
**2007
Projected
Commodity
Costs
And
Returns**

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

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PROJECTED COSTS AND RETURNS
COTTON, SOYBEANS, CORN, MILO AND WHEAT,
RED RIVER AND CENTRAL AREAS, LOUISIANA, 2007

by

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PROJECTED COSTS AND RETURNS COTTON, SOYBEANS, CORN, MILO AND WHEAT, RED RIVER AND CENTRAL AREAS, LOUISIANA, 2007

by

Kenneth W. Paxton¹

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 2007. 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 2007 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.

Cotton Budgets

This report presents cotton budgets showing projected costs and returns for 2007 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 per acre cost of owning and operating a six-row picker are approximately the same as those for a four-row picker (about \$66 per acre). These costs assume that the four-row machine is used on approximately 750 acres while the six-row picker is used on 1,100 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 ~~Ascrap~~ 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.

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 2007. Insecticide programs have been modified to account for BWE program applications.

Storage Charges

Cotton budgets for 2007 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 2007 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 2007 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 2007 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 2007 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 2007 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, 2007

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
DIRECT EXPENSES					
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.21	33.0000	6.93	_____
LA Hired Labor					
Implements	hour	9.60	0.0062	0.06	_____
Tractors	hour	9.60	0.2930	2.81	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
DIESEL FUEL					
Tractors	gal	2.20	2.8274	6.23	_____
Engine, RPF, 75	gal	2.20	8.5535	18.81	_____
REPAIR & MAINTENANCE					
Implements	Acre	0.36	1.0000	0.36	_____
Tractors	Acre	1.04	1.0000	1.04	_____
Well & Pump, Furrow	each	288.00	0.0062	1.80	_____
Engine, RPF, 75	ac-in	0.17	10.5000	1.89	_____
INTEREST ON OP. CAP.	Acre	1.30	1.0000	1.30	_____
TOTAL DIRECT EXPENSES				42.67	_____
FIXED EXPENSES					
Implements	Acre	1.07	1.0000	1.07	_____
Tractors	Acre	7.10	1.0000	7.10	_____
Well & Pump, Furrow	each	974.69	0.0062	6.09	_____
Main Line Pipe	each	627.21	0.0062	3.92	_____
Land Forming (\$240)	each	19.49	1.0000	19.49	_____
Engine, RPF, 75	each	720.29	0.0062	4.50	_____
TOTAL FIXED EXPENSES				42.17	_____
TOTAL SPECIFIED EXPENSES				84.84	_____

Table 2. Estimated costs per Acre Center pivot irrigation system, 1/4 mile, applying 7.5 inches in three applications Louisiana, 2007

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	2.20	11.2011	24.64	_____
REPAIR & MAINTENANCE					
Well & Pump, 1/4 CP	each	288.00	0.0074	2.13	_____
Engine, 1/4 CP, 65	ac-in	0.25	7.5000	1.94	_____
Pivot, 1/4 CP	1320'	880.00	0.0074	6.52	_____
INTEREST ON OP. CAP.	Acre	1.27	1.0000	1.27	_____
TOTAL DIRECT EXPENSES				38.45	_____
FIXED EXPENSES					
Well & Pump, 1/4 CP	each	974.69	0.0074	7.22	_____
Engine, 1/4 CP, 65	each	630.25	0.0074	4.67	_____
Pivot, 1/4 CP	each	3961.61	0.0074	29.35	_____
TOTAL FIXED EXPENSES				41.24	_____
TOTAL SPECIFIED EXPENSES				79.69	_____

Table 3. A summary of projected costs and returns per acre for cotton production, Red River and Central Areas, Louisiana, 2007.^A

Crop Description	Yield per Acre ^B	Unit	Total Income	Total Direct Expenses	Returns Above	Total	Total	Returns Above
					Direct Expenses	Fixed Expenses	Specified Expenses ^C	Specified Expenses
Cotton, 8-row, solid, Conventional	900	Lbs. lint	561.86	485.71	76.15	111.23	596.94	-35.08
Cotton, 8-row, RR, Sandy Soil	900	Lbs. lint	561.86	496.62	65.24	93.21	589.83	-27.97
Cotton, 8-row, BG/RR, Tenant ^D	900	Lbs. lint	449.49	465.67	-16.18	80.31	545.98	-96.49
Cotton, 12-row, BGII/Flex, Tenant ^D	900	Lbs. lint	449.49	469.56	-20.07	84.21	553.77	-104.28
Cotton, 8-row, BG/RR, Irrigated	1200	Lbs. lint	749.15	571.16	177.99	154.69	725.85	23.30

^ACotton lint price of \$0.55 per pound and \$0.05 per pound for cottonseed was used.

^BCottonseed yield (not shown here) is calculated as 1.55 times lint yield.

^CFarm overhead charges are not included in total specified expenses. Land costs are explicitly included (in the form of reduced revenue) for tenant operators.

^DAssumes 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, 2007.

Crop Description	Base Yield	Unit	Yield Levels				
			-20%	-10%	Base	+10%	+20%
Prices required to recover total specified expenses^A							
Cotton, 8-row, solid, Conventional	900	Lbs. lint	0.74	0.66	0.59	0.54	0.49
Cotton, 8-row, RR, Sandy Soil	900	Lbs. lint	0.73	0.65	0.58	0.53	0.49
Cotton, 8-row, BG/RR, Tenant ^B	900	Lbs. lint	0.85	0.76	0.69	0.62	0.57
Cotton, 12-row, BGII/Flex, Tenant ^B	900	Lbs. lint	0.87	0.77	0.70	0.63	0.58
Cotton, 8-row, BG/RR, Irrigated	1200	Lbs. lint	0.66	0.59	0.53	0.48	0.44
Prices required to recover total direct expenses							
Cotton, 8-row, solid	900	Lbs. lint	0.58	0.52	0.47	0.43	0.39
Cotton, 8-row, RR, Sandy Soil	900	Lbs. lint	0.60	0.53	0.48	0.44	0.40
Cotton, 8-row, BG/RR, Tenant ^B	900	Lbs. lint	0.72	0.64	0.57	0.52	0.48
Cotton, 12-row, BGII/Flex, Tenant ^B	900	Lbs. lint	0.72	0.64	0.58	0.53	0.48
Cotton, 8-row, BG/RR, Irrigated	1200	Lbs. lint	0.50	0.45	0.40	0.37	0.34

^ADoes not include land costs or overhead costs

^BTenant-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, 2007.^A

Crop Description	Yield per Acre	Unit	Total Income	Total Direct Expenses	Returns	Total Fixed Expenses	Total Specified Expenses ^B	Returns
					Above Direct Expenses			Above Specified Expenses
Soybeans, 8-row, Owner	40	bu	280.00	110.88	169.12	22.26	133.14	146.86
Soybeans, 8-row, RR, Tenant ^C	40	Bu	210.00	128.25	81.75	21.40	149.65	60.35
Soybeans, 12-row, RR, Tenant ^C	40	Bu	210.00	127.23	82.77	20.79	148.02	61.98
Soybeans, 8-row, Drilled, Tenant ^C	35	Bu	183.75	122.31	61.44	22.88	145.19	38.56

^A Soybean price of \$7.00 per bushel was used.

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

^C 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, 2007.

Crop Description	Base Yield	Unit	Yield Levels					
			-20%	-10%	Base	+10%	+20%	
Prices required to recover total specified expenses^A								
Soybeans, 8-row, Owner	40	bu	4.16	3.70	3.33	3.03	2.77	
Soybeans, 8-row, Roundup Ready	40	bu	6.24	5.54	4.99	4.53	4.16	
Soybeans, 12-row, Tenant ^B	40	bu	6.17	5.48	4.93	4.49	4.11	
Soybeans, 8-row, Drilled, Tenant ^B	35	bu	6.91	6.15	5.53	5.03	4.61	
Prices required to recover total direct expenses								
Soybeans, 8-row, Owner	40	bu	3.47	3.08	2.77	2.52	2.31	
Soybeans, 8-row, Roundup Ready	40	bu	5.34	4.75	4.28	3.89	3.56	
Soybeans, 12-row, Tenant ^B	40	bu	5.30	4.71	4.24	3.86	3.53	
Soybeans, 8-row, Drilled, Tenant ^B	35	bu	5.82	5.18	4.66	4.24	3.88	

^ADoes not include land costs or overhead costs

^BTenant-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, 2007.^A

Crop Description	Yield per Acre	Unit	Total Income	Total Direct Expenses	Returns Above Direct Expenses	Total Fixed Expenses	Total Specified Expenses ^B	Returns Above Specified Expenses
Corn, 8-row, Tenant ^C	160	bu	444.00	293.46	150.54	34.08	327.54	116.46
Milo, 8-row, Tenant ^C	100	bu	296.00	131.34	164.66	32.65	163.99	132.01
Wheat, 8-row, Drilled	60	bu	270.00	99.92	170.08	23.60	123.52	146.48
Wheat & Soybean, Doublecrop	50 + 35	bu	470.00	206.79	263.21	45.35	252.14	217.86

^ACrop prices used were \$3.70 per bushel for corn, \$2.96 per bushel for milo, and \$4.50 per bushel for wheat.

^BFarm overhead expenses not included in total specified expenses. Land costs are explicitly included (in the form of reduced revenue) for tenant operators.

^CAssumes 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, 2007.

Crop Description	Base Yield	Unit	Yield Levels					
			-20%	-10%	Base	+10%	+20%	
Prices required to recover total specified expenses^A								
Corn, 8-row, Tenant ^C	160	bu	3.41	3.03	2.73	2.48	2.27	
Milo, 8-row, Tenant ^C	100	bu	2.05	1.82	1.64	1.49	1.37	
Wheat, 8-row, Drilled	60	bu	2.57	2.29	2.06	1.87	1.72	
Prices required to recover total direct expenses								
Corn, 8-row, Tenant ^C	160	bu	2.29	2.04	1.83	1.67	1.53	
Milo, 8-row, Tenant ^C	100	bu	1.64	1.46	1.31	1.19	1.09	
Wheat, 8-row, Drilled	60	bu	2.08	1.85	1.67	1.51	1.39	

^ADoes not include land costs or overhead costs

^BTenant-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, 2007

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.55	900.0000	496.80	_____
Cotton Seed	lb	0.05	1395.0000	69.75	_____
Cotton Checkoff	bale	2.50	-1.8750	-4.69	_____

TOTAL INCOME				561.86	_____
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	5.43	1.3300	7.22	_____
GIN/DRY					
Gin	lb	0.09	900.0000	81.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.39	90.0000	35.10	_____
LA Phosphate	lb	0.31	40.0000	12.40	_____
LA Potash	lb	0.22	50.0000	11.00	_____
HERBICIDES					
Treflan HFP	pt	2.33	1.0000	2.33	_____
Cotoran 4L	pt	4.79	2.7000	12.93	_____
Staple 85%	oz	18.49	1.2000	22.19	_____
MSMA6 + Surfactant	pt	1.98	1.3300	2.63	_____
Karmex DF	lb	4.11	1.0000	4.11	_____
INSECTICIDES					
Temik 15G Grit	lb	3.11	3.3300	10.36	_____
Ammo 2.5 EC	oz	0.98	3.8800	3.80	_____
Orthene 90S	lb	8.59	0.4400	3.78	_____
Centric 40WG	oz	4.60	2.0000	9.20	_____
Orthene 97	lb	11.61	1.1600	13.47	_____
Baythroid 2	oz	2.70	2.1120	5.70	_____
Tracer	oz	6.33	2.3300	14.75	_____
Karate Z	oz	3.00	2.0000	6.00	_____
SEED/PLANTS					
Cotton Seed Conv.	thous	0.18	52.5000	9.45	_____
TECHNOLOGY FEE					
Eradication Fee	acre	6.00	1.0000	6.00	_____
SERVICE FEE					
Insect Scouting	acre	9.00	1.0000	9.00	_____
ADJUVANTS					
Surfactant	pt	1.39	0.6000	0.83	_____
CUSTOM HARVEST/HAUL					
Haul Cotton	lb	0.02	900.0000	18.00	_____
STORAGE					
Cotton Storage	bale	25.00	1.8750	46.88	_____
OPERATOR LABOR					
Self-Propelled	hour	15.30	0.2577	3.94	_____
HAND LABOR					
Implements	hour	9.60	0.5729	5.50	_____
Self-Propelled	hour	9.60	0.2577	2.47	_____
LA Hired Labor					
Tractors	hour	9.60	1.5211	14.57	_____
DIESEL FUEL					
Tractors	gal	2.10	14.6812	30.83	_____
Self-Propelled	gal	2.10	3.3833	7.11	_____
REPAIR & MAINTENANCE					
Implements	Acre	9.33	1.0000	9.33	_____
Tractors	Acre	5.67	1.0000	5.67	_____
Self-Propelled	Acre	9.52	1.0000	9.52	_____
INTEREST ON OP. CAP.	Acre	14.33	1.0000	14.33	_____

TOTAL DIRECT EXPENSES				485.71	_____
RETURNS ABOVE DIRECT EXPENSES				76.15	_____
FIXED EXPENSES					
Implements	Acre	24.36	1.0000	24.36	_____
Tractors	Acre	42.43	1.0000	42.43	_____
Self-Propelled	Acre	44.44	1.0000	44.44	_____

TOTAL FIXED EXPENSES				111.23	_____

TOTAL SPECIFIED EXPENSES				596.94	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-35.08	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				-65.08	_____

Table9.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, 2007

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Stalk Shredder	14'	2WD 130	0.117	0.10	Nov	0.20	0.19	0.11	0.08	0.01	0.11				0.69
Subsoiler	3 shank	MFWD 190	0.204	1.00	Dec	4.97	5.80	0.27	0.86	0.20	1.96				13.86
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Mar	1.88	2.20	0.70	0.95	0.11	1.12				6.85
LA Nitrogen	lb											90.0000	0.39	35.10	35.10
LA Phosphate	lb											40.0000	0.31	12.40	12.40
LA Potash	lb											50.0000	0.22	11.00	11.00
Disk & Incorporate	32'	MFWD 225	0.064	1.00	Mar	1.83	1.94	0.71	1.52	0.09	0.93				6.93
Treflan HFP	pt											1.0000	2.33	2.33	2.33
Field Cultivate	32'	MFWD 190	0.046	1.00	Apr	1.14	1.32	0.31	1.59	0.04	0.45				4.81
Ditcher		2WD 130	0.020	1.00	Apr	0.33	0.33	0.03	0.06	0.02	0.19				0.94
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Apr	1.80	2.10	0.29	0.92	0.07	0.71				5.82
Row Cond (Plant)	27'	MFWD 190	0.078	1.00	Apr	1.91	2.23	0.19	0.96	0.07	0.75				6.04
Plant & Pre Folding	8R-38	MFWD 170	0.080	1.00	May	1.76	2.16	1.09	2.54	0.16	1.54				9.09
Cotoran 4L	pt											1.2000	4.79	5.75	5.75
Cotton Seed Conv.	thous											52.5000	0.18	9.45	9.45
Temik 15G Grit	lb											3.3300	3.11	10.36	10.36
Cotoran 4L	pt											1.5000	4.79	7.19	7.19
Ammo 2.5 EC	oz											1.2800	0.98	1.25	1.25
Cult & Post	8R-38	MFWD 190	0.086	1.00	May	2.12	2.47	0.51	1.64	0.13	1.25				7.99
Orthene 90S	lb											0.2200	8.59	1.89	1.89
Staple 85%	oz											0.6000	18.49	11.09	11.09
Surfactant	pt											0.2000	1.39	0.28	0.28
Ditcher		2WD 130	0.020	1.00	May	0.33	0.33	0.03	0.06	0.02	0.19				0.94
Cult & Post	8R-38	MFWD 190	0.086	1.00	May	2.12	2.47	0.51	1.64	0.13	1.25				7.99
Staple 85%	oz											0.6000	18.49	11.09	11.09
Surfactant	pt											0.2000	1.39	0.28	0.28
Orthene 90S	lb											0.2200	8.59	1.89	1.89
Cult & Post	8R-38	MFWD 190	0.086	1.00	May	2.12	2.47	0.51	1.64	0.13	1.25				7.99
Centric 40WG	oz											2.0000	4.60	9.20	9.20
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	11.61	3.83	3.83
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	0.98	2.55	2.55
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jul	1.47	1.80	0.25	0.36	0.10	0.96				4.84
Karmex DF	lb											1.0000	4.11	4.11	4.11
Surfactant	pt											0.2000	1.39	0.28	0.28
App by Air (3 gal)	appl				1.00	Jul						1.0000	3.50	3.50	3.50
Baythroid 2	oz											2.1120	2.70	5.70	5.70
Orthene 97	lb											0.3300	11.61	3.83	3.83
App by Air (3 gal)	appl				1.00	Jul						1.0000	3.50	3.50	3.50
Tracer	oz											2.3300	6.33	14.75	14.75
App by Air (3 gal)	appl				1.00	Aug						1.0000	3.50	3.50	3.50
Orthene 97	lb											0.5000	11.61	5.81	5.81
App by Air (3 gal)	appl				1.00	Aug						1.0000	3.50	3.50	3.50
Karate Z	oz											2.0000	3.00	6.00	6.00
Orthene 97	lb												11.61		
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	5.43	7.22	7.22
Cotton Picker-1st-BB	4R38*255hp		0.257	1.00	Sep	16.63	44.44			0.51	6.41				67.48
Module Builder-1st	4R-38 (255)	MFWD 190	0.257	1.00	Sep	6.26	7.31	2.17	5.42	0.51	4.94				26.10
Boll Buggy-1st pick	4R38*255hp	MFWD 190	0.257	1.00	Sep	6.26	7.31	1.65	4.12	0.25	2.47				21.81
Gin	lb				1.00	Nov						900.0000	0.09	81.00	81.00
Insect Scouting	acre				1.00	Nov						1.0000	9.00	9.00	9.00
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						53.13	86.87	9.33	24.36	2.60	26.48			382.44	582.61
INTEREST ON OPERATING CAPITAL															14.33
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															596.94

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, 2007

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.55	900.0000	496.80	_____
Cotton Seed	lb	0.05	1395.0000	69.75	_____
Cotton Checkoff	bale	2.50	-1.8750	-4.69	_____
TOTAL INCOME				561.86	_____
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	5.43	1.3300	7.22	_____
GIN/DRY					
Gin	lb	0.09	900.0000	81.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.39	90.0000	35.10	_____
LA Phosphate	lb	0.31	40.0000	12.40	_____
LA Potash	lb	0.22	50.0000	11.00	_____
HERBICIDES					
Roundup WeatherMax	oz	0.32	88.0000	28.16	_____
Cotoran 4L	pt	4.79	2.7000	12.93	_____
Karmex DF	lb	4.11	1.0000	4.11	_____
INSECTICIDES					
Temik 15G Grit	lb	3.11	3.3300	10.36	_____
Ammo 2.5 EC	oz	0.98	4.2800	4.19	_____
Orthene 90S	lb	8.59	0.2200	1.89	_____
Centric 40WG	oz	4.60	2.0000	9.20	_____
Tracer	oz	6.33	2.1000	13.29	_____
Baythroid 2	oz	2.70	2.1120	5.70	_____
Orthene 97	lb	11.61	0.5000	5.81	_____
Karate Z	oz	3.00	2.0000	6.00	_____
SEED/PLANTS					
Cotton Seed RR	thous	0.37	52.5000	19.43	_____
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					
Insect Scouting	acre	9.00	1.0000	9.00	_____
ADJUVANTS					
Surfactant	pt	1.39	0.2000	0.28	_____
CUSTOM HARVEST/HAUL					
Haul Cotton	lb	0.02	900.0000	18.00	_____
STORAGE					
Cotton Storage	bale	25.00	1.8750	46.88	_____
OPERATOR LABOR					
Self-Propelled	hour	15.30	0.2930	4.48	_____
HAND LABOR					
Implements	hour	9.60	0.4314	4.13	_____
Self-Propelled	hour	9.60	0.2754	2.63	_____
LA Hired Labor					
Tractors	hour	9.60	1.1169	10.72	_____
DIESEL FUEL					
Tractors	gal	2.10	10.4480	21.92	_____
Self-Propelled	gal	2.10	3.5830	7.53	_____
REPAIR & MAINTENANCE					
Implements	Acre	8.28	1.0000	8.28	_____
Tractors	Acre	3.99	1.0000	3.99	_____
Self-Propelled	Acre	9.66	1.0000	9.66	_____
INTEREST ON OP. CAP.	Acre	15.52	1.0000	15.52	_____
TOTAL DIRECT EXPENSES				496.62	_____
RETURNS ABOVE DIRECT EXPENSES				65.24	_____
FIXED EXPENSES					
Implements	Acre	17.73	1.0000	17.73	_____
Tractors	Acre	29.90	1.0000	29.90	_____
Self-Propelled	Acre	45.58	1.0000	45.58	_____
TOTAL FIXED EXPENSES				93.21	_____
TOTAL SPECIFIED EXPENSES				589.83	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-27.97	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				-57.97	_____

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, 2007

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	2.28	2.43	0.89	1.92	0.08	0.78				8.30
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	0.50	Feb	0.90	1.05	0.14	0.46	0.03	0.36				2.91
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Mar	1.88	2.20	0.70	0.95	0.11	1.12				6.85
LA Nitrogen	lb											90.0000	0.39	35.10	35.10
LA Phosphate	lb											40.0000	0.31	12.40	12.40
LA Potash	lb											50.0000	0.22	11.00	11.00
Sprayer (300-450Gal)	60'		0.017	1.00	Apr	0.28	0.57			0.02	0.35				1.20
Roundup WeatherMax	oz											22.0000	0.32	7.04	7.04
Row Cond (Plant)	27'	MFWD 190	0.078	1.00	Apr	1.91	2.23	0.19	0.96	0.07	0.75				6.04
Plant & Pre Folding	8R-38	MFWD 170	0.080	1.00	Apr	1.76	2.16	1.09	2.54	0.16	1.54				9.09
Cotoran 4L	pt											1.2000	4.79	5.75	5.75
Cotton Seed RR	thous											52.5000	0.37	19.43	19.43
Temik 15G Grit	lb											3.3300	3.11	10.36	10.36
Cotoran 4L	pt											1.5000	4.79	7.19	7.19
Ammo 2.5 EC	oz											1.2800	0.98	1.25	1.25
RR Cotton Tech Fee	cap/ac											1.0000	29.00	29.00	29.00
Ditcher		2WD 130	0.020	1.00	Apr	0.33	0.33	0.03	0.06	0.02	0.19				0.94
Sprayer (300-450Gal)	60'		0.017	1.00	May	0.28	0.57			0.02	0.35				1.20
Orthene 90S	lb											0.2200	8.59	1.89	1.89
Roundup WeatherMax	oz											22.0000	0.32	7.04	7.04
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	0.93	1.14	0.11	0.16	0.06	0.61				2.95
Roundup WeatherMax	oz											22.0000	0.32	7.04	7.04
Centric 40WG	oz											2.0000	4.60	9.20	9.20
App by Air (3 gal)	appl			1.00	Jun							1.0000	3.50	3.50	3.50
Tracer	oz											2.1000	6.33	13.29	13.29
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	1.47	1.80	0.25	0.36	0.10	0.96				4.84
Kaxmex DF	lb											1.0000	4.11	4.11	4.11
Surfactant	pt											0.2000	1.39	0.28	0.28
Roundup WeatherMax	oz											22.0000	0.32	7.04	7.04
App by Air (3 gal)	appl			1.00	Jul							1.0000	3.50	3.50	3.50
Baythroid 2	oz											2.1120	2.70	5.70	5.70
App by Air (3 gal)	appl			1.00	Jul							1.0000	3.50	3.50	3.50
Ammo 2.5 EC	oz											3.0000	0.98	2.94	2.94
App by Air (3 gal)	appl			1.00	Aug							1.0000	3.50	3.50	3.50
Orthene 97	lb											0.5000	11.61	5.81	5.81
App by Air (3 gal)	appl			1.00	Aug							1.0000	3.50	3.50	3.50
Karate Z	oz											2.0000	3.00	6.00	6.00
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	5.43	7.22	7.22
Cotton Picker-1st-BB	4R38*255hp		0.257	1.00	Sep	16.63	44.44			0.51	6.41				67.48
Module Builder-1st	4R-38(255)	MFWD 190	0.257	1.00	Sep	6.26	7.31	2.17	5.42	0.51	4.94				26.10
Boll Buggy-1st pick	4R38*255hp	MFWD 190	0.257	1.00	Sep	6.26	7.31	1.65	4.12	0.25	2.47				21.81
Stalk Shredder	14"	2WD 130	0.117	1.00	Nov	1.93	1.94	1.06	0.78	0.11	1.13				6.84
Gin	lb			1.00	Nov							90.0000	0.09	81.00	81.00
Insect Scouting	acre			1.00	Nov							1.0000	9.00	9.00	9.00
Haul Cotton	lb			1.00	Nov							90.0000	0.02	18.00	18.00
Cotton Storage	bale			1.00	Nov							1.8750	25.00	46.88	46.88
TOTALS						43.10	75.48	8.28	17.73	2.11	21.96			407.76	574.31
INTEREST ON OPERATING CAPITAL															15.52
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															589.83

Table 11.A Estimated costs and returns per Acre, RR/Bt Cotton
Sandy Soil, 8-Row Equip, Solid Plant, Tenant-Operator,
Red River and Central Areas, Louisiana, 2007

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.55	900.0000	496.80	_____
Cotton Seed	lb	0.05	1395.0000	69.75	_____
Cotton Checkoff	bale	2.50	-1.5000	-3.75	_____
Lint Share Rent	lbs	0.55	-180.0000	-99.36	_____
Seed Share Rent	lbs	0.05	-279.0000	-13.95	_____
TOTAL INCOME				449.49	_____
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	_____
GIN/DRY					
Gin	lb	0.09	720.0000	64.80	_____
FERTILIZERS					
LA Nitrogen	lb	0.39	90.0000	35.10	_____
LA Phosphate	lb	0.31	40.0000	12.40	_____
LA Potash	lb	0.22	50.0000	11.00	_____
HERBICIDES					
Roundup WeatherMax	oz	0.32	77.0000	24.64	_____
2,4-D Amine 4	pt	1.66	1.0000	1.66	_____
Cotoran 4L	pt	4.79	1.2000	5.75	_____
Dual II Magnum	pt	13.55	1.0000	13.55	_____
Fusilade DX	oz	1.11	4.8000	5.33	_____
INSECTICIDES					
Temik 15G Grit	lb	3.11	3.3300	10.36	_____
Ammo 2.5 EC	oz	0.98	1.2800	1.25	_____
Bidrin 8L	oz	0.81	3.2000	2.59	_____
Orthene 90S	lb	8.59	1.1000	9.45	_____
Centric 40WG	oz	4.60	2.0000	9.20	_____
Karate Z	oz	3.00	4.2600	12.78	_____
Penncap M	pt	3.48	1.5000	5.22	_____
SEED/PLANTS					
Cotton Seed BtRR	thous	0.44	52.5000	23.10	_____
TECHNOLOGY FEE					
BG/RR Cot Tech Fee	cap/ac	49.00	1.0000	49.00	_____
GROWTH REGULATORS					
Pix Plus	oz	0.47	6.0000	2.82	_____
SERVICE FEE					
Insect Scouting	acre	9.00	1.0000	9.00	_____
ADJUVANTS					
Crop Oil (Seed Oil)	pt	2.12	0.3000	0.64	_____
CUSTOM HARVEST/HAUL					
Haul Cotton	lb	0.02	720.0000	14.40	_____
STORAGE					
Cotton Storage	bale	25.00	1.5000	37.50	_____
OPERATOR LABOR					
Self-Propelled	hour	15.30	0.2842	4.34	_____
HAND LABOR					
Implements	hour	9.60	0.3261	3.12	_____
Self-Propelled	hour	9.60	0.2710	2.59	_____
LA Hired Labor					
Tractors	hour	9.60	0.8798	8.45	_____
DIESEL FUEL					
Tractors	gal	2.10	7.7206	16.18	_____
Self-Propelled	gal	2.10	3.6556	7.68	_____
REPAIR & MAINTENANCE					
Implements	Acre	6.39	1.0000	6.39	_____
Tractors	Acre	3.04	1.0000	3.04	_____
Self-Propelled	Acre	9.72	1.0000	9.72	_____
INTEREST ON OP. CAP.	Acre	15.32	1.0000	15.32	_____
TOTAL DIRECT EXPENSES				465.67	_____
RETURNS ABOVE DIRECT EXPENSES				-16.18	_____
FIXED EXPENSES					
Implements	Acre	11.85	1.0000	11.85	_____
Tractors	Acre	22.49	1.0000	22.49	_____
Self-Propelled	Acre	45.97	1.0000	45.97	_____
TOTAL FIXED EXPENSES				80.31	_____
TOTAL SPECIFIED EXPENSES				545.98	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-96.49	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				-126.49	_____

Table 11.B Estimated costs and returns per Acre, RR/Bt Cotton
Sandy Soil, 8-Row Equip, Solid Plant, Tenant-Operator,
Red River and Central Areas, Louisiana, 2007

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	2.28	2.43	0.89	1.92	0.08	0.78				8.30
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Mar	0.93	1.14	0.11	0.16	0.06	0.61				2.95
Roundup WeatherMax	oz											22.0000	0.32	7.04	7.04
2,4-D Amine 4	pt											1.0000	1.66	1.66	1.66
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	0.50	Apr	0.90	1.05	0.14	0.46	0.03	0.36				2.91
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	1.88	2.20	0.70	0.95	0.11	1.12				6.85
LA Nitrogen	lb											90.0000	0.39	35.10	35.10
LA Phosphate	lb											40.0000	0.31	12.40	12.40
LA Potash	lb											50.0000	0.22	11.00	11.00
Row Cond (Plant)	27'	MFWD 190	0.078	1.00	Apr	1.91	2.23	0.19	0.96	0.07	0.75				6.04
Ditcher		2WD 130	0.020	1.00	Apr	0.33	0.33	0.03	0.06	0.02	0.19				0.94
Plant & Pre Folding	8R-38	MFWD 170	0.080	1.00	Apr	1.76	2.16	1.09	2.54	0.16	1.54				9.09
Cotoran 4L	pt											1.2000	4.79	5.75	5.75
Cotton Seed BTRR	thous											52.5000	0.44	23.10	23.10
Temik 15G Grit	lb											3.3300	3.11	10.36	10.36
BG/RR Cot Tech Fee	cap/ac											1.0000	49.00	49.00	49.00
Ammo 2.5 EC	oz											1.2800	0.98	1.25	1.25
Spray (Direct/Hood)	8R-38	MFWD 170	0.066	1.00	May	1.47	1.80	0.43	0.63	0.10	0.96				5.29
Roundup WeatherMax	oz											22.0000	0.32	7.04	7.04
Bidrin 8L	oz											1.6000	0.81	1.30	1.30
Dual II Magnum	pt											1.0000	13.55	13.55	13.55
Spray (Direct/Hood)	8R-38	MFWD 150	0.066	1.00	Jun	1.29	1.51	0.43	0.63	0.10	0.96				4.82
Roundup WeatherMax	oz											22.0000	0.32	7.04	7.04
Orthene 90S	lb											0.5500	8.59	4.72	4.72
Spray (Direct/Hood)	8R-38	MFWD 150	0.066	1.00	Jun	1.29	1.51	0.43	0.63	0.10	0.96				4.82
Bladex 4L	qt											0.5000			
Centric 40WG	oz											2.0000	4.60	9.20	9.20
Sprayer (600-750Gal)	60'		0.017	0.50	Jun	0.26	0.51			0.01	0.17				0.94
Roundup WeatherMax	oz											11.0000	0.32	3.52	3.52
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jul	0.93	1.14	0.11	0.16	0.06	0.61				2.95
Fusilade DX	oz											4.8000	1.11	5.33	5.33
Crop Oil (Seed Oil)	pt											0.3000	2.12	0.64	0.64
Sprayer (600-750Gal)	60'		0.017	1.00	Jul	0.51	1.02			0.02	0.35				1.88
Karate Z	oz											2.1300	3.00	6.39	6.39
Pix Plus	oz											4.0000	0.47	1.88	1.88
App by Air (3 gal)	appl			1.00	Aug							1.0000	3.50	3.50	3.50
Karate Z	oz											2.1300	3.00	6.39	6.39
Penncap M	pt											0.5000	3.48	1.74	1.74
App by Air (3 gal)	appl			1.00	Aug							1.0000	3.50	3.50	3.50
Bidrin 8L	oz											1.6000	0.81	1.30	1.30
Pix Plus	oz											2.0000	0.47	0.94	0.94
App by Air (3 gal)	appl			1.00	Sep							1.0000	3.50	3.50	3.50
Penncap M	pt											0.5000	3.48	1.74	1.74
Orthene 90S	lb											0.5500	8.59	4.72	4.72
App by Air (3 gal)	appl			1.00	Sep							1.0000	3.50	3.50	3.50
Penncap M	pt											0.5000	3.48	1.74	1.74
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	16.63	44.44			0.51	6.41				67.48
Boll Buggy-1st pick	4R2x1260hp	MFWD 150	0.172	0.22	Oct	0.73	0.86	0.24	0.61	0.03	0.36				2.80
Module Builder-1st	4R-38(255)	MFWD 150	0.257	0.25	Nov	1.24	1.46	0.54	1.36	0.12	1.24				5.84
Gin	lb			1.00	Nov							720.0000	0.09	64.80	64.80
Insect Scouting	acre			1.00	Nov							1.0000	9.00	9.00	9.00
Stalk Shredder	14'	MFWD 150	0.117	1.00	Nov	2.28	2.67	1.06	0.78	0.11	1.13				7.92
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						36.62	68.46	6.39	11.85	1.76	18.50			388.84	530.66
INTEREST ON OPERATING CAPITAL															15.32
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															545.98

Table 12.A Estimated costs and returns per Acre, BGII/Flex Cotton, Sandy Soil, 12-Row Equipment, Solid Plant, Tenant-Operator, Red River and Central Areas, Louisiana, 2007

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.55	900.0000	496.80	_____
Cotton Seed	lb	0.05	1395.0000	69.75	_____
Cotton Checkoff	bale	2.50	-1.5000	-3.75	_____
Lint Share Rent	lbs	0.55	-180.0000	-99.36	_____
Seed Share Rent	lbs	0.05	-279.0000	-13.95	_____
TOTAL INCOME				449.49	_____
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	5.43	1.3300	7.22	_____
GIN/DRY					
Gin	lb	0.09	720.0000	64.80	_____
FERTILIZERS					
LA Nitrogen	lb	0.39	90.0000	35.10	_____
LA Phosphate	lb	0.31	40.0000	12.40	_____
LA Potash	lb	0.22	50.0000	11.00	_____
HERBICIDES					
Roundup WeatherMax	oz	0.32	88.0000	28.16	_____
2,4-D Amine 4	pt	1.66	2.0000	3.32	_____
Cotoran 4L	pt	4.79	1.2000	5.75	_____
Karmex DF	lb	4.11	1.0000	4.11	_____
INSECTICIDES					
Temik 15G Grit	lb	3.11	3.3300	10.36	_____
Ammo 2.5 EC	oz	0.98	1.2800	1.25	_____
Orthene 90S	lb	8.59	0.2200	1.89	_____
Centric 40WG	oz	4.60	2.0000	9.20	_____
Baythroid 2	oz	2.70	2.1120	5.70	_____
Orthene 97	lb	11.61	0.5000	5.81	_____
Tracer	oz	6.33	2.1000	13.29	_____
Karate Z	oz	3.00	2.0000	6.00	_____
SEED/PLANTS					
Cotton Seed BtRR	thous	0.44	52.5000	23.10	_____
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					
Insect Scouting	acre	9.00	1.0000	9.00	_____
ADJUVANTS					
Surfactant	pt	1.39	0.2000	0.28	_____
CUSTOM HARVEST/HAUL					
Haul Cotton	lb	0.02	720.0000	14.40	_____
STORAGE					
Cotton Storage	bale	25.00	1.5000	37.50	_____
OPERATOR LABOR					
Self-Propelled	hour	15.30	0.2428	3.72	_____
HAND LABOR					
Implements	hour	9.60	0.2738	2.62	_____
Self-Propelled	hour	9.60	0.2075	1.97	_____
LA Hired Labor					
Tractors	hour	9.60	0.7238	6.95	_____
DIESEL FUEL					
Tractors	gal	2.10	7.1238	14.97	_____
Self-Propelled	gal	2.10	3.6526	7.67	_____
REPAIR & MAINTENANCE					
Implements	Acre	6.86	1.0000	6.86	_____
Tractors	Acre	2.69	1.0000	2.69	_____
Self-Propelled	Acre	10.37	1.0000	10.37	_____
INTEREST ON OP. CAP.	Acre	16.30	1.0000	16.30	_____
TOTAL DIRECT EXPENSES				469.56	_____
RETURNS ABOVE DIRECT EXPENSES				-20.07	_____
FIXED EXPENSES					
Implements	Acre	14.09	1.0000	14.09	_____
Tractors	Acre	20.09	1.0000	20.09	_____
Self-Propelled	Acre	50.03	1.0000	50.03	_____
TOTAL FIXED EXPENSES				84.21	_____
TOTAL SPECIFIED EXPENSES				553.77	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				-104.28	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				-134.28	_____

Table 12.B Estimated costs and returns per Acre, BGII/Flex Cotton, Sandy Soil, 12-Row Equipment, Solid Plant, Tenant-Operator, Red River and Central Areas, Louisiana, 2007

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	1.53	1.62	0.79	1.71	0.05	0.52				6.17
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	1.00	Mar	1.47	1.56	0.57	0.78	0.07	0.75				5.13
LA Nitrogen	lb											90.0000	0.39	35.10	35.10
LA Phosphate	lb											40.0000	0.31	12.40	12.40
LA Potash	lb											50.0000	0.22	11.00	11.00
Sprayer (600-750Gal)	60'		0.017	1.00	Apr	0.51	1.02			0.02	0.35				1.88
Roundup WeatherMax	oz											22.0000	0.32	7.04	7.04
2,4-D Amine 4	pt											2.0000	1.66	3.32	3.32
Disk Bed (Hipper)	12R-38	MFWD 225	0.049	0.50	Apr	0.70	0.74	0.15	0.47	0.02	0.24				2.30
Row Cond (Plant)	42'	MFWD 225	0.048	1.00	Apr	1.37	1.47	0.19	0.97	0.04	0.47				4.47
Plant & Pre Folding	12R-38	MFWD 190	0.053	1.00	Apr	1.30	1.52	1.00	2.34	0.10	1.02				7.18
Cotoran 4L	pt											1.2000	4.79	5.75	5.75
Cotton Seed BTRR	thous											52.5000	0.44	23.10	23.10
Temik 15G Grit	lb											3.3300	3.11	10.36	10.36
Ammo 2.5 EC	oz											1.2800	0.98	1.25	1.25
BG II/RR Tech Fee	cap/ac											1.0000	56.00	56.00	56.00
Ditcher		2WD 130	0.020	1.00	Apr	0.33	0.33	0.03	0.06	0.02	0.19				0.94
Sprayer (600-750Gal)	60'		0.017	1.00	May	0.51	1.02			0.02	0.35				1.88
Orthene 90S	lb											0.2200	8.59	1.89	1.89
Roundup WeatherMax	oz											22.0000	0.32	7.04	7.04
Sprayer (600-750Gal)	60'		0.017	1.00	May	0.51	1.02			0.02	0.35				1.88
Roundup WeatherMax	oz											22.0000	0.32	7.04	7.04
Sprayer (600-750Gal)	60'		0.017	1.00	Jun	0.51	1.02			0.02	0.35				1.88
Centric 40WG	oz											2.0000	4.60	9.20	9.20
Roundup WeatherMax	oz											22.0000	0.32	7.04	7.04
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	0.98	1.20	0.29	0.42	0.06	0.64				3.53
Karmex DF	lb											1.0000	4.11	4.11	4.11
Surfactant	pt											0.2000	1.39	0.28	0.28
App by Air (3 gal)	appl			1.00	Jul							1.0000	3.50	3.50	3.50
Baythroid 2	oz											2.1120	2.70	5.70	5.70
App by Air (3 gal)	appl			1.00	Aug							1.0000	3.50	3.50	3.50
Orthene 97	lb											0.5000	11.61	5.81	5.81
Tracer	oz											2.1000	6.33	13.29	13.29
App by Air (3 gal)	appl			1.00	Aug							1.0000	3.50	3.50	3.50
Karate Z	oz											2.0000	3.00	6.00	6.00
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	5.43	7.22	7.22
Cotton Picker-1st-BB	6R38*330hp		0.172	1.00	Sep	16.00	45.95			0.34	4.29				66.24
Module Builder-1st	6R-38(325)	MFWD 190	0.172	1.00	Sep	4.19	4.89	1.45	3.63	0.34	3.30				17.46
Boll Buggy-1st pick	6R38*325hp	MFWD 190	0.172	1.00	Sep	4.19	4.89	1.10	2.76	0.17	1.65				14.59
Cotton Storage	bale			1.00	Oct							1.5000	25.00	37.50	37.50
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Nov	1.60	1.87	1.29	0.95	0.08	0.79				6.50
Gin	lb			1.00	Nov							720.0000	0.09	64.80	64.80
Insect Scouting	acre			1.00	Nov							1.0000	9.00	9.00	9.00
Haul Cotton	lb			1.00	Nov							720.0000	0.02	14.40	14.40
TOTALS						35.70	70.12	6.86	14.09	1.44	15.26			395.44	537.47
INTEREST ON OPERATING CAPITAL															16.30
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															553.77

Table 13.A Estimated costs and returns per Acre
 Cotton, Poly Pipe Irr., Sandy Soil, 8-Row Equip.,
 Owner-Operator, Red River and Central Areas, Louisiana, 2007

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Cotton Lint	lb	0.55	1200.0000	662.40	_____
Cotton Seed	lb	0.05	1860.0000	93.00	_____
Cotton Checkoff	bale	2.50	-2.5000	-6.25	_____

TOTAL INCOME				749.15	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (2 gal)	appl	3.00	4.0000	12.00	_____
App by Air (5 gal)	appl	4.50	1.0000	4.50	_____
HARVEST AIDS					
Def/Folex	pt	6.72	0.7500	5.04	_____
Dropp 50 WP	lb	44.00	0.1500	6.60	_____
GIN/DRY					
Gin	lb	0.09	1200.0000	108.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.39	90.0000	35.10	_____
LA Phosphate	lb	0.31	40.0000	12.40	_____
LA Potash	lb	0.22	50.0000	11.00	_____
HERBICIDES					
Roundup Ultra MAX	pt	5.97	2.0000	11.94	_____
Caparol 4L	pt	3.74	0.6000	2.24	_____
Fusilade DX	oz	1.11	3.2000	3.55	_____
INSECTICIDES					
Temik 15G Grit	lb	3.11	3.3300	10.36	_____
Ammo 2.5 EC	oz	0.98	1.2500	1.23	_____
Bidrin 8L	oz	0.81	3.2000	2.59	_____
Karate Z	oz	3.00	2.1300	6.39	_____
Tracer	oz	6.33	2.3300	14.75	_____
Orthene 97	lb	11.61	1.0000	11.61	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
SEED/PLANTS					
Cotton Seed BTRR	thous	0.44	50.0000	22.00	_____
TECHNOLOGY FEE					
BG/RR Cot Tech Fee	cap/ac	49.00	1.0000	49.00	_____
Eradication Fee	acre	6.00	1.0000	6.00	_____
GROWTH REGULATORS					
Pix Plus	oz	0.47	8.0000	3.76	_____
SERVICE FEE					
Insect Scouting	acre	9.00	1.0000	9.00	_____
ADJUVANTS					
Crop Oil (Seed Oil)	pt	2.12	0.2000	0.42	_____
CUSTOM HARVEST/HAUL					
Haul Cotton	lb	0.02	1200.0000	24.00	_____
STORAGE					
Cotton Storage	bale	25.00	2.5000	62.50	_____
OPERATOR LABOR					
Self-Propelled	hour	15.30	0.2577	3.94	_____
IRRIGATION LABOR					
Implements	hour	9.60	0.0062	0.06	_____
HAND LABOR					
Implements	hour	9.60	0.5160	4.94	_____
Self-Propelled	hour	9.60	0.2577	2.47	_____
LA Hired Labor					
Tractors	hour	9.60	1.5420	14.79	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
DIESEL FUEL					
Tractors	gal	2.10	14.5941	30.61	_____
Self-Propelled	gal	2.10	3.3833	7.11	_____
Roll-Out Pipe Irr.	gal	2.10	8.5535	17.97	_____
REPAIR & MAINTENANCE					
Implements	Acre	9.69	1.0000	9.69	_____
Tractors	Acre	5.65	1.0000	5.65	_____
Self-Propelled	Acre	9.52	1.0000	9.52	_____
Roll-Out Pipe Irr.	Acre	4.37	1.0000	4.37	_____
INTEREST ON OP. CAP.				16.00	_____
TOTAL DIRECT EXPENSES				571.16	_____
RETURNS ABOVE DIRECT EXPENSES				177.99	_____
FIXED EXPENSES					
Implements	Acre	19.92	1.0000	19.92	_____
Tractors	Acre	42.40	1.0000	42.40	_____
Self-Propelled	Acre	44.44	1.0000	44.44	_____
Roll-Out Pipe Irr.	Acre	47.93	1.0000	47.93	_____
TOTAL FIXED EXPENSES				154.69	_____
TOTAL SPECIFIED EXPENSES				725.85	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				23.30	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				-6.70	_____

Table 13.B Estimated resource use and costs for field operations, per Acre
 Cotton, Poly Pipe Irr., Sandy Soil, 8-Row Equip.,
 Owner-Operator, Red River and Central Areas, Louisiana, 2007

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	2.28	2.43	0.89	1.92	0.08	0.78				8.30
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	1.88	2.20	0.70	0.95	0.11	1.12				6.85
LA Nitrogen	lb											20.0000	0.39	7.80	7.80
LA Phosphate	lb											40.0000	0.31	12.40	12.40
LA Potash	lb											50.0000	0.22	11.00	11.00
Row Cond (Plant)	27'	MFWD 190	0.078	1.00	Apr	1.91	2.23	0.19	0.96	0.07	0.75				6.04
Ditcher		2WD 130	0.020	1.00	Apr	0.33	0.33	0.03	0.06	0.02	0.19				0.94
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	Apr	1.76	2.16	0.82	1.93	0.16	1.54				8.21
EG/RR Cot Tech Fee	cap/ac											1.0000	49.00	49.00	49.00
Cotton Seed BtRR	thous											50.0000	0.44	22.00	22.00
Temik 15G Grit	lb											3.3300	3.11	10.36	10.36
Ammo 2.5 EC	oz											1.2500	0.98	1.23	1.23
Spray (Direct/Hood)	8R-38	MFWD 170	0.066	1.00	May	1.47	1.80	0.43	0.63	0.10	0.96				5.29
Bidrin 8L	oz											1.6000	0.81	1.30	1.30
Roundup Ultra MAX	pt											2.0000	5.97	11.94	11.94
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	May	1.88	2.20	0.70	0.95	0.11	1.12				6.85
LA Nitrogen	lb											70.0000	0.39	27.30	27.30
Spray (Direct/Hood)	8R-38	MFWD 170	0.066	1.00	May	1.47	1.80	0.43	0.63	0.10	0.96				5.29
Bidrin 8L	oz											1.6000	0.81	1.30	1.30
Caparol 4L	pt											0.6000	3.74	2.24	2.24
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jun	1.47	1.80	0.25	0.36	0.10	0.96				4.84
Fusilade DX	oz											3.2000	1.11	3.55	3.55
Crop Oil (Seed Oil)	pt											0.2000	2.12	0.42	0.42
Eradication Fee	acre				1.00	Jul						1.0000	6.00	6.00	6.00
App by Air (2 gal)	appl				1.00	Jul						1.0000	3.00	3.00	3.00
Karate Z	oz											2.1300	3.00	6.39	6.39
App by Air (2 gal)	appl				1.00	Jul						1.0000	3.00	3.00	3.00
Tracer	oz											2.3300	6.33	14.75	14.75
App by Air (2 gal)	appl				1.00	Jul						1.0000	3.00	3.00	3.00
Pix Plus	oz											2.0000	0.47	0.94	0.94
Orthene 97	lb											0.5000	11.61	5.81	5.81
App by Air (2 gal)	appl				1.00	Aug						1.0000	3.00	3.00	3.00
Orthene 97	lb											0.5000	11.61	5.81	5.81
Pix Plus	oz											6.0000	0.47	2.82	2.82
App by Air (5 gal)	appl				1.00	Aug						1.0000	4.50	4.50	4.50
Def/Folex	pt											0.7500	6.72	5.04	5.04
Dropp 50 WP	lb											0.1500	44.00	6.60	6.60
Module Builder-1st	4R-38(255)	MFWD 190	0.257	1.00	Sep	6.26	7.31	2.17	5.42	0.51	4.94				26.10
Cotton Picker-1st-BB	4R38"255hp		0.257	1.00	Sep	16.63	44.44			0.51	6.41				67.48
Boll Buggy-1st pick	4R38"255hp	MFWD 190	0.257	1.00	Sep	6.26	7.31	1.65	4.12	0.25	2.47				21.81
Stalk Shredder	14'	MFWD 150	0.117	1.00	Nov	2.28	2.67	1.06	0.78	0.11	1.13				7.92
Gin	lb				1.00	Nov						1200.0000	0.09	108.00	108.00
Insect Scouting	acre				1.00	Nov						1.0000	9.00	9.00	9.00
Haul Cotton	lb				1.00	Nov						1200.0000	0.02	24.00	24.00
Cotton Storage	bale				1.00	Nov						2.5000	25.00	62.50	62.50
Roll-Out Pipe Irr.	Acre				May	7.01	8.16	22.71	49.14	0.44	4.31	1.0000		6.60	97.93
TOTALS						52.89	86.84	32.03	67.85	2.72	27.64			442.60	709.85
INTEREST ON OPERATING CAPITAL															16.00
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															725.85

Table 14.A Estimated costs and returns per Acre
 Soybeans, Stale Seedbed, 8- 38"Row Equipment
 Owner-Operator, Red River and Central Areas, Louisiana, 2007

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	7.00	40.0000	280.00	_____
TOTAL INCOME				280.00	_____
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	13.70	0.3300	4.52	_____
Dual II Magnum	pt	13.55	1.5000	20.33	_____
Sencor 4F	pt	10.25	0.7500	7.69	_____
INSECTICIDES					
Karate Z	oz	3.00	3.6000	10.80	_____
SEED/PLANTS					
Soybean Seed Private	lb	0.38	50.0000	19.00	_____
ADJUVANTS					
Surfactant	pt	1.39	0.3000	0.42	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.16	40.0000	6.40	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
HAND LABOR					
Implements	hour	9.60	0.1137	1.09	_____
LA Hired Labor					
Tractors	hour	9.60	0.3398	3.25	_____
DIESEL FUEL					
Tractors	gal	2.10	3.0486	6.39	_____
Harvesters	gal	2.10	1.2047	2.53	_____
REPAIR & MAINTENANCE					
Implements	Acre	2.35	1.0000	2.35	_____
Tractors	Acre	1.21	1.0000	1.21	_____
Harvesters	Acre	1.66	1.0000	1.66	_____
INTEREST ON OP. CAP.	Acre	4.47	1.0000	4.47	_____
TOTAL DIRECT EXPENSES				110.88	_____
RETURNS ABOVE DIRECT EXPENSES				169.12	_____
FIXED EXPENSES					
Implements	Acre	5.57	1.0000	5.57	_____
Tractors	Acre	8.95	1.0000	8.95	_____
Harvesters	Acre	7.74	1.0000	7.74	_____
TOTAL FIXED EXPENSES				22.26	_____
TOTAL SPECIFIED EXPENSES				133.14	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				146.86	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				116.86	_____

Table 14.B Estimated resource use and costs for field operations, per Acre
 Soybeans, Stale Seedbed, 8- 38"Row Equipment
 Owner-Operator, Red River and Central Areas, Louisiana, 2007

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Oct	1.80	2.10	0.29	0.92	0.07	0.71				5.82
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	13.70	4.52	4.52
Surfactant	pt											0.2000	1.39	0.28	0.28
Row Cond (Plant)	27'	MFWD 190	0.078	1.00	May	1.91	2.23	0.19	0.96	0.07	0.75				6.04
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	May	1.76	2.16	0.82	1.93	0.16	1.54				8.21
Soybean Seed Private	lb											50.0000	0.38	19.00	19.00
Dual II Magnum	pt											1.5000	13.55	20.33	20.33
Ditcher		2WD 130	0.020	1.00	May	0.33	0.33	0.03	0.06	0.02	0.19				0.94
Ditcher		2WD 130	0.020	1.00	Jun	0.33	0.33	0.03	0.06	0.02	0.19				0.94
Spray (Direct/Hood)	8R-38	MFWD 170	0.066	1.00	Jun	1.47	1.80	0.43	0.63	0.10	0.96				5.29
Sencor 4F	pt											0.7500	10.25	7.69	7.69
Surfactant	pt											0.1000	1.39	0.14	0.14
App by Air (3 gal)	appl			1.00	Jul							1.0000	3.50	3.50	3.50
Karate Z	oz											2.0000	3.00	6.00	6.00
App by Air (3 gal)	appl			1.00	Aug							1.0000	3.50	3.50	3.50
Karate Z	oz											1.6000	3.00	4.80	4.80
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	4.19	7.74	0.56	1.01	0.08	1.30				14.80
Haul Soybeans	bu			1.00	Oct							40.0000	0.16	6.40	6.40
TOTALS						11.79	16.69	2.35	5.57	0.53	5.64			86.63	128.67
INTEREST ON OPERATING CAPITAL															4.47
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															133.14

Table 15.A Estimated costs and returns per Acre
 RR Soybeans, Stale Seedbed, 8- 38" Row Equipment
 Tenant-Operator, Red River and Central Areas, Louisiana, 2007

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	7.00	40.0000	280.00	_____
LA Soybean share	bu	7.00	-10.0000	-70.00	_____

TOTAL INCOME				210.00	_____
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	0.32	66.0000	21.12	_____
Harmony Extra	oz	13.70	0.3300	4.52	_____
Dual II Magnum	pt	13.55	1.5000	20.33	_____
INSECTICIDES					
Karate Z	oz	3.00	3.1000	9.30	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.64	50.0000	32.00	_____
ADJUVANTS					
Surfactant	pt	1.39	0.2000	0.28	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.16	30.0000	4.80	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
HAND LABOR					
Implements	hour	9.60	0.1168	1.12	_____
LA Hired Labor					
Tractors	hour	9.60	0.3318	3.19	_____
DIESEL FUEL					
Tractors	gal	2.10	3.0198	6.34	_____
Harvesters	gal	2.10	1.2047	2.53	_____
REPAIR & MAINTENANCE					
Implements	Acre	1.90	1.0000	1.90	_____
Tractors	Acre	1.20	1.0000	1.20	_____
Harvesters	Acre	1.66	1.0000	1.66	_____
INTEREST ON OP. CAP.	Acre	5.16	1.0000	5.16	_____

TOTAL DIRECT EXPENSES				128.25	_____
RETURNS ABOVE DIRECT EXPENSES				81.75	_____
FIXED EXPENSES					
Implements	Acre	4.71	1.0000	4.71	_____
Tractors	Acre	8.95	1.0000	8.95	_____
Harvesters	Acre	7.74	1.0000	7.74	_____

TOTAL FIXED EXPENSES				21.40	_____

TOTAL SPECIFIED EXPENSES				149.65	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				60.35	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				30.35	_____

Table 15.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, 2007

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Oct	1.80	2.10	0.29	0.92	0.07	0.71				5.82
App by Air (5 gal)	appl			1.00	May							1.0000	4.50	4.50	4.50
Roundup WeatherMax	oz											22.0000	0.32	7.04	7.04
Harmony Extra	oz											0.3300	13.70	4.52	4.52
Surfactant	pt											0.2000	1.39	0.28	0.28
Plant - Rigid	8R-38	MFWD 170	0.074	1.00	May	1.64	2.01	0.61	1.44	0.14	1.44				7.14
Soybean Seed RR	lb											50.0000	0.64	32.00	32.00
Dual II Magnum	pt											1.5000	13.55	20.33	20.33
Ditcher		2WD 130	0.020	1.00	May	0.33	0.33	0.03	0.06	0.02	0.19				0.94
Row Cond (Plant)	27'	MFWD 190	0.078	1.00	May	1.91	2.23	0.19	0.96	0.07	0.75				6.04
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jun	0.93	1.14	0.11	0.16	0.06	0.61				2.95
Roundup WeatherMax	oz											22.0000	0.32	7.04	7.04
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jun	0.93	1.14	0.11	0.16	0.06	0.61				2.95
Roundup WeatherMax	oz											22.0000	0.32	7.04	7.04
App by Air (3 gal)	appl			1.00	Aug							1.0000	3.50	3.50	3.50
Karate Z	oz											1.6000	3.00	4.80	4.80
App by Air (3 gal)	appl			1.00	Aug							1.0000	3.50	3.50	3.50
Karate Z	oz											1.5000	3.00	4.50	4.50
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	4.19	7.74	0.56	1.01	0.08	1.30				14.80
Haul Soybeans	bu			1.00	Oct							30.0000	0.16	4.80	4.80
TOTALS						11.73	16.69	1.90	4.71	0.53	5.61			103.85	144.49
INTEREST ON OPERATING CAPITAL															5.16
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															149.65

Table 16.A Estimated costs and returns per Acre
 RR Soybeans, Stale Seedbed, 12-20" Row Equipment
 Tenant-Operator, Red River and Central Areas, Louisiana, 2007

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	7.00	40.0000	280.00	_____
LA Soybean share	bu	7.00	-10.0000	-70.00	_____

TOTAL INCOME				210.00	_____
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	0.32	66.0000	21.12	_____
Harmony Extra	oz	13.70	0.3300	4.52	_____
Squadron CE	pt	4.55	3.0000	13.65	_____
INSECTICIDES					
Karate Z	oz	3.00	3.6000	10.80	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.64	50.0000	32.00	_____
ADJUVANTS					
Surfactant	pt	1.39	0.2000	0.28	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.16	30.0000	4.80	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
HAND LABOR					
Implements	hour	9.60	0.1154	1.11	_____
LA Hired Labor					
Tractors	hour	9.60	0.2646	2.55	_____
LA Other Labor					
Special Labor	hour	9.60	0.1200	1.15	_____
DIESEL FUEL					
Tractors	gal	2.10	2.5452	5.35	_____
Harvesters	gal	2.10	1.2047	2.53	_____
REPAIR & MAINTENANCE					
Implements	Acre	2.37	1.0000	2.37	_____
Tractors	Acre	0.98	1.0000	0.98	_____
Harvesters	Acre	1.66	1.0000	1.66	_____
INTEREST ON OP. CAP.	Acre	5.06	1.0000	5.06	_____

TOTAL DIRECT EXPENSES				127.23	_____
RETURNS ABOVE DIRECT EXPENSES				82.77	_____
FIXED EXPENSES					
Implements	Acre	5.80	1.0000	5.80	_____
Tractors	Acre	7.25	1.0000	7.25	_____
Harvesters	Acre	7.74	1.0000	7.74	_____

TOTAL FIXED EXPENSES				20.79	_____

TOTAL SPECIFIED EXPENSES				148.02	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				61.98	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				31.98	_____

Table 16.B Estimated resource use and costs for field operations, per Acre
 RR Soybeans, Stale Seedbed, 12-20" Row Equipment
 Tenant-Operator, Red River and Central Areas, Louisiana, 2007

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST	
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST		
						-----dollars-----				dollars		-----dollars-----				
Disk Harrow	32'	MFWD 225	0.061	1.00	Oct	1.74	1.85	0.55	1.42	0.06	0.59					6.15
App by Air (5 gal)	appl			1.00	May							1.0000	4.50	4.50		4.50
Roundup WeatherMax	oz											22.0000	0.32	7.04		7.04
Harmony Extra	oz											0.3300	13.70	4.52		4.52
Surfactant	pt											0.2000	1.39	0.28		0.28
Plant - Rigid	12R-20	MFWD 190	0.094	1.00	May	2.30	2.67	1.00	2.34	0.18	1.82					10.13
LA Other Labor	hour									0.12	1.15					1.15
Soybean Seed RR	lb											50.0000	0.64	32.00		32.00
Squadron CE	pt											3.0000	4.55	13.65		13.65
Ditcher		2WD 130	0.020	1.00	May	0.33	0.33	0.03	0.06	0.02	0.19					0.94
Roller	32'	MFWD 170	0.046	1.00	May	1.03	1.26	0.12	0.81	0.04	0.45					3.67
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jun	0.93	1.14	0.11	0.16	0.06	0.61					2.95
Roundup WeatherMax	oz											22.0000	0.32	7.04		7.04
App by Air (5 gal)	appl			1.00	Jun							1.0000	4.50	4.50		4.50
Roundup WeatherMax	oz											22.0000	0.32	7.04		7.04
App by Air (3 gal)	appl			1.00	Aug							1.0000	3.50	3.50		3.50
Karate Z	oz											1.6000	3.00	4.80		4.80
App by Air (3 gal)	appl			1.00	Aug							1.0000	3.50	3.50		3.50
Karate Z	oz											2.0000	3.00	6.00		6.00
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	4.19	7.74	0.56	1.01	0.08	1.30					14.80
Haul Soybeans	bu			1.00	Oct							30.0000	0.16	4.80		4.80
TOTALS						10.52	14.99	2.37	5.80	0.58	6.11				103.17	142.96
INTEREST ON OPERATING CAPITAL																5.06
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																148.02

Table 17.A Estimated costs and returns per Acre
 RR Soybeans, Clay Soil, 8-Row Equipment, Drill Plant,
 Tenant-Operator, Red River and Central Areas, Louisiana, 2007

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Soybeans	bu	7.00	35.0000	245.00	_____
LA Soybean share	bu	7.00	-8.7500	-61.25	_____

TOTAL INCOME				183.75	_____
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	1.66	2.0000	3.32	_____
Roundup WeatherMax	oz	0.32	66.0000	21.12	_____
Dual II Magnum	pt	13.55	1.5000	20.33	_____
INSECTICIDES					
Karate Z	oz	3.00	1.6000	4.80	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.64	50.0000	32.00	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.16	26.2500	4.20	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.1021	1.56	_____
HAND LABOR					
Implements	hour	9.60	0.1057	1.01	_____
LA Hired Labor					
Tractors	hour	9.60	0.2745	2.63	_____
DIESEL FUEL					
Tractors	gal	2.10	2.3888	5.02	_____
Harvesters	gal	2.10	1.4457	3.04	_____
REPAIR & MAINTENANCE					
Implements	Acre	2.75	1.0000	2.75	_____
Tractors	Acre	0.95	1.0000	0.95	_____
Harvesters	Acre	1.99	1.0000	1.99	_____
INTEREST ON OP. CAP.	Acre	5.09	1.0000	5.09	_____

TOTAL DIRECT EXPENSES				122.31	_____
RETURNS ABOVE DIRECT EXPENSES				61.44	_____
FIXED EXPENSES					
Implements	Acre	6.53	1.0000	6.53	_____
Tractors	Acre	7.06	1.0000	7.06	_____
Harvesters	Acre	9.29	1.0000	9.29	_____

TOTAL FIXED EXPENSES				22.88	_____

TOTAL SPECIFIED EXPENSES				145.19	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				38.56	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				8.56	_____

Table 17.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, 2007

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	28'	MFWD 170	0.070	1.00	Oct	1.54	1.89	0.57	1.47	0.07	0.67				6.14
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	1.66	3.32	3.32
Roundup WeatherMax	oz											22.0000	0.32	7.04	7.04
Row Cond (Harrow)	27'	MFWD 150	0.057	1.00	May	1.11	1.30	0.14	0.70	0.05	0.55				3.80
Grain Drill & Pre	24'	MFWD 190	0.084	1.00	May	2.06	2.40	1.31	3.08	0.16	1.62				10.47
Soybean Seed RR	lb											50.0000	0.64	32.00	32.00
Dual II Magnum	pt											1.5000	13.55	20.33	20.33
Ditcher		2WD 130	0.020	1.00	May	0.33	0.33	0.03	0.06	0.02	0.19				0.94
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jun	0.93	1.14	0.11	0.16	0.06	0.61				2.95
Roundup WeatherMax	oz											22.0000	0.32	7.04	7.04
App by Air (5 gal)	appl			1.00	Jul							1.0000	4.50	4.50	4.50
Roundup WeatherMax	oz											22.0000	0.32	7.04	7.04
App by Air (3 gal)	appl			1.00	Aug							1.0000	3.50	3.50	3.50
Karate Z	oz											1.6000	3.00	4.80	4.80
Header - Soybean	25' Flex	275hp	0.102	1.00	Sep	5.03	9.29	0.59	1.06	0.10	1.56				17.53
Haul Soybeans	bu			1.00	Oct							26.2500	0.16	4.20	4.20
TOTALS						11.00	16.35	2.75	6.53	0.48	5.20			98.27	140.10
INTEREST ON OPERATING CAPITAL															5.09
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															145.19

Table 18.A Estimated costs and returns per Acre
 Corn, Sandy Soil, 8-Row Equipment (38" Rows), Tenant-
 Operator, Red River and Central Areas, Louisiana, 2007

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Corn	bu	3.70	160.0000	592.00	_____
Corn Share Rent	bu	3.70	-40.0000	-148.00	_____

TOTAL INCOME				444.00	_____
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	0.31	60.0000	18.60	_____
LA Potash	lb	0.22	60.0000	13.20	_____
LA Nitrogen	lb	0.39	160.0000	62.40	_____
HERBICIDES					
Roundup WeatherMax	oz	0.32	22.0000	7.04	_____
Atrazine 4L	pt	1.18	2.0000	2.36	_____
Lasso 4EC	qt	3.05	1.5000	4.57	_____
Dual II Magnum	pt	13.55	1.3300	18.02	_____
INSECTICIDES					
Counter CR	lb	2.70	7.0000	18.90	_____
Pounce 3.2 EC	oz	0.91	1.6000	1.46	_____
Asana .66 XL	oz	0.72	6.0000	4.32	_____
SEED/PLANTS					
Corn Seed Conv.	thous	1.45	30.0000	43.50	_____
CUSTOM HARVEST/HAUL					
Haul Corn	bu	0.16	120.0000	19.20	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.1009	1.54	_____
HAND LABOR					
Implements	hour	9.60	0.1999	1.91	_____
LA Hired Labor					
Special Labor	hour	9.60	0.1200	1.15	_____
Tractors	hour	9.60	0.5635	5.42	_____
DIESEL FUEL					
Tractors	gal	2.10	5.0887	10.67	_____
Harvesters	gal	2.10	1.4285	3.00	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.69	1.0000	4.69	_____
Tractors	Acre	1.99	1.0000	1.99	_____
Harvesters	Acre	1.97	1.0000	1.97	_____
INTEREST ON OP. CAP.	Acre	13.25	1.0000	13.25	_____

TOTAL DIRECT EXPENSES				293.46	_____
RETURNS ABOVE DIRECT EXPENSES				150.54	_____
FIXED EXPENSES					
Implements	Acre	10.05	1.0000	10.05	_____
Tractors	Acre	14.85	1.0000	14.85	_____
Harvesters	Acre	9.18	1.0000	9.18	_____

TOTAL FIXED EXPENSES				34.08	_____

TOTAL SPECIFIED EXPENSES				327.54	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				116.46	_____
RESIDUAL ITEMS					
Overhead (Tenant)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				86.46	_____

Table 18.B Estimated resource use and costs for field operations, per Acre
 Corn, Sandy Soil, 8-Row Equipment (38" Rows), Tenant-
 Operator, Red River and Central Areas, Louisiana, 2007

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	1.58	1.85	0.58	1.50	0.08	0.79				6.30
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	1.02	1.19	0.26	0.62	0.08	0.80				3.89
LA Phosphate	lb											60.0000	0.31	18.60	18.60
LA Potash	lb											60.0000	0.22	13.20	13.20
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	1.80	2.10	0.25	0.80	0.07	0.71				5.66
App by Air (5 gal)	appl			1.00	Feb							1.0000	4.50	4.50	4.50
Roundup WeatherMax	oz											22.0000	0.32	7.04	7.04
Ditcher		2WD 130	0.020	1.00	Mar	0.33	0.33	0.03	0.06	0.02	0.19				0.94
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	0.50	Mar	0.90	1.05	0.12	0.40	0.03	0.36				2.83
Roller	32'	MFWD 170	0.046	1.00	Mar	1.03	1.26	0.12	0.81	0.04	0.45				3.67
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	Mar	1.76	2.16	0.82	1.93	0.16	1.54				8.21
LA Hired Labor	hour									0.12	1.15				1.15
Corn Seed Conv.	thous											30.0000	1.45	43.50	43.50
Atrazine 4L	pt											2.0000	1.18	2.36	2.36
Lasso 4EC	qt											1.5000	3.05	4.57	4.57
Counter CR	lb											7.0000	2.70	18.90	18.90
Dual II Magnum	pt											1.3300	13.55	18.02	18.02
Ditcher		2WD 130	0.020	1.00	Mar	0.33	0.33	0.03	0.06	0.02	0.19				0.94
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	1.88	2.20	0.70	0.95	0.11	1.12				6.85
LA Nitrogen	lb											80.0000	0.39	31.20	31.20
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	0.72	4.32	4.32
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Jun	1.88	2.20	0.70	0.95	0.11	1.12				6.85
LA Nitrogen	lb											80.0000	0.39	31.20	31.20
Header - Corn	8R-38	275hp	0.100	1.00	Aug	4.97	9.18	1.05	1.90	0.10	1.54				18.64
Dry Corn	bu			1.00	Aug							120.0000	0.19	22.80	22.80
Haul Corn	bu			1.00	Aug							120.0000	0.16	19.20	19.20
Corn Grain Cart	8R40 700bu	MFWD 190	0.025	0.25	Aug	0.15	0.18	0.03	0.07	0.00	0.06				0.49
TOTALS						17.63	24.03	4.69	10.05	0.98	10.02			247.87	314.29
INTEREST ON OPERATING CAPITAL															13.25
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															327.54

Table 19.A Estimated costs and returns per Acre
Milo, 8-Row Equipment (38" Rows), Owner-Operator,
Red River and Central Areas, Louisiana, 2007

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
Grain Sorghum	bu	2.96	100.0000	296.00	_____
TOTAL INCOME				296.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (3 gal)	appl	3.50	2.0000	7.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.39	120.0000	46.80	_____
HERBICIDES					
Atrazine 4L	pt	1.18	4.0000	4.72	_____
Lasso 4EC	qt	3.05	0.7500	2.29	_____
INSECTICIDES					
Karate Z	oz	3.00	3.5000	10.50	_____
SEED/PLANTS					
Sorghum NonConcept	lb	1.18	8.0000	9.44	_____
CUSTOM HARVEST/HAUL					
Haul Sorghum	bu	0.16	100.0000	16.00	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
HAND LABOR					
Implements	hour	9.60	0.1625	1.56	_____
LA Hired Labor					
Tractors	hour	9.60	0.5578	5.35	_____
DIESEL FUEL					
Tractors	gal	2.10	5.0051	10.50	_____
Harvesters	gal	2.10	1.2047	2.53	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.09	1.0000	4.09	_____
Tractors	Acre	1.98	1.0000	1.98	_____
Harvesters	Acre	1.66	1.0000	1.66	_____
INTEREST ON OP. CAP.	Acre	5.62	1.0000	5.62	_____
TOTAL DIRECT EXPENSES				131.34	_____
RETURNS ABOVE DIRECT EXPENSES				164.66	_____
FIXED EXPENSES					
Implements	Acre	10.09	1.0000	10.09	_____
Tractors	Acre	14.82	1.0000	14.82	_____
Harvesters	Acre	7.74	1.0000	7.74	_____
TOTAL FIXED EXPENSES				32.65	_____
TOTAL SPECIFIED EXPENSES				163.99	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				132.01	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				102.01	_____

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, 2007

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	3.08	3.78	1.15	2.94	0.14	1.35				12.30
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Apr	1.80	2.10	0.25	0.80	0.07	0.71				5.66
Row Cond (Plant)	27'	MFWD 150	0.078	1.00	Apr	1.51	1.78	0.19	0.96	0.07	0.75				5.19
Ditcher		2WD 130	0.020	1.00	May	0.33	0.33	0.03	0.06	0.02	0.19				0.94
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	May	1.76	2.16	0.82	1.93	0.16	1.54				8.21
Atrazine 4L	pt											2.0000	1.18	2.36	2.36
Sorghum NonConcept	lb											8.0000	1.18	9.44	9.44
Lasso 4EC	qt											0.7500	3.05	2.29	2.29
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	May	1.88	2.20	0.70	0.95	0.11	1.12				6.85
LA Nitrogen	lb											120.0000	0.39	46.80	46.80
Cult & Post	8R-38	MFWD 190	0.086	1.00	Jun	2.12	2.47	0.51	1.64	0.13	1.25				7.99
Atrazine 4L	pt											2.0000	1.18	2.36	2.36
App by Air (3 gal)	appl			1.00	Jun							1.0000	3.50	3.50	3.50
Karate Z	oz											2.0000	3.00	6.00	6.00
App by Air (3 gal)	appl			1.00	Jul							1.0000	3.50	3.50	3.50
Karate Z	oz											1.5000	3.00	4.50	4.50
Header Wheat/Sorghum	30' Rigid	275hp	0.085	1.00	Aug	4.19	7.74	0.44	0.81	0.08	1.30				14.48
Haul Sorghum	bu			1.00	Aug							100.0000	0.16	16.00	16.00
TOTALS						16.67	22.56	4.09	10.09	0.80	8.21			96.75	158.37
INTEREST ON OPERATING CAPITAL															5.62
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															163.99

Table 20.A Estimated costs and returns per Acre
Wheat, 8-Row Equipment, Drill Plant, Owner-Operator,
Red River and Central Areas, Louisiana, 2007

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Wheat	bu	4.50	60.0000	270.00	_____

TOTAL INCOME				270.00	_____
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	4.50	1.0000	4.50	_____
FERTILIZERS					
LA Nitrogen	lb	0.39	80.0000	31.20	_____
HERBICIDES					
Osprey	oz	3.14	4.7500	14.92	_____
SEED/PLANTS					
Wheat Seed Private	lb	0.20	90.0000	18.00	_____
ADJUVANTS					
Surfactant	pt	1.39	1.5000	2.09	_____
CUSTOM HARVEST/HAUL					
Haul Wheat	bu	0.14	45.0000	6.30	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.1021	1.56	_____
HAND LABOR					
Implements	hour	9.60	0.0785	0.75	_____
LA Hired Labor					
Tractors	hour	9.60	0.3174	3.04	_____
DIESEL FUEL					
Tractors	gal	2.10	2.7366	5.74	_____
Harvesters	gal	2.10	1.2617	2.65	_____
REPAIR & MAINTENANCE					
Implements	Acre	2.89	1.0000	2.89	_____
Tractors	Acre	1.09	1.0000	1.09	_____
Harvesters	Acre	1.76	1.0000	1.76	_____
INTEREST ON OP. CAP.	Acre	3.43	1.0000	3.43	_____

TOTAL DIRECT EXPENSES				99.92	_____
RETURNS ABOVE DIRECT EXPENSES				170.08	_____
FIXED EXPENSES					
Implements	Acre	7.29	1.0000	7.29	_____
Tractors	Acre	8.12	1.0000	8.12	_____
Harvesters	Acre	8.19	1.0000	8.19	_____

TOTAL FIXED EXPENSES				23.60	_____

TOTAL SPECIFIED EXPENSES				123.52	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				146.48	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				116.48	_____

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, 2007

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	3.08	3.78	1.15	2.94	0.14	1.35				12.30
Row Cond (Plant)	27'	MFWD 150	0.078	1.00	Oct	1.51	1.78	0.19	0.96	0.07	0.75				5.19
Grain Drill	24'	MFWD 190	0.078	1.00	Oct	1.91	2.23	1.06	2.49	0.15	1.50				9.19
Wheat Seed Private	lb											90.0000	0.20	18.00	18.00
Ditcher		2WD 130	0.020	1.00	Oct	0.33	0.33	0.03	0.06	0.02	0.19				0.94
App by Air (5 gal)	appl			1.00	Nov							1.0000	4.50	4.50	4.50
Osprey	oz											4.7500	3.14	14.92	14.92
Surfactant	pt											1.5000	1.39	2.09	2.09
LA Nitrogen	lb			1.00	Feb							80.0000	0.39	31.20	31.20
Header Wheat/Sorghum	25' Rigid	240hp	0.102	1.00	May	4.41	8.19	0.46	0.84	0.10	1.56				15.46
Haul Wheat	bu			1.00	May							45.0000	0.14	6.30	6.30
TOTALS						11.24	16.31	2.89	7.29	0.49	5.35			77.01	120.09
INTEREST ON OPERATING CAPITAL															3.43
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															123.52

Table 21.A Estimated costs and returns per Acre
Wheat and Soybeans, (double crop), Owner-Operator
Red River and Central Areas, Louisiana, 2007

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
INCOME					
LA Wheat	bu	4.50	50.0000	225.00	_____
Soybeans	bu	7.00	35.0000	245.00	_____

TOTAL INCOME				470.00	_____
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	0.39	80.0000	31.20	_____
HERBICIDES					
Osprey	oz	3.14	4.7500	14.92	_____
Roundup WeatherMax	oz	0.32	66.0000	21.12	_____
Lasso 4EC	qt	3.05	1.0000	3.05	_____
Scepter 70 DG	oz	2.86	0.3330	0.95	_____
INSECTICIDES					
Karate Z	oz	3.00	4.0000	12.00	_____
SEED/PLANTS					
Wheat Seed Private	lb	0.20	90.0000	18.00	_____
Soybean Seed RR	lb	0.64	50.0000	32.00	_____
ADJUVANTS					
Surfactant	pt	1.39	1.5000	2.09	_____
CUSTOM HARVEST/HAUL					
Haul Wheat	bu	0.14	50.0000	7.00	_____
Haul Soybeans	bu	0.16	35.0000	5.60	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.2043	3.12	_____
HAND LABOR					
Implements	hour	9.60	0.2530	2.42	_____
LA Hired Labor					
Tractors	hour	9.60	0.5542	5.32	_____
DIESEL FUEL					
Tractors	gal	2.10	5.1783	10.87	_____
Harvesters	gal	2.10	2.7075	5.69	_____
REPAIR & MAINTENANCE					
Implements	Acre	5.49	1.0000	5.49	_____
Tractors	Acre	2.01	1.0000	2.01	_____
Harvesters	Acre	3.75	1.0000	3.75	_____
INTEREST ON OP. CAP.	Acre	7.69	1.0000	7.69	_____

TOTAL DIRECT EXPENSES				206.79	_____
RETURNS ABOVE DIRECT EXPENSES				263.21	_____
FIXED EXPENSES					
Implements	Acre	12.84	1.0000	12.84	_____
Tractors	Acre	15.03	1.0000	15.03	_____
Harvesters	Acre	17.48	1.0000	17.48	_____

TOTAL FIXED EXPENSES				45.35	_____

TOTAL SPECIFIED EXPENSES				252.14	_____
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				217.86	_____
RESIDUAL ITEMS					
Overhead (Owner)	acre	30.00	1.0000	30.00	_____
RESIDUAL RETURNS				187.86	_____

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, 2007

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	3.08	3.78	1.15	2.94	0.14	1.35				12.30
Row Cond (Plant)	27'	MFWD 190	0.078	1.00	Oct	1.91	2.23	0.19	0.96	0.07	0.75				6.04
Grain Drill	30'	MFWD 225	0.062	1.00	Oct	1.78	1.89	1.01	2.36	0.12	1.20				8.24
Wheat Seed Private	lb											90.0000	0.20	18.00	18.00
Ditcher		2WD 130	0.020	1.00	Nov	0.33	0.33	0.03	0.06	0.02	0.19				0.94
App by Air (5 gal)	appl			1.00	Nov							1.0000	4.50	4.50	4.50
Osprey	oz											4.7500	3.14	14.92	14.92
Surfactant	pt											1.5000	1.39	2.09	2.09
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Feb	1.02	1.19	0.26	0.62	0.08	0.80				3.89
LA Nitrogen	lb											80.0000	0.39	31.20	31.20
Header Wheat/Sorghum	25' Rigid	240hp	0.102	1.00	May	4.41	8.19	0.46	0.84	0.10	1.56				15.46
Haul Wheat	bu			1.00	May							50.0000	0.14	7.00	7.00
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	0.93	1.14	0.11	0.16	0.06	0.61				2.95
Roundup WeatherMax	oz											22.0000	0.32	7.04	7.04
NT Plant&Pre-Rigid	12R-20	MFWD 190	0.105	1.00	May	2.57	3.00	1.55	3.62	0.21	2.04				12.78
Soybean Seed RR	lb											50.0000	0.64	32.00	32.00
Lasso 4EC	qt											1.0000	3.05	3.05	3.05
Scepter 70 DG	oz											0.3330	2.86	0.95	0.95
Ditcher		2WD 130	0.020	1.00	Jun	0.33	0.33	0.03	0.06	0.02	0.19				0.94
App by Air (3 gal)	appl			1.00	Jun							1.0000	3.50	3.50	3.50
Karate Z	oz											2.0000	3.00	6.00	6.00
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jul	0.93	1.14	0.11	0.16	0.06	0.61				2.95
Roundup WeatherMax	oz											22.0000	0.32	7.04	7.04
App by Air (5 gal)	appl			1.00	Jul							1.0000	4.50	4.50	4.50
Roundup WeatherMax	oz											22.0000	0.32	7.04	7.04
Karate Z	oz											2.0000	3.00	6.00	6.00
Header - Soybean	25' Flex	275hp	0.102	1.00	Oct	5.03	9.29	0.59	1.06	0.10	1.56				17.53
Haul Soybeans	bu			1.00	Oct							35.0000	0.16	5.60	5.60
TOTALS						22.32	32.51	5.49	12.84	1.01	10.86			160.43	244.45
INTEREST ON OPERATING CAPITAL															7.69
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															252.14

Appendix Table 1. Tractors/Harvesters: estimated purchase price, annual use, useful life, fuel use, and direct and fixed cost per hour, Louisiana, 2007

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	20.53	0.00	35.83	0.00	35.83
Combine (200-249 hp)	240hp	164,962	300	8	12.35	15.30	25.93	17.18	58.41	80.17	138.59
Combine (225-274 hp)	Track250hp	0	300	8	12.87	15.30	27.02	0.00	42.32	0.00	42.32
Combine (250-299 hp)	275hp	186,987	300	8	14.15	15.30	29.71	19.47	64.49	90.88	155.37
Combine (250-299hp)	Grass295hp	211,248	300	8	15.18	15.30	31.87	22.00	69.18	102.67	171.85
Combine (275-299 hp)	Track290hp	0	300	8	14.93	15.30	31.35	0.00	46.65	0.00	46.65
Combine (300-349 hp)	325hp	214,178	300	8	16.73	15.30	35.13	22.31	72.74	104.09	176.84
Combine (300-349hp)	Track320hp	0	300	8	16.47	15.30	34.58	0.00	49.88	0.00	49.88
Combine (350-379 hp)	370hp	235,707	300	8	19.04	15.30	39.98	24.55	79.83	114.56	194.39
Combine (350-379 hp)	Track365hp	0	300	8	18.79	15.30	39.45	0.00	54.75	0.00	54.75
Cotton Stripper	173hp	124,653	200	8	8.08	15.30	16.96	19.47	51.74	90.87	142.62
SC Tractor 93 MDR	93	46,683	600	10	4.79	9.60	10.05	2.72	22.38	9.66	32.04
SC Tractpr 68 MDR	68	27,049	600	10	3.50	9.60	7.35	1.57	18.52	5.59	24.12
Tractor(40-59hp)Cab	2WD 50	27,788	600	8	2.57	9.60	5.40	0.86	15.87	6.31	22.19
Tractor(40-59hp)Cab	MFWD 50	32,118	600	8	2.57	9.60	5.40	1.00	16.00	7.30	23.31
Tractor(40-59hp)RB	2WD 50	18,914	600	8	2.57	9.60	5.40	0.59	15.59	4.30	19.89
Tractor(40-59hp)RB	MFWD 50	23,837	600	8	2.57	9.60	5.40	0.74	15.74	5.41	21.16
Tractor(60-89hp)CAB	2WD 75	37,673	600	8	3.86	9.60	8.10	1.17	18.88	8.56	27.44
Tractor(60-89hp)CAB	MFWD 75	43,768	600	8	3.86	9.60	8.10	1.36	19.07	9.95	29.02
Tractor(60-89hp)RB	2WD 75	29,457	600	8	3.86	9.60	8.10	0.92	18.62	6.69	25.32
Tractor(60-89hp)RB	MFWD 75	34,465	600	8	3.86	9.60	8.10	1.07	18.78	7.83	26.61
Tractor(90-119hp)CB	2WD 105	55,050	600	8	5.40	9.60	11.34	1.72	22.66	12.51	35.18
Tractor(90-119hp)CB	MFWD 105	64,298	600	8	5.40	9.60	11.34	2.00	22.95	14.61	37.57
Tractor(90-119hp)RB	2WD 105	44,288	600	8	5.40	9.60	11.34	1.38	22.33	10.06	32.40
Tractor(90-119hp)RB	MFWD 105	53,457	600	8	5.40	9.60	11.34	1.67	22.62	12.15	34.77
Tractor(120-139hp)CB	2WD 130	72,389	600	8	6.69	9.60	14.05	2.26	25.91	16.45	42.37
Tractor(120-139hp)CB	MFWD 130	86,888	600	8	6.69	9.60	14.05	2.71	26.36	19.75	46.12
Tractor(140-159hp)CB	2WD 150	83,238	600	8	7.72	9.60	16.21	2.60	28.41	18.92	47.33
Tractor(140-159hp)CB	MFWD 150	99,584	600	8	7.72	9.60	16.21	3.11	28.92	22.64	51.56
Tractor(160-179hp)CB	2WD 170	92,346	600	8	8.75	9.60	18.37	2.88	30.86	21.71	52.57
Tractor(160-179hp)CB	MFWD 170	114,517	600	8	8.75	9.60	18.37	3.57	31.55	26.93	58.48
Tractor(160-199hp)CB	Track 180	133,374	600	8	9.26	9.60	19.45	4.16	33.22	31.36	64.59
Tractor(180-199hp)CB	2WD 190	107,634	600	8	9.77	9.60	20.53	3.36	33.50	25.31	58.81
Tractor(180-199hp)CB	MFWD 190	120,623	600	8	9.77	9.60	20.53	3.76	33.90	28.36	62.27
Tractor(200-249hp)CB	4WD 225	145,396	600	8	11.58	9.60	24.32	4.54	38.46	34.19	72.65
Tractor(200-249hp)CB	MFWD 225	128,077	600	8	11.58	9.60	24.32	4.00	37.92	30.12	68.04
Tractor(200-249hp)CB	Track 225	154,527	600	8	11.58	9.60	24.32	4.82	38.74	36.34	75.09
Tractor(250-349hp)CB	4WD 300	153,473	600	8	15.44	9.60	32.42	4.79	46.82	36.09	82.91
Tractor(250-349hp)CB	Track 300	182,615	600	8	15.44	9.60	32.42	5.70	47.73	42.94	90.68
Tractor(350-449hp)CB	4WD 400	209,363	600	8	20.58	9.60	43.23	6.54	59.37	49.23	108.61
Tractor(350-449hp)CB	Track 400	228,017	600	8	20.58	9.60	43.23	7.12	59.96	53.62	113.58
Tractor(450-uphp)CB	TRACK-475	248,110	600	8	24.44	9.60	51.34	7.75	68.69	58.35	127.04

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, 2007

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/acre				\$/acre		
ATV - 4 Wheeler	12'	0	100	8	1.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
ATV - 4 Wheeler	20'	8,741	100	8	1.00	0.200	3.06	0.46	0.43	3.95	2.46	6.42
Butt Levee (Backhoe)	70 HP	54,723	150	8	5.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
Cotton Picker-1st-BB	2R38"157hp	131,738	200	8	8.08	0.519	12.93	8.81	10.69	32.45	49.90	82.36
Cotton Picker-1st-BB	4R2X1260hp	317,399	200	8	13.33	0.172	4.29	4.82	8.54	17.65	39.87	57.53
Cotton Picker-1st-BB	4R30"250hp	238,204	200	8	12.86	0.327	8.15	8.84	12.18	29.18	56.85	86.03
Cotton Picker-1st-BB	4R30"325hp	318,474	200	8	16.72	0.327	8.15	11.50	16.29	35.94	76.01	111.95
Cotton Picker-1st-BB	4R30"255hp	236,458	200	8	13.12	0.257	6.41	7.10	9.52	23.04	44.43	67.48
Cotton Picker-1st-BB	4R38"325hp	319,294	200	8	16.72	0.257	6.41	9.05	12.86	28.33	60.00	88.34
Cotton Picker-1st-BB	5R30"255hp	244,085	200	8	13.12	0.261	6.52	7.21	9.98	23.72	46.60	70.33
Cotton Picker-1st-BB	5R38"250hp	261,868	200	8	12.86	0.207	5.15	5.59	8.47	19.23	39.55	58.79
Cotton Picker-1st-BB	6R30"325hp	376,745	200	8	16.72	0.218	5.43	7.66	12.84	25.94	59.94	85.89
Cotton Picker-1st-BB	6R38"330hp	365,763	200	8	16.98	0.172	4.29	6.14	9.84	20.28	45.94	66.23
Cotton Picker-1st-Tr	2R38"157hp	131,738	200	8	8.08	0.519	12.93	8.81	10.69	32.45	49.90	82.36
Cotton Picker-1st-Tr	4R2X1255hp	317,399	200	8	18.01	0.172	4.29	6.51	8.54	19.35	39.87	59.22
Cotton Picker-1st-Tr	4R30"250hp	238,204	200	8	12.86	0.327	8.15	8.84	12.18	29.18	56.85	86.03
Cotton Picker-1st-Tr	4R30"325hp	318,474	200	8	16.72	0.327	8.15	11.50	16.29	35.94	76.01	111.95
Cotton Picker-1st-Tr	4R38"255hp	236,458	200	8	13.12	0.257	6.41	7.10	9.52	23.04	44.43	67.48
Cotton Picker-1st-Tr	4R38"325hp	319,294	200	8	16.72	0.257	6.41	9.05	12.86	28.33	60.00	88.34
Cotton Picker-1st-Tr	5R30"255hp	244,085	200	8	13.12	0.261	6.52	7.21	9.98	23.72	46.60	70.33
Cotton Picker-1st-Tr	5R38"250hp	261,868	200	8	12.86	0.207	5.15	5.59	8.47	19.23	39.55	58.79
Cotton Picker-1st-Tr	6R30"325hp	376,745	200	8	16.72	0.218	5.43	7.66	12.84	25.94	59.94	85.89
Cotton Picker-1st-Tr	6R38"330hp	365,763	200	8	16.98	0.172	4.29	6.14	9.84	20.28	45.94	66.23
Cotton Picker-2nd-BB	2R38"157hp	131,738	200	8	8.08	0.440	10.96	7.46	9.06	27.49	42.27	69.76
Cotton Picker-2nd-BB	4R2x1260hp	317,399	200	8	18.01	0.145	3.63	5.52	7.23	16.39	33.77	50.16
Cotton Picker-2nd-BB	4R30"250hp	238,204	200	8	12.86	0.277	6.90	7.49	10.32	24.72	48.15	72.87
Cotton Picker-2nd-BB	4R30"325hp	318,474	200	8	16.72	0.277	6.90	9.74	13.79	30.44	64.38	94.83
Cotton Picker-2nd-BB	4R38"255hp	236,458	200	8	13.12	0.218	5.43	6.01	8.06	19.52	37.64	57.16
Cotton Picker-2nd-BB	4R38"325hp	319,294	200	8	16.72	0.218	5.43	7.67	10.89	24.00	50.82	74.82
Cotton Picker-2nd-BB	5R30"255hp	244,085	200	8	13.12	0.221	5.52	6.11	8.46	20.09	39.47	59.57
Cotton Picker-2nd-BB	5R38"250hp	261,868	200	8	12.86	0.175	4.37	4.74	7.18	16.29	33.50	49.80
Cotton Picker-2nd-BB	6R30"325hp	376,745	200	8	16.72	0.184	4.60	6.49	10.88	21.98	50.77	72.75
Cotton Picker-2nd-BB	6R38"330hp	365,763	200	8	16.98	0.145	3.63	5.20	8.34	17.18	38.91	56.10
Cotton Picker-2nd-Tr	2R38"157hp	131,738	200	8	8.08	0.440	10.96	7.46	9.06	27.49	42.27	69.76
Cotton Picker-2nd-Tr	4R2X1260hp	317,399	200	8	18.01	0.145	3.63	5.52	7.23	16.39	33.77	50.16
Cotton Picker-2nd-Tr	4R30"250hp	238,204	200	8	12.86	0.277	6.90	7.49	10.32	24.72	48.15	72.87
Cotton Picker-2nd-Tr	4R30"325hp	318,474	200	8	16.72	0.277	6.90	9.74	13.79	30.44	64.38	94.83
Cotton Picker-2nd-Tr	4R38"255hp	230,242	200	8	13.12	0.218	5.43	6.01	7.85	19.31	36.65	55.96
Cotton Picker-2nd-Tr	4R38"325hp	311,490	200	8	16.72	0.218	5.43	7.67	10.62	23.73	49.58	73.32
Cotton Picker-2nd-Tr	5R30"255hp	237,698	200	8	13.12	0.221	5.52	6.11	8.23	19.87	38.44	58.32
Cotton Picker-2nd-Tr	5R38"250hp	261,898	200	8	12.86	0.175	4.37	4.74	7.18	16.29	33.51	49.80
Cotton Picker-2nd-Tr	6R30"325hp	376,745	200	8	16.72	0.184	4.60	6.49	10.88	21.98	50.77	72.75

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre Louisiana, 2007

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost
									Imp.	P.U.		Imp.	P.U.	
			dollars	hours	years	hr/ac	-----\$/acre-----							
TerraTill Bed w/roll	4R-38	MFWD 225	11,308	150	12	0.160	1.54	3.91	0.65	0.64	6.75	1.41	4.84	13.02
TerraTill Bed w/roll	6R-38	MFWD 225	15,310	150	12	0.107	1.03	2.61	0.59	0.43	4.67	1.28	3.23	9.19
TerraTill Bed w/roll	4R-30	MFWD 225	11,308	150	12	0.204	1.96	4.96	0.83	0.81	8.58	1.80	6.15	16.53
TerraTill Bed w/roll	6R-30	MFWD 225	15,310	150	12	0.136	1.30	3.31	0.75	0.54	5.91	1.62	4.10	11.64

Notes:
 Labor: Includes labor from Power unit plus additional labor from the implement.
 Total Direct: Does not

Appendix Table 4. Operating Inputs: estimated prices, Louisiana, 2007.

ADJUVANTS			Captan 4L	pt	2.83
Crop Oil (Seed Oil)	pt	2.12	Captan 50 WP	lb	3.57
Crop Oil (Petroleum)	pt	0.67	Cruiser 5FS	oz	17.38
Surfactant	pt	1.39	Delta Coat AD	oz	3.75
CUSTOM FERT/LIME			Dithane F-45	qt	3.52
App Fert by Air	cwt	5	Dithane Rainsheid	lb	2.49
App Fert by Air(Min)	appl	5	Fungicide	lb	2.3
Custom Apply Fert	acre	5	Gem 25 WG	oz	3.44
Custom Spread(Truc	appl	4.5	Manzate 75 DF	lb	2.55
Lime (Spread)	ton	40	Manzate Flowable	pt	1.65
CUSTOM HARVEST/HAUL			Moncut 70 DF	lb	23.83
Haul Corn	bu	0.16	Orbit	oz	2.75
Haul Cotton	lb	0.02	Prevail	lb	3.21
Haul Rice	bu	0.1	Quadris	oz	1.91
Haul Rice (cwt)	cwt	0.25	Ridomil GoldPC 10G	lb	1.9
Haul Sorghum	bu	0.16	Ridomil Gold PC	lb	1.95
Haul Soybeans	bu	0.16	Rovral 4F	pt	19.83
Haul Wheat	bu	0.14	Shelter	oz	8.5
LARice Haul	cwt	0.25	Stiletto	oz	0.51
CUSTOM PLANT			Stratego	pt	18.46
LARice Air Plant NE	cwt	5.5	Terrachlor Flowable	pt	4.74
LARice Air Plant SW	cwt	5.6	Terraclor 2EC	pt	1.87
CUSTOM SPRAY			Terraclor Super X EC	pt	3.78
App by Air (1 gal)	appl	2.5	Terraclor Super X G	lb	2.3
App by Air (2 gal)	appl	3	Tilt 3.6 EC	oz	2.68
App by Air (3 gal)	appl	3.5	Vitavax 200	oz	0.46
App by Air (5 gal)	appl	4.5	Vitavax M Flowable	oz	1.06
App by Air (10 gal)	appl	6.5	Vitavax RTU-Thiram	oz	0.31
Custom Apply	acre	5	Vitavax T-L	oz	0.27
Custom Terragator	acre	5	GIN/DRY		
LARice GPS Charge-SW	acre	0.35	Dry Corn	bu	0.19
LARice GPS Charge_NE	acre	0.25	Dry Grain Sorghum	cwt	0.25
FERTILIZERS			Dry Rice	bu	0.4
Amm Nitrate (34% N)	cwt	17	Dry Rice (cwt)	cwt	0.9
Amm Sulfate (21% N)	cwt	12	Gin	lb	0.09
Anhy Ammonia (82% N)	cwt	15	LARice Dry	cwt	0.9
Boron (Solubor)	lb	0.66	GROWTH REGULATORS		
DAP	cwt	17	Early Harvest PGR	oz	1.55
Fert 10-34-0	cwt	17	LA Polado	oz	0.38
Fert 41-0-0-4	cwt	19	Mepex	oz	0.37
LA Nitrogen	lb	0.39	PGR IV	oz	1.53
LA Phosphate	lb	0.31	Pix Plus	oz	0.47
LA Potash	lb	0.22	Pix Ultra	oz	0.79
Phosphorus(46% P2O5)	cwt	15	HARVEST AIDS		
Potash (60% K2O)	cwt	14	Accelerate	pt	2.75
Sulfur	lb	0.21	Ammonium Sulfate	lb	0.11
UAN (32% N)	cwt	13	Boll'd	pt	7.01
UAN + Sulfur (28% N)	cwt	12	CottonQuik	pt	3.66
Urea, Solid (46% N)	cwt	18	Def 6	pt	6.91
Zinc	lb	0.24	Def/Folex	pt	6.72
FUNGICIDES			Dropp 50 WP	lb	44
Apron Maxx RTA	oz	0.71	Dropp SC	oz	2.67
Apron XL	oz	7.84	Ethephon 6E	pt	5.12
Apron XL LS	oz	6.8	Finish 6	pt	9.34

Appendix Table 4. Operating Inputs: estimated prices, Louisiana, 2007.

Benlate 50 WP	lb	15.95	Folex 6EC	pt	6.52
GROWTH REGULATORS			Cotton Pro Flowable	pt	3.44
Ginstar EC	pt	26.5	Crossbow	pt	6.54
Gramoxone Extra	pt	4.86	Delta Goal	pt	9.44
Gramoxone Max	pt	4.86	Denim 0.16 EC	pt	24.06
Harvade 5F	oz	0.72	Detail	pt	7.99
Leafless	pt	18.56	Direx 4L	pt	2.38
Prep	pt	5.43	Direx 80 DF	lb	3.89
Sodium Chlorate 3L	gal	3	Diuron 4L	pt	2.26
Sodium Chlorate 6L	gal	4.35	Diuron 80 DF	lb	3.44
HERBICIDES			Domain 60DF	lb	12.75
2,4-D Amine 4	pt	1.66	DSMA 4	pt	0.87
2,4-D Ester	pt	2	Dual II Magnum	pt	13.55
AAtrex 4L	pt	1.46	Dual Magnum	pt	12.75
AAtrex NINE-O	lb	2.54	Duet	pt	3.54
Accent Gold	oz	7.14	Evik DF 80W	lb	6.64
Accent SP	oz	32.85	Exceed	oz	10.71
Aim 2EC	oz	5.66	Exceed Custom Pak	oz	11.5
Aim DF	oz	8.67	Expert	pt	3.78
Arroso	qt	8.26	Facet 75DF	lb	48.37
Assure II	oz	1.02	First Rate	oz	26.92
Atrazine 4L	pt	1.18	Flexstar HL	pt	12.93
Atrazine 90DF	lb	2.21	FloMet 4L	pt	4.48
Authority 75DF	lb	26.4	Freedom	qt	2.51
Axiom 68DF	lb	19.52	Front Row	oz	21.92
Backdraft	pt	2.34	Frontier 6.0	oz	0.65
Banvel	pt	9.15	Fultime	pt	3.78
Basagran	pt	10.26	Fusilade DX	oz	1.11
Basis Gold	lb	20.21	Fusion	pt	19.26
Beacon 75% WSP	oz	26.81	Glyphos	pt	2.13
Beyond	oz	3.97	Glyphomax	pt	3.49
Bicep II Magnum	qt	10.54	Glyphosate Plus 4L	pt	2.3
Bicep II zmsgnum	qt	10.58	Glystar Plus	pt	2.32
Blazer Ultra	pt	8.69	Goal 2XL	pt	10.93
Boa	pt	3.63	Gramoxone Max	pt	4.86
Bolero 8EC	pt	4.95	Gramoxone Max	pt	4.86
Boundary	pt	9.82	Grandstand R	qt	21.16
Buctril 4EC	pt	14.49	Guardsman	pt	4.66
Butoxone 175(2,4-DB)	pt	2.25	Guardsman Max	pt	5.21
Butoxone 200(2,4-DB)	pt	3.22	Harmony Extra	oz	13.7
Butyrac 175 (2,4-DB)	pt	2.45	Hoelon 3EC	pt	9.08
Butyrac 200 (2,4-DB)	pt	3.81	Karmex DF	lb	4.11
Canopy 75%	oz	5.65	LA Asulox	gal	47.75
Canopy XL	oz	2.44	LA Weedmaster	gal	24.79
Caparol 4L	pt	3.74	Lariat	qt	5.29
Celebrity Plus	lb	83.28	Lasso 4EC	qt	3.05
Clarity	pt	11.26	Layby Pro	qt	9.02
Classic	oz	13.02	Lexone 75DF	lb	18.9
Clincher EC	oz	1.7	Liberty	pt	8.6
Cobra 2EC	oz	1.11	Lightning	oz	11.23
Command 3ME	pt	12.06	Lightning	oz	11.23
Conclude XACT	pt	7.08	Linex 4L	pt	6.92
Conclude XTRA	pt	8.32	Londax 60DF	oz	10.92
Cornerstone	pt	1.79	Lorox 50DF	lb	15.37

Appendix Table 4. Operating Inputs: estimated prices, Louisiana, 2007.

Cotoran 4L	pt	4.79	MSMA 6.6	pt	2.06
Cotoran DF	lb	7.67	MSMA6 + Surfactant	pt	1.98
HERBICIDES (Cont)			INSECTICIDES		
Newpath 2SL	oz	3.91	Acephate 90SP	lb	7.59
Ordram 15-G	lb	1.39	Admire 2 Flowable	oz	4.78
Ordram 8-E	pt	7.75	Ammo 2.5 EC	oz	0.98
Outlook	pt	17.61	Asana .66 XL	oz	0.72
Pendimax 3.3	pt	2.54	Aztec 2.1% G	lb	2.48
Permit 75DF	oz	17.61	Baythroid 2	oz	2.7
Poast 1.53	pt	8.64	Bidrin 8L	oz	0.81
Poast Plus	pt	6.31	Capture 2EC	oz	2.45
Propanil 4E	qt	5.15	Centric 40WG	oz	4.6
Prowl 3.3 EC	pt	2.75	Comite	pt	10.52
Pursuit DG	oz	11.54	Confirm 2F	oz	1.46
Pursuit Plus EC	pt	6.21	Counter 15G	lb	1.67
Python WDG	oz	9.4	Counter CR	lb	2.7
Raptor	oz	4.09	Curacron 8E	pt	9.19
Reflex 2LC	pt	12.25	Decis 1.5EC	oz	2.88
Regiment 80WP	oz	33.33	Declare	pt	3.67
Remedy	pt	11.83	Denim 0.16EC	pt	25.16
Resource .86EC	pt	21.02	Di-Syston 15G	lb	2.77
Ricestar	pt	15.45	Di-Syston 8	pt	12.91
Roundup Original	pt	2.78	Dimethoate 4E	pt	4.23
Roundup Original Max	oz	0.24	Dimilin 2L	oz	1.56
Roundup Ultra MAX	pt	5.97	Dipel DF	lb	9.71
Roundup Ultra Dry	lb	8.51	Dipel ES	pt	4.47
Roundup WeatherMax	oz	0.32	Force 3G	lb	4.45
Scepter 70 DG	oz	2.86	Furadan 4F	pt	8.71
Select 2EC	oz	1.46	Fury 1.5 EC	oz	1.3
Sencor 4F	pt	10.25	Gaucho 480	oz	10.45
Sencor DF	lb	15.04	Intrepid 2F	oz	1.88
Squadron CE	pt	4.55	Intruder 70WP	oz	7.67
Stam 4E	qt	5.12	Karate Z	oz	3
Stam 80 EDF	lb	4.53	Lannate LV	pt	7.09
Staple 85%	oz	18.49	Lannate SP	oz	1.39
Staple Plus	oz	9.35	Larvin 3.2	oz	0.46
Steadfast	oz	21.79	Leverage 2.7	oz	3.04
Steel	pt	10.28	Lorsban 15G	lb	1.59
Storm	pt	10.52	Lorsban 4E	pt	4.29
Strongarm	oz	41.08	Malathion 57EC	pt	2.63
Superwham	qt	6.43	Malathion 8E	pt	4.02
Suprend	lb	9.99	Malathion ULV	pt	4.38
Surpass 20G	lb	2.36	Mepichlor 4.2% Liq	pt	5.91
Surpass EC	qt	18.72	Methyl Parathion	pt	4.26
Touchdown	qt	9.32	Monitor 4	pt	11.98
Touchdown 4 IQ	pt	3.16	Monitor 4	pt	11.98
Touchdown Total	qt	8.52	Mustang Max	oz	1.63
Treflan HFP	pt	2.33	Orthene 90S	lb	8.59
Treflan TR-10	lb	0.82	Orthene 97	lb	11.61
Tri-Scept	pt	5.24	Penncap M	pt	3.48
Trifluralin 4EC	pt	2.14	Phaser 3E	qt	8.13
Trilin 10G	lb	0.79	Pounce 25WP	lb	10.87
Trilin 4EC	pt	2.12	Pounce 3.2 EC	oz	0.91
Typhoon	qt	13.06	Provado 1.6F	oz	3.38

Appendix Table 4. Operating Inputs: estimated prices, Louisiana, 2007.

Valor WP	oz	4.23	Sevin 80S	lb	5.41
Whip 360	pt	23.26	Sevin XLR Plus	qt	7.47
Zorial Rapid 80DF	lb	14.29	Spintor 2SC	oz	4.63
INSECTICIDES (Cont)			Rice Seed (Levees)	lb	0.21
Steward	pt	22.01	Rice Seed CF(Levees)	lb	0.45
Temik 15G Grit	lb	3.11	Rice Seed Conv.	lb	0.21
Thimet 20-G	lb	2.64	Rice Seed Hybrid	lb	3.04
Thionex 3EC	pt	3.26	SC Cultured seedcane	acre	484
Thionex 50W	lb	7.37	Sorghum Concept	lb	1.36
Tracer	oz	6.33	Sorghum NonConcept	lb	1.18
Trimax	oz	4.49	Soybean Seed Private	lb	0.38
Vydate C-LV	oz	0.56	Soybean Seed RR	lb	0.64
Warrior Z	oz	2.2	Wheat Seed Private	lb	0.2
Warrior ZT	oz	2.04	SERVICE FEE		
IRRIGATION SUPPLIES			Crop Consultant	acre	6
Rice Gates	each	3.65	Insect Scouting	acre	7
Roll-Out Pipe	ft	0.2	Rice Consultant	acre	7
SEED/PLANTS			Survey & Mark Levees	acre	4
Corn Seed Bt	thou	2.01	Survey & Mark Levees	acre	3.5
Corn Seed BtRR	thou	2.06	TECHNOLOGY FEE		
Corn Seed Conv.	thou	1.45	BG Cot Tech Fee	cap/	19.5
Corn Seed RR	thou	1.76	BG II Cot Tech Fee	thou	0.71
Cotton Seed Bt	thou	0.28	BG II Cot Tech Fee	cap/	40
Cotton Seed BtRR	thou	0.44	BG II/RR Tech Fee	cap/	56
Cotton Seed Bxn	thou	0.00	BG/RR Cot Tech Fee	thou	1.09
Cotton Seed Conv.	thou	0.18	BG/RR Cot Tech Fee	cap/	49
Cotton Seed Liberty	thou	0.62	Eradication Fee	acre	5.5
Cotton Seed RR	thou	0.37	RR Cotton Tech Fee	thou	0.62
Cotton Seed RR	thou	0.37	RR Cotton Tech Fee	cap/ac	29
Rice Clearfield 161	lb	0.45			
Rice Clearfield XL8	lb	3.26			