rice Clearfield 161	lb	0.50
Pounce 25WP	lb	10.48	Rice Clearfield XL8	lb	3.26
Pounce 3.2 EC	oz	0.91	Rice Seed (Levees)	lb	0.26
Provado 1.6F	oz	3.42	Rice Seed CF(Levees)	lb	0.50
Sevin 80S	lb	5.90	Rice Seed Conv.	lb	0.26
Sevin XLR Plus	qt	8.14	Rice Seed Hybrid	lb	3.10
Spintor 2SC	oz	4.71	SC Cultured seedcane	acre	484.00

Appendix Table 4. Operating inputs: Estimated prices, Louisiana, 2008.

ITEM	UNIT	PRICE	ITEM	UNIT	PRICE
Steward	pt	22.28	Sorghum Concept	lb	1.40
Temik 15G Grit	lb	3.20	Sorghum NonConcept	lb	1.18
Thimet 20-G	lb	2.67	Soybean Seed Private	lb	0.38
Thionex 3EC	pt	3.47	Soybean Seed RR	lb	0.66
Thionex 50W	lb	7.99	Wheat Seed Private	lb	0.27
Tracer	oz	6.38	SERVICE FEE		
Trimax	oz	4.13	Cotton Storage	bale	25.00
Vydate C-LV	oz	0.56	Crop Consultant	acre	6.00
Warrior Z	oz	2.20	Insect Scouting	acre	7.00
Warrior ZT	oz	2.16	Rice Consultant	acre	7.00
IRRIGATION SUPPLIES			Survey & Mark Levees	acre	4.00
Rice Gates	each	3.65	Survey & Mark Levees	acre	3.50
Roll-Out Pipe	ft	0.20	TECHNOLOGY FEE		
SEED/PLANTS			BG Cot Tech Fee	thous	0.28
Corn Seed Bt	thous	1.96	BG Cot Tech Fee	cap/ac	19.50
Corn Seed BtRR	thous	2.01	BG II Cot Tech Fee	thous	0.71
Corn Seed Conv.	thous	1.55	BG II Cot Tech Fee	cap/ac	40.00
Corn Seed RR	thous	1.87	BG II/RR Tech Fee	thous	1.38
Cotton Seed Bt	thoud	0.28	BG II/RR Tech Fee	cap/ac	56.00
Cotton Seed BtRR	thous	0.46	BG/RR Cot Tech Fee	thous	1.09
Cotton Seed Conv.	thous	0.39	BG/RR Cot Tech Fee	cap/ac	49.00
Cotton Seed Liberty	thous	0.62	Eradication Fee	acre	6.00
Cotton Seed RR	thous	0.36	RR Cotton Tech Fee	thous	0.62
Cotton Seed RR	thous	0.37	RR Cotton Tech Fee	cap/ac	29.00