
**2011
Projected
Commodity
Costs
And
Returns**

**Cotton, Soybeans, Corn,
Grain Sorghum and Wheat
Production
in Louisiana**

Kenneth W. Paxton



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**PROJECTED COSTS AND RETURNS - COTTON, SOYBEANS, CORN,
GRAIN SORGHUM AND WHEAT, LOUISIANA, 2011**

by

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PROJECTED COSTS AND RETURNS - COTTON, SOYBEANS, CORN,
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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 2011. 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 budget information is presented in four formats. One format is a listing of costs associated with various inputs for the enterprise. This format presents costs by broad categories such as herbicides, insecticides, etc. with a listing of items within each category. A second 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. Two additional output formats are included for each enterprise budget. These outputs show breakeven prices required to cover variable and total costs. In addition, the appendix to this report contains detailed cost estimates for an extensive list of equipment 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 do not address the tenancy issue. Most enterprises are produced under some type of rental arrangement. Users of these budgets must make adjustments to account for details of their particular rental arrangement. For example, if a portion of the crop is paid for land rent, then the revenue component must be adjusted. If a cash rent is paid, or if expenses are shared, the variable costs of the enterprise should be modified to reflect those changes.

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Overhead Costs

General farm overhead costs are not included in individual enterprise budgets in this report. Estimates of general farm overhead costs are periodically estimated by the USDA/ERS. Methodology and detailed information on overhead costs can be found on the ERS website at <http://www.ers.usda.gov>. Since overhead costs apply to the whole farm, they do not affect the relationship among enterprises. Overhead costs are not shown as a specified cost in the budgets included in this report. The relative profitability of enterprises is the primary focus of this report.

Cotton Budgets

This report presents cotton budgets showing projected costs and returns for 2011 for the alluvial soil areas of Louisiana and the Macon Ridge. Budgets presented are based primarily on conservation tillage practices. Because virtually all cotton planted in the state utilizes some form of herbicide tolerance technology, most producers follow conservation tillage practices. Most budgets presented here assume a continuous cropping pattern. While it is recognized that many producers employ crop rotations, no attempt has been made to account for rotational effects in budgets included in this report.

Budgets are presented primarily for 8-row equipment based on a 38 inch row spacing. A limited number of budgets for alternate row spacing and equipment sizes are also included. Both irrigated and non-irrigated cotton budgets are included in this report. Since the budget tables presented here only include costs, users should make necessary adjustments for a response to irrigation for their individual farm. The cotton budgets presented here are based on survey data as well as input from state specialists for each crop and represent the best available information at the time of publication.

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.

Boll Weevil Eradication

A boll weevil eradication (BWE) program is currently in place throughout the state. 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 2011.

Cotton Harvesting/Ginning

Harvesting costs shown in the budgets are based on using four-row cotton pickers. While four-row pickers continue to account for the dominant share of picking capacity in the state, six-row pickers account for a significant share. In addition, there are a limited number of cotton harvesters employing the “on-board module” technology. Data on costs associated with owning and operating both four- and six-row cotton pickers are

presented in the appendix to this report. These data indicate that the cost of owning and operating a six-row picker are approximately \$70 per acre compared to about \$75 for a four-row picker. These costs assume that the six-row machine is used on approximately 1,200 acres while the four-row picker is used on 800 acres. If the rate of use is less, then these costs would be higher. The enterprise budgets reflect once-over harvest for cotton. The decision to “scrap” cotton should be based on the potential profitability of the operation comparing the value of the cotton harvested with the cost of operating the cotton picker and associated equipment.

Other components of the harvest equipment are assumed to include a module builder and boll buggy. All harvested cotton is assumed to be placed in modules with the boll buggy used to facilitate the transfer of seedcotton from the picker to the module builder. The cost of hauling the module from the farm to the gin is generally included in the cost of ginning the seedcotton. Since the budgets presented here are cost only budgets, they do not include a cost for ginning because the gins generally take the seed as payment for ginning. In recent years seed prices have increased significantly and gins have been offering rebates. These seed rebates may account for a significant source of income from the cotton enterprise. The size and certainty of these rebates is highly variable and depend on a number of factors. These include the price of cotton seed, the relationship of the producer with the gin, competing gins, and other factors. One of the major other factor in recent years has been the significant decrease in cotton acreage and the resulting decline in the volume of cotton ginned at each gin. Because of the difficulty of making a reasonable estimate of the gin rebate (if any), revenue from rebates is not included in budgets presented here. Users should make the appropriate adjustment based on their individual expectation regarding gin rebates.

Soybean Budgets

Budgets showing projected costs for 2011 are presented for the alluvial soil area for two equipment size (8 and 12 row). The 8-row budgets are based on a 38 inch row while the 12-row budgets are based on a 20 inch row width. Soybean budgets for the Macon Ridge area are presented for silty soil type with 8-row equipment. One budget is presented for double-crop wheat and soybeans. Budgets are presented for producing soybeans utilizing the Roundup Ready[®] technology. Budgets for irrigated soybean production are included for both the alluvial and Macon Ridge areas of Louisiana. Response to irrigation is highly variable and users should adjust enterprise budgets to reflect their expected response to irrigation.

Corn, Grain Sorghum, and Wheat Budgets

A budget showing projected costs and returns for 2011 corn in the alluvial soil areas is presented for sandy soil with 8-row equipment. Both a non-irrigated and irrigated budget is presented for the alluvial areas of Louisiana. An irrigated corn budget for the Macon Ridge area is also presented. Budgets for grain sorghum are presented for non-irrigated situations.

Table 1. Estimated costs per Acre
 Poly pipe irrigation system, 160 acres
 applying 10.5 inches in three applications Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
IRRIGATION LABOR					
Implements	hour	9.60	0.0062	0.06	_____
LA Hired Labor					
Tractors	hour	9.60	0.2930	2.81	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
DIESEL FUEL					
Tractors	gal	2.75	2.8274	7.78	_____
Engine, RPF, 75	gal	2.75	8.5535	23.52	_____
REPAIR & MAINTENANCE					
Implements	Acre	0.40	1.0000	0.40	_____
Tractors	Acre	1.16	1.0000	1.16	_____
Well & Pump, Furrow	each	384.00	0.0062	2.40	_____
Engine, RPF, 75	ac-in	0.26	10.5000	2.76	_____
INTEREST ON OP. CAP.	Acre	0.72	1.0000	0.72	_____

TOTAL DIRECT EXPENSES				49.65	_____
FIXED EXPENSES					
Implements	Acre	1.10	1.0000	1.10	_____
Tractors	Acre	7.47	1.0000	7.47	_____
Well & Pump, Furrow	each	1192.78	0.0062	7.45	_____
Main Line Pipe	each	654.39	0.0062	4.09	_____
Land Forming (\$300)	each	29.07	1.0000	29.07	_____
Engine, RPF, 75	each	987.41	0.0062	6.17	_____

TOTAL FIXED EXPENSES				55.35	_____

TOTAL SPECIFIED EXPENSES				105.00	_____

Table 2. Estimated costs per Acre
Center pivot irrigation system, 1/4 mile
applying 7.5 inches in three applications Louisiana, 2011.

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	2.75	11.2011	30.80	_____
REPAIR & MAINTENANCE					
Well & Pump, 1/4 CP	each	384.00	0.0074	2.84	_____
Engine, 1/4 CP, 65	ac-in	0.36	7.5000	2.76	_____
Pivot, 1/4 CP	1320'	1560.00	0.0074	11.56	_____
INTEREST ON OP. CAP.	Acre	0.82	1.0000	0.82	_____

TOTAL DIRECT EXPENSES				50.73	_____
FIXED EXPENSES					
Well & Pump, 1/4 CP	each	1192.78	0.0074	8.84	_____
Engine, 1/4 CP, 65	each	828.42	0.0074	6.14	_____
Pivot, 1/4 CP	each	6526.98	0.0074	48.35	_____

TOTAL FIXED EXPENSES				63.33	_____

TOTAL SPECIFIED EXPENSES				114.06	_____

Tables 3 through 5 present summaries of projected costs for cotton, soybeans, corn, grain sorghum, and wheat respectively. A summary of projected costs for cotton production situations included in this report is presented in Table 3. Cotton production costs for 2011 include the use of a module builder for all the cotton harvested. A mandatory checkoff charge of \$2.56 per bale was included in the 2011 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 is shown in tables accompanying the enterprise budgets. Breakeven selling prices are shown for five yield levels.

A summary of projected costs for soybean production situations included in this report is presented in Table 4. Soybeans produced on clay soils required slightly different production practices than soybeans produced on sandy soil. Thus, slight differences in production costs could be expected between soybeans produced on sandy soils and soybeans produced on clay soils within areas.

Table 5 presents a summary of projected costs for corn, grain sorghum, and wheat budgets included in this report. Total costs for corn production were higher than for soybean, wheat and grain sorghum production. Corn budgets were developed for both Roundup Ready and BtRR technology.

"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 40 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 \$40.00 returns per acre to land and risk.

The appendix tables present detailed cost estimates for various farm equipment, irrigation systems and operating inputs. These data may be used to adjust budgets to individual situations.

Table 3. A summary of projected costs and returns per acre for cotton production, Northeast Louisiana, 2011.^A

Crop Description	Yield per Acre	Unit	Total Income ^A	Total Direct Expenses	Returns Above Direct Expenses	Total Fixed Expenses	Total Specified Expenses ^C	Returns Above Specified Expenses
Alluvial Areas								
Cotton, 8-row, B2/RRF, Dryland	850	Lbs. lint	1062.50	528.81	533.69	110.06	638.87	423.63
Cotton, 8-row, B2/RRF, Irrigated	1100	Lbs lint	1375.00	583.70	791.30	165.17	748.87	626.13
Cotton, 12-row, BGII/RRF, Irrigated	1100	Lbs. lint	1375.00	560.86	814.14	160.78	721.64	653.36
Macon Ridge Area								
Cotton, 8-row, BGII/RRF, Irrigated,	1000	Lbs. lint	1250.00	550.42	699.58	161.92	712.34	537.66

^ACotton lint price of \$1.25 per pound was used.

^BCottonseed revenue assumed to cover cost of ginning.

^CFarm overhead charges are not included in total specified expenses. Land costs are not included.

Table 4. A summary of projected costs and returns per acre for soybean production, Northeast Louisiana, 2011.^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
Alluvial Areas								
Soybeans, 8-row, RR	40	bu	520.00	302.71	217.29	26.34	329.05	190.95
Soybeans, 8-row, RR, Irrigated	50	bu	650.00	341.21	308.79	81.71	422.92	227.08
Soybeans, 12-20 ⁷ -row, RR	40	bu	520.00	300.60	219.40	25.63	326.23	193.77
Soybeans, 12-20 ⁷ -row, RR, Irrigated	50	bu	650.00	341.14	308.86	82.08	423.22	226.78
Macon Ridge Area								
Soybeans, 8-row, Irrigated	45	bu	585.00	325.16	259.84	81.87	407.03	177.97

^ASoybean price of \$13.00 per bushel was used.

^BFarm overhead charges are not included in total specified expenses. Land costs are not included.

Table 5. A summary of projected costs and returns per acre for Corn, Grain sorghum, and Wheat production, Northeast Louisiana, 2011.^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 grain, 8-row, RR, Dryland	150	bu	975.00	438.56	536.44	33.68	472.24	502.76
Corn grain, 8-row, RR, Irrigated	180	bu	1170.00	513.23	656.77	89.28	602.51	567.49
Corn grain, 8-row, BtRR, Dryland	150	bu	975.00	433.29	541.71	33.68	466.97	508.03
Corn grain, 8-row, BtRR, Irrigated	180	bu	1170.00	518.93	651.07	89.03	607.96	562.04
Grain sorghum, 8-row,	100	bu	500.00	282.81	217.19	24.33	307.14	192.86
Wheat, 8-row, Drilled	60	bu	480.00	203.98	276.02	23.13	227.11	252.89
Soybean-Wheat (dbl. crop), Owner	50 + 45	bu	985.00	515.32	469.68	99.28	614.60	370.40

^A Crop prices used were: \$6.50 per bushel for corn, \$5.00 per bushel for grain sorghum, \$8.00 per bushel for wheat, and of \$13.00 per bushel for soybeans.

^BFarm overhead charges are not included in total specified expenses. Land costs are not included.

Table 6.A Estimated costs per Acre
 B2/RRFlex Cotton, 8-Row Equipment, Dryland
 Alluvial Soil, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (3 gal)	appl	4.00	5.0000	20.00	_____
App by Air (5 gal)	appl	5.50	1.0000	5.50	_____
HARVEST AIDS					
Dropp SC	oz	1.74	1.2000	2.09	_____
Prep	pt	3.19	1.3300	4.24	_____
Def/Folex	pt	6.53	0.7500	4.90	_____
FERTILIZERS					
LA Phosphate	lb	0.63	60.0000	37.80	_____
LA Potash	lb	0.48	60.0000	28.80	_____
LA Nitrogen	lb	0.51	90.0000	45.90	_____
HERBICIDES					
Roundup WeatherMax	oz	0.28	88.0000	24.64	_____
2,4-D Amine 4	pt	1.74	1.0000	1.74	_____
Valor WP	oz	4.23	1.5000	6.35	_____
Cotoran 4L	pt	4.88	1.2000	5.86	_____
Dual II Magnum	pt	13.26	1.0000	13.26	_____
Layby Pro	qt	11.68	1.0000	11.68	_____
INSECTICIDES					
Ammo 2.5 EC	oz	0.92	1.2800	1.18	_____
Dimethoate 4E	pt	5.63	0.4000	2.25	_____
Centric 40WG	oz	4.22	4.0000	16.88	_____
Karate Z	oz	2.87	6.3900	18.34	_____
Orthene 90S	lb	3.25	1.1500	3.74	_____
Diamond .83EC	pt	16.28	0.7500	12.21	_____
Bidrin 8L	oz	0.85	12.0000	10.20	_____
SEED/PLANTS					
Cotton Seed BGII/RRF	thous	0.61	52.5000	32.03	_____
TECHNOLOGY FEE					
BGII/RRF Cot Tech Fe	cap/ac	69.25	1.0000	69.25	_____
Eradication Fee	acre	6.00	1.0000	6.00	_____
GROWTH REGULATORS					
Pix Plus	oz	0.28	16.0000	4.48	_____
SERVICE FEE					
Crop Consultant	acre	9.50	1.0000	9.50	_____
Cotton Checkoff	bale	2.56	1.7700	4.53	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	46.00	0.3300	15.18	_____
OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3283	5.02	_____
HAND LABOR					
Self-Propelled	hour	9.60	0.2930	2.79	_____
LA Hired Labor					
Implements	hour	9.60	0.4491	4.30	_____
Tractors	hour	9.60	1.2626	12.12	_____
DIESEL FUEL					
Tractors	gal	2.75	11.8146	32.49	_____
Self-Propelled	gal	2.75	5.3686	14.77	_____
REPAIR & MAINTENANCE					
Implements	Acre	9.80	1.0000	9.80	_____
Tractors	Acre	4.95	1.0000	4.95	_____
Self-Propelled	Acre	14.70	1.0000	14.70	_____
INTEREST ON OP. CAP.	Acre	9.34	1.0000	9.34	_____
TOTAL DIRECT EXPENSES				528.81	_____
FIXED EXPENSES					
Implements	Acre	16.78	1.0000	16.78	_____
Tractors	Acre	32.02	1.0000	32.02	_____
Self-Propelled	Acre	61.26	1.0000	61.26	_____
TOTAL FIXED EXPENSES				110.06	_____
TOTAL SPECIFIED EXPENSES				638.87	_____

Table 6.B Estimated resource use and costs for field operations, per Acre
 B2/RRFlex Cotton, 8-Row Equipment, Dryland
 Alluvial Soil, Louisiana, 2011.

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-----			
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.50	1.26	0.06	0.16	0.04	0.47				3.45
Paratill & Bed Fold.	8R-38	MFWD 225	0.080	0.50	Nov	1.49	1.32	0.73	1.32	0.04	0.39				5.25
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Nov	2.40	2.01	0.83	0.97	0.11	1.12				7.33
LA Phosphate	lb											60.0000	0.63	37.80	37.80
LA Potash	lb											60.0000	0.48	28.80	28.80
Lime (Spread)	ton			0.33	Nov							0.3300	46.00	15.18	15.18
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Nov	2.29	1.92	0.28	0.78	0.07	0.71				5.98
Row Cond (Harrow)	27'	MFWD 190	0.057	1.00	Nov	1.77	1.49	0.17	0.73	0.05	0.55				4.71
Roller	32'	MFWD 170	0.046	1.00	Nov	1.31	1.22	0.10	0.57	0.04	0.45				3.65
Ditcher		2WD 130	0.020	1.00	Nov	0.42	0.33	0.04	0.05	0.02	0.19				1.03
Sprayer(600-750Gal)	60'		0.017	1.00	Mar	0.64	0.95			0.02	0.35				1.94
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
2,4-D Amine 4	pt											1.0000	1.74	1.74	1.74
Valor WP	oz											1.5000	4.23	6.35	6.35
Plant & Pre Folding	8R-38	MFWD 170	0.080	1.00	Apr	2.25	2.09	1.20	2.39	0.16	1.54				9.47
Cotoran 4L	pt											1.2000	4.88	5.86	5.86
Cotton Seed BGII/RRF	thous											52.5000	0.61	32.03	32.03
Ammo 2.5 EC	oz											1.2800	0.92	1.18	1.18
BGII/RRF Cot Tech Fe	cap/ac											1.0000	69.25	69.25	69.25
Ditcher		2WD 130	0.020	1.00	Apr	0.42	0.33	0.04	0.05	0.02	0.19				1.03
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.40	2.01	0.83	0.97	0.11	1.12				7.33
LA Nitrogen	lb											90.0000	0.51	45.90	45.90
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.64	0.95			0.02	0.35				1.94
Dimethoate 4E	pt											0.4000	5.63	2.25	2.25
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Dual II Magnum	pt											1.0000	13.26	13.26	13.26
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.64	0.95			0.02	0.35				1.94
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Centric 40WG	oz											2.0000	4.22	8.44	8.44
Sprayer(600-750Gal)	60'		0.017	1.00	Jun	0.64	0.95			0.02	0.35				1.94
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.00	4.00	4.00
Centric 40WG	oz											2.0000	4.22	8.44	8.44
Pix Plus	oz											4.0000	0.28	1.12	1.12
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jun	1.88	1.74	0.34	0.43	0.10	0.96				5.35
Layby Pro	qt											1.0000	11.68	11.68	11.68
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	4.00	4.00	4.00
Karate Z	oz											2.1300	2.87	6.11	6.11
Orthene 90S	lb											0.6000	3.25	1.95	1.95
Diamond .83EC	pt											0.3750	16.28	6.11	6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.00	4.00	4.00
Karate Z	oz											2.1300	2.87	6.11	6.11
Bidrin 8L	oz											6.0000	0.85	5.10	5.10
Pix Plus	oz											12.0000	0.28	3.36	3.36
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.00	4.00	4.00
Bidrin 8L	oz											6.0000	0.85	5.10	5.10
Diamond .83EC	pt											0.3750	16.28	6.11	6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.00	4.00	4.00
Orthene 90S	lb											0.5500	3.25	1.79	1.79
Karate Z	oz											2.1300	2.87	6.11	6.11
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.50	5.50	5.50
Dropp SC	oz											1.2000	1.74	2.09	2.09
Prep	pt											1.3300	3.19	4.24	4.24
Def/Foalex	pt											0.7500	6.53	4.90	4.90
Cotton Picker-1st-BB	4R38"325hp		0.257	1.00	Sep	26.91	57.46			0.51	6.41				90.78
Module Builder-1st	4R-38(325)	MFWD 190	0.257	1.00	Sep	7.96	6.68	1.97	4.15	0.51	4.94				25.70
Boll Buggy-1st pick	4R38"325hp	MFWD 190	0.257	1.00	Sep	7.96	6.68	1.48	3.13	0.25	2.47				21.72
Stalk Shredder-Flail	12'	MFWD 150	0.137	1.00	Nov	3.39	2.94	1.73	1.08	0.13	1.32				10.46
Crop Consultant	acre			1.00	Nov							1.0000	9.50	9.50	9.50
Cotton Checkoff	bale			1.00	Nov							1.7700	2.56	4.53	4.53
TOTALS						66.91	93.28	9.80	16.78	2.33	24.23			418.53	629.53
INTEREST ON OPERATING CAPITAL															9.34
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															638.87

Table 6.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
 B2/RRFlex Cotton, 8-Row Equipment, Dryland
 Alluvial Soil, Louisiana, 2011.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.35	0.38	0.41	0.44	0.48	0.53	0.59	0.66	0.76	0.88	1.06
PERCENT	YIELD	UNIT	-----dollars-----										
50	425.00	lb	-302	-291	-279	-264	-247	-226	-201	-170	-129	-75	0
			-412	-401	-389	-374	-357	-336	-311	-280	-239	-185	-110
60	510.00	lb	-272	-259	-244	-226	-206	-181	-151	-113	-64	0	90
			-382	-369	-354	-336	-316	-291	-261	-223	-174	-110	-19
70	595.00	lb	-242	-226	-209	-189	-165	-136	-100	-56	0	75	181
			-352	-336	-319	-299	-275	-246	-210	-166	-110	-34	71
80	680.00	lb	-211	-194	-174	-151	-123	-90	-50	0	64	151	272
			-321	-304	-284	-261	-233	-200	-160	-110	-45	41	162
90	765.00	lb	-181	-162	-139	-113	-82	-45	0	56	129	226	363
			-291	-272	-249	-223	-192	-155	-110	-53	19	116	252
100	850.00	lb	-151	-129	-104	-75	-41	0	50	113	194	302	453
			-261	-239	-214	-185	-151	-110	-59	3	84	192	343
110	935.00	lb	-121	-97	-69	-37	0	45	100	170	259	378	544
			-231	-207	-179	-147	-110	-64	-9	60	149	268	434
120	1020.00	lb	-90	-64	-34	0	41	90	151	226	324	453	635
			-200	-174	-144	-110	-68	-19	41	116	214	343	525
130	1105.00	lb	-60	-32	0	37	82	136	201	283	388	529	726
			-170	-142	-110	-72	-27	26	91	173	278	419	616
140	1190.00	lb	-30	0	34	75	123	181	252	340	453	605	816
			-140	-110	-75	-34	13	71	142	230	343	495	706
150	1275.00	lb	0	32	69	113	165	226	302	397	518	680	907
			-110	-77	-40	3	54	116	192	287	408	570	797

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.

Table 6.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre
 B2/RRFlex Cotton, 8-Row Equipment, Dryland
 Alluvial Soil, Louisiana, 2011.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.44	0.47	0.51	0.55	0.60	0.66	0.73	0.82	0.94	1.10	1.32
PERCENT	YIELD	UNIT	-----dollars-----										
50	425.00	lb	-265	-252	-236	-218	-197	-171	-140	-101	-51	16	110
			-375	-362	-346	-328	-307	-281	-250	-211	-161	-93	0
60	510.00	lb	-228	-212	-193	-171	-146	-115	-77	-30	29	110	222
			-338	-322	-303	-281	-256	-225	-187	-140	-80	0	112
70	595.00	lb	-190	-171	-150	-124	-94	-59	-15	39	110	204	335
			-300	-281	-260	-234	-205	-169	-125	-70	0	93	225
80	680.00	lb	-153	-131	-106	-77	-43	-2	47	110	190	298	448
			-263	-241	-216	-187	-153	-112	-62	0	80	187	338
90	765.00	lb	-115	-91	-63	-30	7	53	110	180	271	391	561
			-225	-201	-173	-140	-102	-56	0	70	161	281	451
100	850.00	lb	-77	-51	-20	16	58	110	172	251	351	485	673
			-187	-161	-130	-93	-51	0	62	140	241	375	563
110	935.00	lb	-40	-10	23	63	110	166	235	321	432	579	786
			-150	-120	-86	-46	0	56	125	211	322	469	676
120	1020.00	lb	-2	29	66	110	161	222	298	391	512	673	899
			-112	-80	-43	0	51	112	187	281	402	563	789
130	1105.00	lb	34	69	110	157	212	279	360	462	593	767	1012
			-75	-40	0	46	102	169	250	352	483	657	902
140	1190.00	lb	72	110	153	204	263	335	423	532	673	861	1125
			-37	0	43	93	153	225	313	422	563	751	1014
150	1275.00	lb	110	150	196	251	315	391	485	603	754	955	1237
			0	40	86	140	205	281	375	493	644	845	1127

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.

Table 7.A Estimated costs per Acre
 B2/RRFlex Cotton, Sandy Soil, 8-Row Equipment,
 Irrigated, Alluvial Soil, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (3 gal)	appl	4.00	5.0000	20.00	_____
App by Air (5 gal)	appl	5.50	1.0000	5.50	_____
HARVEST AIDS					
Dropp SC	oz	1.74	1.2000	2.09	_____
Prep	pt	3.19	1.3300	4.24	_____
Def/Folex	pt	6.53	0.7500	4.90	_____
FERTILIZERS					
LA Phosphate	lb	0.63	60.0000	37.80	_____
LA Potash	lb	0.48	60.0000	28.80	_____
LA Nitrogen	lb	0.51	90.0000	45.90	_____
HERBICIDES					
Roundup WeatherMax	oz	0.28	88.0000	24.64	_____
2,4-D Amine 4	pt	1.74	1.0000	1.74	_____
Valor WP	oz	4.23	1.5000	6.35	_____
Cotoran 4L	pt	4.88	1.2000	5.86	_____
Dual II Magnum	pt	13.26	1.0000	13.26	_____
Layby Pro	qt	11.68	1.0000	11.68	_____
INSECTICIDES					
Ammo 2.5 EC	oz	0.92	1.2800	1.18	_____
Dimethoate 4E	pt	5.63	0.4000	2.25	_____
Orthene 90S	lb	3.25	1.8000	5.85	_____
Centric 40WG	oz	4.22	4.0000	16.88	_____
Karate Z	oz	2.87	6.3900	18.34	_____
Bidrin 8L	oz	0.85	12.0000	10.20	_____
Diamond .83EC	pt	16.28	0.7500	12.21	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
SEED/PLANTS					
Cotton Seed BGII/RRF	thous	0.61	52.5000	32.03	_____
TECHNOLOGY FEE					
BGII/RRF Cot Tech Fe	cap/ac	69.25	1.0000	69.25	_____
Eradication Fee	acre	6.00	1.0000	6.00	_____
GROWTH REGULATORS					
Pix Plus	oz	0.28	24.0000	6.72	_____
SERVICE FEE					
Crop Consultant	acre	9.50	1.0000	9.50	_____
Cotton Checkoff	bale	2.56	2.2900	5.86	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	46.00	0.3300	15.18	_____
OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3283	5.02	_____
IRRIGATION LABOR					
Implements	hour	9.60	0.0062	0.06	_____
HAND LABOR					
Self-Propelled	hour	9.60	0.2930	2.79	_____
LA Hired Labor					
Implements	hour	9.60	0.4491	4.30	_____
Tractors	hour	9.60	1.5375	14.76	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
DIESEL FUEL					
Tractors	gal	2.75	14.5355	39.98	_____
Self-Propelled	gal	2.75	5.3686	14.77	_____
Roll-Out Pipe Irr.	gal	2.75	8.5535	23.52	_____
REPAIR & MAINTENANCE					
Implements	Acre	10.19	1.0000	10.19	_____
Tractors	Acre	6.08	1.0000	6.08	_____
Self-Propelled	Acre	14.70	1.0000	14.70	_____
Roll-Out Pipe Irr.	Acre	5.16	1.0000	5.16	_____
INTEREST ON OP. CAP.	Acre	10.12	1.0000	10.12	_____
TOTAL DIRECT EXPENSES				583.70	_____
FIXED EXPENSES					
Implements	Acre	17.84	1.0000	17.84	_____
Tractors	Acre	39.29	1.0000	39.29	_____
Self-Propelled	Acre	61.26	1.0000	61.26	_____
Roll-Out Pipe Irr.	Acre	46.78	1.0000	46.78	_____
TOTAL FIXED EXPENSES				165.17	_____
TOTAL SPECIFIED EXPENSES				748.87	_____

Table 7.B Estimated resource use and costs for field operations, per Acre
 B2/RRFlex Cotton, Sandy Soil, 8-Row Equipment,
 Irrigated, Alluvial Soil, Louisiana, 2011.

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-----			
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.50	1.26	0.06	0.16	0.04	0.47				3.45
Paratill & Bed Fold.	8R-38	MFWD 225	0.080	0.50	Nov	1.49	1.32	0.73	1.32	0.04	0.39				5.25
Lime (Spread)	ton			0.33	Nov							0.3300	46.00	15.18	15.18
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Nov	2.40	2.01	0.83	0.97	0.11	1.12				7.33
LA Phosphate	lb											60.0000	0.63	37.80	37.80
LA Potash	lb											60.0000	0.48	28.80	28.80
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Nov	2.29	1.92	0.28	0.76	0.07	0.71				5.96
Row Cond (Harrow)	38'	MFWD 225	0.039	1.00	Nov	1.45	1.29	0.16	0.71	0.03	0.38				3.99
Roller	32'	MFWD 170	0.046	1.00	Nov	1.31	1.22	0.10	0.57	0.04	0.45				3.65
Ditcher		2WD 130	0.020	1.00	Nov	0.42	0.33	0.04	0.05	0.02	0.19				1.03
Sprayer(600-750Gal)	60'		0.017	1.00	Mar	0.64	0.95			0.02	0.35				1.94
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
2,4-D Amine 4	pt											1.0000	1.74	1.74	1.74
Valor WP	oz											1.5000	4.23	6.35	6.35
Plant & Pre Folding	8R-38	MFWD 170	0.080	1.00	Apr	2.25	2.09	1.20	2.39	0.16	1.54				9.47
Cotoran 4L	pt											1.2000	4.88	5.86	5.86
Cotton Seed BGII/RRF	thous											52.5000	0.61	32.03	32.03
Ammo 2.5 EC	oz											1.2800	0.92	1.18	1.18
BGII/RRF Cot Tech Fe cap/ac												1.0000	69.25	69.25	69.25
Ditcher		2WD 130	0.020	1.00	Apr	0.42	0.33	0.04	0.05	0.02	0.19				1.03
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.40	2.01	0.83	0.97	0.11	1.12				7.33
LA Nitrogen	lb											90.0000	0.51	45.90	45.90
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.64	0.95			0.02	0.35				1.94
Dimethoate 4E	pt											0.4000	5.63	2.25	2.25
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Dual II Magnum	pt											1.0000	13.26	13.26	13.26
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.64	0.95			0.02	0.35				1.94
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Sprayer(600-750Gal)	60'		0.017	1.00	Jun	0.64	0.95			0.02	0.35				1.94
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Orthene 90S	lb											0.6000	3.25	1.95	1.95
Centric 40WG	oz											2.0000	4.22	8.44	8.44
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.00	4.00	4.00
Centric 40WG	oz											2.0000	4.22	8.44	8.44
Pix Plus	oz											12.0000	0.28	3.36	3.36
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jun	1.88	1.74	0.34	0.43	0.10	0.96				5.35
Layby Pro	qt											1.0000	11.68	11.68	11.68
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	4.00	4.00	4.00
Karate Z	oz											2.1300	2.87	6.11	6.11
Bidrin 8L	oz											6.0000	0.85	5.10	5.10
Pix Plus	oz											12.0000	0.28	3.36	3.36
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.00	4.00	4.00
Karate Z	oz											2.1300	2.87	6.11	6.11
Bidrin 8L	oz											6.0000	0.85	5.10	5.10
Diamond .83EC	pt											0.3750	16.28	6.11	6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.00	4.00	4.00
Orthene 90S	lb											0.6000	3.25	1.95	1.95
Karate Z	oz											2.1300	2.87	6.11	6.11
Diamond .83EC	pt											0.3750	16.28	6.11	6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.00	4.00	4.00
Orthene 90S	lb											0.6000	3.25	1.95	1.95
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.50	5.50	5.50
Dropp SC	oz											1.2000	1.74	2.09	2.09
Prep	pt											1.3300	3.19	4.24	4.24
Def/Folex	pt											0.7500	6.53	4.90	4.90
Cotton Picker-1st-BB	4R38"325hp		0.257	1.00	Sep	26.91	57.46			0.51	6.41				90.78
Module Builder-1st	4R-38(325)	MFWD 190	0.257	1.00	Sep	7.96	6.68	1.97	4.15	0.51	4.94				25.70
Boll Buggy-1st pick	4R38"325hp	MFWD 190	0.257	1.00	Sep	7.96	6.68	1.48	3.13	0.25	2.47				21.72
Stalk Shredder-Flail	12'	MFWD 150	0.137	1.00	Nov	3.39	2.94	1.73	1.08	0.13	1.32				10.46
Crop Consultant	acre			1.00	Nov							1.0000	9.50	9.50	9.50
Cotton Checkoff	bale			1.00	Nov							2.2900	2.56	5.86	5.86
Roll-Out Pipe Irr.	Acres				Jul	8.94	7.47	29.08	47.88	0.44	4.31	1.0000		6.60	104.28
TOTALS						75.53	100.55	38.87	64.62	2.76	28.37			430.81	738.75
INTEREST ON OPERATING CAPITAL															10.12
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															748.87

Table 7.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
 B2/RRFlex Cotton, Sandy Soil, 8-Row Equipment,
 Irrigated, Alluvial Soil, Louisiana, 2011.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.29	0.31	0.34	0.36	0.40	0.44	0.49	0.55	0.63	0.73	0.88
PERCENT	YIELD	UNIT	-----dollars-----										
50	550.00	lb	-325	-313	-300	-284	-266	-243	-216	-182	-139	-81	0
			-490	-478	-465	-449	-431	-409	-381	-348	-304	-246	-165
60	660.00	lb	-292	-278	-262	-243	-221	-195	-162	-121	-69	0	97
			-457	-443	-427	-409	-386	-360	-327	-287	-234	-165	-67
70	770.00	lb	-260	-243	-225	-203	-177	-146	-108	-60	0	81	195
			-425	-409	-390	-368	-342	-311	-273	-226	-165	-83	29
80	880.00	lb	-227	-209	-187	-162	-133	-97	-54	0	69	162	292
			-392	-374	-352	-327	-298	-262	-219	-165	-95	-2	127
90	990.00	lb	-195	-174	-150	-121	-88	-48	0	60	139	243	390
			-360	-339	-315	-287	-253	-213	-165	-104	-25	78	224
100	1100.00	lb	-162	-139	-112	-81	-44	0	54	121	209	325	487
			-327	-304	-277	-246	-209	-165	-110	-43	43	159	322
110	1210.00	lb	-130	-104	-75	-40	0	48	108	182	278	406	585
			-295	-269	-240	-205	-165	-116	-56	17	113	241	420
120	1320.00	lb	-97	-69	-37	0	44	97	162	243	348	487	682
			-262	-234	-202	-165	-120	-67	-2	78	183	322	517
130	1430.00	lb	-65	-34	0	40	88	146	216	304	418	568	780
			-230	-200	-165	-124	-76	-18	51	139	252	403	615
140	1540.00	lb	-32	0	37	81	133	195	270	365	487	650	877
			-197	-165	-127	-83	-32	29	105	200	322	485	712
150	1650.00	lb	0	34	75	121	177	243	325	426	557	731	975
			-165	-130	-90	-43	12	78	159	261	392	566	810

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.

Table 7.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre
 B2/RRFlex Cotton, Silty Soil, 8-Row Equipment,
 Irrigated, Macon Ridge Louisiana, 2011.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.41	0.44	0.48	0.52	0.56	0.62	0.69	0.78	0.89	1.04	1.25
PERCENT	YIELD	UNIT	-----dollars-----										
50	500.00	lb	-254	-240	-222	-202	-179	-150	-116	-72	-16	57	161
			-416	-402	-384	-364	-341	-312	-277	-234	-178	-104	0
60	600.00	lb	-213	-195	-174	-150	-122	-88	-46	5	72	161	286
			-375	-357	-336	-312	-284	-250	-208	-156	-89	0	125
70	700.00	lb	-171	-150	-126	-98	-65	-25	22	83	161	266	412
			-333	-312	-288	-260	-227	-187	-138	-78	0	104	250
80	800.00	lb	-129	-106	-78	-46	-8	36	92	161	251	370	537
			-291	-268	-240	-208	-170	-125	-69	0	89	208	375
90	900.00	lb	-88	-61	-30	5	48	99	161	240	340	474	662
			-250	-223	-192	-156	-113	-62	0	78	178	312	500
100	1000.00	lb	-46	-16	17	57	105	161	231	318	429	578	787
			-208	-178	-144	-104	-56	0	69	156	268	416	625
110	1100.00	lb	-4	27	65	109	161	224	300	396	519	683	912
			-166	-134	-96	-52	0	62	138	234	357	521	750
120	1200.00	lb	36	72	113	161	218	286	370	474	608	787	1037
			-125	-89	-48	0	56	125	208	312	446	625	875
130	1300.00	lb	78	117	161	214	275	349	439	552	697	891	1162
			-83	-44	0	52	113	187	277	390	536	729	1000
140	1400.00	lb	120	161	210	266	332	412	509	630	787	995	1287
			-41	0	48	104	170	250	347	469	625	833	1125
150	1500.00	lb	161	206	258	318	389	474	578	709	876	1099	1412
			0	44	96	156	227	312	416	547	714	938	1250

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.

Table 8.A Estimated costs per Acre
 B2/RRFlex Cotton, Silty Soil, 8-Row Equipment,
 Irrigated, Macon Ridge Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (3 gal)	appl	4.00	5.0000	20.00	_____
App by Air (5 gal)	appl	5.50	1.0000	5.50	_____
HARVEST AIDS					
Dropp SC	oz	1.74	1.2000	2.09	_____
Prep	pt	3.19	1.3300	4.24	_____
Def/Folex	pt	6.53	0.7500	4.90	_____
FERTILIZERS					
LA Phosphate	lb	0.63	50.0000	31.50	_____
LA Potash	lb	0.48	60.0000	28.80	_____
LA Nitrogen	lb	0.51	90.0000	45.90	_____
HERBICIDES					
Roundup WeatherMax	oz	0.28	88.0000	24.64	_____
2,4-D Amine 4	pt	1.74	1.0000	1.74	_____
Valor WP	oz	4.23	1.5000	6.35	_____
Cotoran 4L	pt	4.88	1.2000	5.86	_____
Dual II Magnum	pt	13.26	1.0000	13.26	_____
Layby Pro	qt	11.68	1.0000	11.68	_____
INSECTICIDES					
Ammo 2.5 EC	oz	0.92	1.2800	1.18	_____
Dimethoate 4E	pt	5.63	0.4000	2.25	_____
Orthene 90S	lb	3.25	1.8000	5.85	_____
Centric 40WG	oz	4.22	4.0000	16.88	_____
Karate Z	oz	2.87	6.3900	18.34	_____
Bidrin 8L	oz	0.85	12.0000	10.20	_____
Diamond .83EC	pt	16.28	0.3750	6.11	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
SEED/PLANTS					
Cotton Seed BGII/RRF	thous	0.61	52.5000	32.03	_____
TECHNOLOGY FEE					
BGII/RRF Cot Tech Fe	cap/ac	69.25	1.0000	69.25	_____
Eradication Fee	acre	6.00	1.0000	6.00	_____
GROWTH REGULATORS					
Pix Plus	oz	0.28	24.0000	6.72	_____
SERVICE FEE					
Crop Consultant	acre	9.50	1.0000	9.50	_____
Cotton Checkoff	bale	2.56	2.0800	5.32	_____
OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3283	5.02	_____
IRRIGATION LABOR					
Implements	hour	9.60	0.0062	0.06	_____
HAND LABOR					
Self-Propelled	hour	9.60	0.2930	2.79	_____
LA Hired Labor					
Implements	hour	9.60	0.3636	3.48	_____
Tractors	hour	9.60	1.4449	13.86	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
DIESEL FUEL					
Tractors	gal	2.75	13.7263	37.74	_____
Self-Propelled	gal	2.75	5.3686	14.77	_____
Roll-Out Pipe Irr.	gal	2.75	8.5535	23.52	_____
REPAIR & MAINTENANCE					
Implements	Acre	9.54	1.0000	9.54	_____
Tractors	Acre	5.73	1.0000	5.73	_____
Self-Propelled	Acre	14.70	1.0000	14.70	_____
Roll-Out Pipe Irr.	Acre	5.16	1.0000	5.16	_____
INTEREST ON OP. CAP.	Acre	9.93	1.0000	9.93	_____
TOTAL DIRECT EXPENSES				550.42	_____
FIXED EXPENSES					
Implements	Acre	16.81	1.0000	16.81	_____
Tractors	Acre	37.07	1.0000	37.07	_____
Self-Propelled	Acre	61.26	1.0000	61.26	_____
Roll-Out Pipe Irr.	Acre	46.78	1.0000	46.78	_____
TOTAL FIXED EXPENSES				161.92	_____
TOTAL SPECIFIED EXPENSES				712.34	_____

Table 8.B Estimated resource use and costs for field operations, per Acre
 B2/RRflex Cotton, Silty Soil, 8-Row Equipment,
 Irrigated, Macon Ridge Louisiana, 2011.

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 225	0.070	1.00	Sep	2.58	2.30	0.76	1.67	0.07	0.67				7.98
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.50	1.26	0.06	0.16	0.04	0.47				3.45
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Nov	2.40	2.01	0.83	0.97	0.11	1.12				7.33
LA Phosphate	lb											50.0000	0.63	31.50	31.50
LA Potash	lb											60.0000	0.48	28.80	28.80
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Nov	2.29	1.92	0.28	0.76	0.07	0.71				5.96
Row Cond (Harrow)	27'	MFWD 190	0.057	1.00	Nov	1.77	1.49	0.17	0.73	0.05	0.55				4.71
Roller	32'	MFWD 170	0.046	1.00	Nov	1.31	1.22	0.10	0.57	0.04	0.45				3.65
Ditcher		2WD 130	0.020	1.00	Nov	0.42	0.33	0.04	0.05	0.02	0.19				1.03
Sprayer(600-750Gal)	60'		0.017	1.00	Mar	0.64	0.95			0.02	0.35				1.94
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
2,4-D Amine 4	pt											1.0000	1.74	1.74	1.74
Valor WP	oz											1.5000	4.23	6.35	6.35
Plant & Pre Folding	8R-38	MFWD 170	0.080	1.00	Apr	2.25	2.09	1.20	2.39	0.16	1.54				9.47
Cotoran 4L	pt											1.2000	4.88	5.86	5.86
Cotton Seed BGII/RRF	thous											52.5000	0.61	32.03	32.03
Ammo 2.5 EC	oz											1.2800	0.92	1.18	1.18
BGII/RRF Cot Tech Fe	cap/ac											1.0000	69.25	69.25	69.25
Ditcher		2WD 130	0.020	1.00	Apr	0.42	0.33	0.04	0.05	0.02	0.19				1.03
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.40	2.01	0.83	0.97	0.11	1.12				7.33
LA Nitrogen	lb											90.0000	0.51	45.90	45.90
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.64	0.95			0.02	0.35				1.94
Dimethoate 4E	pt											0.4000	5.63	2.25	2.25
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Dual II Magnum	pt											1.0000	13.26	13.26	13.26
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.64	0.95			0.02	0.35				1.94
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Sprayer(600-750Gal)	60'		0.017	1.00	Jun	0.64	0.95			0.02	0.35				1.94
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Orthene 90S	lb											0.6000	3.25	1.95	1.95
Centric 40WG	oz											2.0000	4.22	8.44	8.44
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.00	4.00	4.00
Centric 40WG	oz											2.0000	4.22	8.44	8.44
Pix Plus	oz											12.0000	0.28	3.36	3.36
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jun	1.88	1.74	0.34	0.43	0.10	0.96				5.35
Layby Pro	qt											1.0000	11.68	11.68	11.68
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	4.00	4.00	4.00
Karate Z	oz											2.1300	2.87	6.11	6.11
Bidrin 8L	oz											6.0000	0.85	5.10	5.10
Pix Plus	oz											12.0000	0.28	3.36	3.36
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.00	4.00	4.00
Karate Z	oz											2.1300	2.87	6.11	6.11
Bidrin 8L	oz											6.0000	0.85	5.10	5.10
Diamond .83EC	pt											0.3750	16.28	6.11	6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.00	4.00	4.00
Orthene 90S	lb											0.6000	3.25	1.95	1.95
Karate Z	oz											2.1300	2.87	6.11	6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.00	4.00	4.00
Orthene 90S	lb											0.6000	3.25	1.95	1.95
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.50	5.50	5.50
Dropp SC	oz											1.2000	1.74	2.09	2.09
Prep	pt											1.3300	3.19	4.24	4.24
Def/Foalex	pt											0.7500	6.53	4.90	4.90
Cotton Picker-1st-BB	4R38"325hp		0.257	1.00	Sep	26.91	57.46			0.51	6.41				90.78
Module Builder-1st	6R-38(325)	MFWD 190	0.172	1.00	Sep	5.32	4.46	1.31	2.77	0.34	3.30				17.16
Boll Buggy-1st pick	4R38"325hp	MFWD 190	0.257	1.00	Sep	7.96	6.68	1.48	3.13	0.25	2.47				21.72
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Nov	2.03	1.76	1.70	1.06	0.08	0.79				7.34
Crop Consultant	acre			1.00	Nov							1.0000	9.50	9.50	9.50
Cotton Checkoff	bale			1.00	Nov							2.0800	2.56	5.32	5.32
Roll-Out Pipe Irr.	Acre				Jul	8.94	7.47	29.08	47.88	0.44	4.31	1.0000		6.60	104.28
TOTALS						72.94	98.33	38.22	63.59	2.58	26.65			402.68	702.41
INTEREST ON OPERATING CAPITAL															9.93
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															712.34

Table 8.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
 B2/RRFlex Cotton, Silty Soil, 8-Row Equipment,
 Irrigated, Macon Ridge Louisiana, 2011.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.30	0.33	0.35	0.38	0.42	0.46	0.51	0.57	0.66	0.77	0.92
PERCENT	YIELD	UNIT	-----dollars-----										
50	500.00	1b	-308	-297	-285	-270	-252	-231	-205	-173	-132	-77	0
			-470	-459	-447	-432	-414	-393	-367	-335	-294	-239	-161
60	600.00	1b	-278	-264	-249	-231	-210	-185	-154	-115	-66	0	92
			-439	-426	-411	-393	-372	-347	-316	-277	-228	-161	-69
70	700.00	1b	-247	-231	-213	-193	-168	-139	-102	-57	0	77	185
			-409	-393	-375	-355	-330	-300	-264	-219	-161	-84	23
80	800.00	1b	-216	-198	-178	-154	-126	-92	-51	0	66	154	278
			-378	-360	-340	-316	-288	-254	-213	-161	-95	-7	116
90	900.00	1b	-185	-165	-142	-115	-84	-46	0	57	132	231	370
			-347	-327	-304	-277	-246	-208	-161	-103	-29	69	208
100	1000.00	1b	-154	-132	-106	-77	-42	0	51	115	198	308	463
			-316	-294	-268	-239	-204	-161	-110	-46	36	147	301
110	1100.00	1b	-123	-99	-71	-38	0	46	102	173	264	386	556
			-285	-261	-233	-200	-161	-115	-58	11	102	224	394
120	1200.00	1b	-92	-66	-35	0	42	92	154	231	331	463	648
			-254	-228	-197	-161	-119	-69	-7	69	169	301	486
130	1300.00	1b	-61	-33	0	38	84	139	205	289	397	540	741
			-223	-195	-161	-123	-77	-22	44	127	235	378	579
140	1400.00	1b	-30	0	35	77	126	185	257	347	463	617	834
			-192	-161	-126	-84	-35	23	95	185	301	455	672
150	1500.00	1b	0	33	71	115	168	231	308	405	529	695	926
			-161	-128	-90	-46	6	69	147	243	367	533	764

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.

Table 8.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre
 B2/RRFlex Cotton, Silty Soil, 8-Row Equipment,
 Irrigated, Macon Ridge Louisiana, 2011.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.41	0.44	0.48	0.52	0.56	0.62	0.69	0.78	0.89	1.04	1.25
PERCENT	YIELD	UNIT	-----dollars-----										
50	500.00	1b	-254	-240	-222	-202	-179	-150	-116	-72	-16	57	161
			-416	-402	-384	-364	-341	-312	-277	-234	-178	-104	0
60	600.00	1b	-213	-195	-174	-150	-122	-88	-46	5	72	161	286
			-375	-357	-336	-312	-284	-250	-208	-156	-89	0	125
70	700.00	1b	-171	-150	-126	-98	-65	-25	22	83	161	266	412
			-333	-312	-288	-260	-227	-187	-138	-78	0	104	250
80	800.00	1b	-129	-106	-78	-46	-8	36	92	161	251	370	537
			-291	-268	-240	-208	-170	-125	-69	0	89	208	375
90	900.00	1b	-88	-61	-30	5	48	99	161	240	340	474	662
			-250	-223	-192	-156	-113	-62	0	78	178	312	500
100	1000.00	1b	-46	-16	17	57	105	161	231	318	429	578	787
			-208	-178	-144	-104	-56	0	69	156	268	416	625
110	1100.00	1b	-4	27	65	109	161	224	300	396	519	683	912
			-166	-134	-96	-52	0	62	138	234	357	521	750
120	1200.00	1b	36	72	113	161	218	286	370	474	608	787	1037
			-125	-89	-48	0	56	125	208	312	446	625	875
130	1300.00	1b	78	117	161	214	275	349	439	552	697	891	1162
			-83	-44	0	52	113	187	277	390	536	729	1000
140	1400.00	1b	120	161	210	266	332	412	509	630	787	995	1287
			-41	0	48	104	170	250	347	469	625	833	1125
150	1500.00	1b	161	206	258	318	389	474	578	709	876	1099	1412
			0	44	96	156	227	312	416	547	714	938	1250

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.

Table 9.A Estimated costs per Acre
 B2/RRFlex Cotton, Sandy Soil, 12-Row Equipment,
 Irrigated, Alluvial Soil, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (3 gal)	appl	4.00	5.0000	20.00	_____
App by Air (5 gal)	appl	5.50	1.0000	5.50	_____
HARVEST AIDS					
Dropp SC	oz	1.74	1.2000	2.09	_____
Prep	pt	3.19	1.3300	4.24	_____
Def/Folex	pt	6.53	0.7500	4.90	_____
FERTILIZERS					
LA Phosphate	lb	0.63	60.0000	37.80	_____
LA Potash	lb	0.48	60.0000	28.80	_____
LA Nitrogen	lb	0.51	90.0000	45.90	_____
HERBICIDES					
Roundup WeatherMax	oz	0.28	88.0000	24.64	_____
2,4-D Amine 4	pt	1.74	1.0000	1.74	_____
Valor WP	oz	4.23	1.5000	6.35	_____
Cotoran 4L	pt	4.88	1.2000	5.86	_____
Dual II Magnum	pt	13.26	1.0000	13.26	_____
Layby Pro	qt	11.68	1.0000	11.68	_____
INSECTICIDES					
Ammo 2.5 EC	oz	0.92	1.2800	1.18	_____
Dimethoate 4E	pt	5.63	0.4000	2.25	_____
Orthene 90S	lb	3.25	1.8000	5.85	_____
Centric 40WG	oz	4.22	4.0000	16.88	_____
Karate Z	oz	2.87	6.3900	18.34	_____
Bidrin 8L	oz	0.85	12.0000	10.20	_____
Diamond .83EC	pt	16.28	0.7500	12.21	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
SEED/PLANTS					
Cotton Seed BGII/RRF	thous	0.61	52.5000	32.03	_____
TECHNOLOGY FEE					
BGII/RRF Cot Tech Fe	cap/ac	69.25	1.0000	69.25	_____
Eradication Fee	acre	6.00	1.0000	6.00	_____
GROWTH REGULATORS					
Pix Plus	oz	0.28	24.0000	6.72	_____
SERVICE FEE					
Crop Consultant	acre	9.50	1.0000	9.50	_____
Cotton Checkoff	bale	2.56	2.2900	5.86	_____
OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3283	5.02	_____
IRRIGATION LABOR					
Implements	hour	9.60	0.0062	0.06	_____
HAND LABOR					
Self-Propelled	hour	9.60	0.2930	2.79	_____
LA Hired Labor					
Implements	hour	9.60	0.3851	3.69	_____
Tractors	hour	9.60	1.3431	12.89	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
DIESEL FUEL					
Tractors	gal	2.75	13.1045	36.05	_____
Self-Propelled	gal	2.75	5.3686	14.77	_____
Roll-Out Pipe Irr.	gal	2.75	8.5535	23.52	_____
REPAIR & MAINTENANCE					
Implements	Acre	9.68	1.0000	9.68	_____
Tractors	Acre	5.48	1.0000	5.48	_____
Self-Propelled	Acre	14.70	1.0000	14.70	_____
Roll-Out Pipe Irr.	Acre	5.16	1.0000	5.16	_____
INTEREST ON OP. CAP.	Acre	9.98	1.0000	9.98	_____
TOTAL DIRECT EXPENSES				560.86	_____
FIXED EXPENSES					
Implements	Acre	17.30	1.0000	17.30	_____
Tractors	Acre	35.44	1.0000	35.44	_____
Self-Propelled	Acre	61.26	1.0000	61.26	_____
Roll-Out Pipe Irr.	Acre	46.78	1.0000	46.78	_____
TOTAL FIXED EXPENSES				160.78	_____
TOTAL SPECIFIED EXPENSES				721.64	_____

Table 9.B Estimated resource use and costs for field operations, per Acre
 B2/RRFlex Cotton, Sandy Soil, 12-Row Equipment,
 Irrigated, Alluvial Soil, Louisiana, 2011.

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-----			
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.50	1.26	0.06	0.16	0.04	0.47				3.45
Paratill & Bed Fold.	12R-38	MFWD 225	0.053	0.50	Nov	1.00	0.88	0.62	1.12	0.02	0.26				3.88
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	1.00	Nov	1.91	1.69	0.53	0.62	0.07	0.75				5.50
LA Phosphate	lb											60.0000	0.63	37.80	37.80
LA Potash	lb											60.0000	0.48	28.80	28.80
Disk Bed (Hipper)	12R-38	MFWD 225	0.049	1.00	Nov	1.82	1.62	0.29	0.78	0.04	0.47				4.98
Row Cond (Harrow)	38'	MFWD 225	0.039	1.00	Nov	1.45	1.29	0.16	0.71	0.03	0.38				3.99
Roller	32'	MFWD 170	0.046	1.00	Nov	1.31	1.22	0.10	0.57	0.04	0.45				3.65
Ditcher		2WD 130	0.020	1.00	Nov	0.42	0.33	0.04	0.05	0.02	0.19				1.03
Sprayer (600-750Gal)	60'		0.017	1.00	Mar	0.64	0.95			0.02	0.35				1.94
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
2,4-D Amine 4	pt											1.0000	1.74	1.74	1.74
Valor WP	oz											1.5000	4.23	6.35	6.35
Plant & Pre Folding	12R-38	MFWD 190	0.053	1.00	Apr	1.65	1.38	1.32	2.63	0.10	1.02				8.00
Cotoran 4L	pt											1.2000	4.88	5.86	5.86
Cotton Seed BGII/RRF	thous											52.5000	0.61	32.03	32.03
Ammo 2.5 EC	oz											1.2800	0.92	1.18	1.18
BGII/RRF Cot Tech Fe cap/ac												1.0000	69.25	69.25	69.25
Ditcher		2WD 130	0.020	1.00	Apr	0.42	0.33	0.04	0.05	0.02	0.19				1.03
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	1.00	Apr	1.91	1.69	0.53	0.62	0.07	0.75				5.50
LA Nitrogen	lb											90.0000	0.51	45.90	45.90
Sprayer (600-750Gal)	60'		0.017	1.00	May	0.64	0.95			0.02	0.35				1.94
Dimethoate 4E	pt											0.4000	5.63	2.25	2.25
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Dual II Magnum	pt											1.0000	13.26	13.26	13.26
Sprayer (600-750Gal)	60'		0.017	1.00	May	0.64	0.95			0.02	0.35				1.94
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Sprayer (600-750Gal)	60'		0.017	1.00	Jun	0.64	0.95			0.02	0.35				1.94
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Orthene 90S	lb											0.6000	3.25	1.95	1.95
Centric 40WG	oz											2.0000	4.22	8.44	8.44
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.00	4.00	4.00
Centric 40WG	oz											2.0000	4.22	8.44	8.44
Pix Plus	oz											12.0000	0.28	3.36	3.36
Spray (Direct/Layby)	12R-38	MFWD 170	0.044	1.00	Jun	1.25	1.16	0.44	0.55	0.06	0.64				4.04
Layby Pro	qt											1.0000	11.68	11.68	11.68
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	4.00	4.00	4.00
Karate Z	oz											2.1300	2.87	6.11	6.11
Bidrin 8L	oz											6.0000	0.85	5.10	5.10
Pix Plus	oz											12.0000	0.28	3.36	3.36
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.00	4.00	4.00
Karate Z	oz											2.1300	2.87	6.11	6.11
Bidrin 8L	oz											6.0000	0.85	5.10	5.10
Diamond .83EC	pt											0.3750	16.28	6.11	6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.00	4.00	4.00
Orthene 90S	lb											0.6000	3.25	1.95	1.95
Karate Z	oz											2.1300	2.87	6.11	6.11
Diamond .83EC	pt											0.3750	16.28	6.11	6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.00	4.00	4.00
Orthene 90S	lb											0.6000	3.25	1.95	1.95
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.50	5.50	5.50
Dropp SC	oz											1.2000	1.74	2.09	2.09
Prep	pt											1.3300	3.19	4.24	4.24
Def/Folex	pt											0.7500	6.53	4.90	4.90
Cotton Picker-1st-BB	4R38"325hp		0.257	1.00	Sep	26.91	57.46			0.51	6.41				90.78
Module Builder-1st	4R-38(325)	MFWD 190	0.257	1.00	Sep	7.96	6.68	1.97	4.15	0.51	4.94				25.70
Boll Buggy-1st pick	4R38"325hp	MFWD 190	0.257	1.00	Sep	7.96	6.68	1.48	3.13	0.25	2.47				21.72
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Nov	2.03	1.76	1.70	1.06	0.08	0.79				7.34
Crop Consultant	acre			1.00	Nov							1.0000	9.50	9.50	9.50
Cotton Checkoff	bale			1.00	Nov							2.2900	2.56	5.86	5.86
Roll-Out Pipe Irr.	Acre				Jul	8.94	7.47	29.08	47.88	0.44	4.31	1.0000		6.60	104.28
TOTALS						71.00	96.70	38.36	64.08	2.50	25.89			415.63	711.66
INTEREST ON OPERATING CAPITAL															9.98
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															721.64

Table 9.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
 B2/RRFlex Cotton, Sandy Soil, 12-Row Equipment,
 Irrigated, Alluvial Soil, Louisiana, 2011.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.28	0.30	0.32	0.35	0.38	0.42	0.46	0.52	0.60	0.70	0.84
PERCENT	YIELD	UNIT	-----dollars-----										
50	550.00	1b	-309	-298	-286	-271	-253	-232	-206	-174	-132	-77	0
			-470	-459	-446	-431	-414	-393	-367	-335	-293	-238	-160
60	660.00	1b	-278	-265	-250	-232	-211	-185	-154	-116	-66	0	92
			-439	-426	-411	-393	-372	-346	-315	-276	-227	-160	-67
70	770.00	1b	-247	-232	-214	-193	-169	-139	-103	-58	0	77	185
			-408	-393	-375	-354	-329	-300	-264	-218	-160	-83	25
80	880.00	1b	-216	-199	-178	-154	-126	-92	-51	0	66	154	278
			-377	-360	-339	-315	-287	-253	-212	-160	-94	-5	118
90	990.00	1b	-185	-166	-143	-116	-84	-46	0	58	132	232	371
			-346	-326	-303	-276	-245	-207	-160	-102	-27	71	211
100	1100.00	1b	-154	-132	-107	-77	-42	0	51	116	199	309	464
			-315	-293	-268	-238	-203	-160	-109	-44	38	149	304
110	1210.00	1b	-123	-99	-71	-38	0	46	103	174	265	387	557
			-284	-260	-232	-199	-160	-114	-57	13	104	226	397
120	1320.00	1b	-92	-66	-35	0	42	92	154	232	332	464	650
			-253	-227	-196	-160	-118	-67	-5	71	171	304	490
130	1430.00	1b	-61	-33	0	38	84	139	206	290	398	542	743
			-222	-193	-160	-122	-76	-21	45	129	237	381	582
140	1540.00	1b	-30	0	35	77	126	185	258	348	464	619	836
			-191	-160	-125	-83	-34	25	97	187	304	459	675
150	1650.00	1b	0	33	71	116	169	232	309	406	531	697	929
			-160	-127	-89	-44	8	71	149	245	370	536	768

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.

Table 9.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre
 B2/RRFlex Cotton, Sandy Soil, 12-Row Equipment,
 Irrigated, Alluvial Soil, Louisiana, 2011.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.37	0.40	0.43	0.47	0.51	0.56	0.63	0.71	0.81	0.94	1.13
PERCENT	YIELD	UNIT	-----dollars-----										
50	550.00	1b	-256	-241	-224	-204	-180	-152	-117	-73	-17	56	160
			-417	-402	-385	-364	-341	-312	-278	-234	-178	-104	0
60	660.00	1b	-214	-196	-176	-152	-123	-89	-47	4	71	160	285
			-375	-357	-336	-312	-284	-250	-208	-156	-89	0	125
70	770.00	1b	-172	-152	-127	-99	-66	-26	21	82	160	265	411
			-333	-312	-288	-260	-227	-187	-139	-78	0	104	250
80	880.00	1b	-131	-107	-79	-47	-9	35	91	160	250	369	536
			-291	-268	-240	-208	-170	-125	-69	0	89	208	375
90	990.00	1b	-89	-62	-31	4	47	98	160	238	339	473	661
			-250	-223	-192	-156	-113	-62	0	78	178	312	500
100	1100.00	1b	-47	-17	16	56	103	160	230	317	428	577	786
			-208	-178	-144	-104	-56	0	69	156	268	417	625
110	1210.00	1b	-6	26	64	108	160	223	299	395	518	682	911
			-166	-134	-96	-52	0	62	139	234	357	521	750
120	1320.00	1b	35	71	112	160	217	285	369	473	607	786	1036
			-125	-89	-48	0	56	125	208	312	446	625	875
130	1430.00	1b	77	116	160	212	274	348	438	551	697	890	1161
			-83	-44	0	52	113	187	278	391	536	729	1001
140	1540.00	1b	119	160	208	265	331	411	508	630	786	994	1286
			-41	0	48	104	170	250	347	469	625	834	1126
150	1650.00	1b	160	205	257	317	388	473	577	708	875	1099	1412
			0	44	96	156	227	312	417	547	715	938	1251

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.

Table 10.A Estimated costs per Acre
 RR Soybeans, Stale Seedbed, 8- 38"Row Equipment
 Alluvial Soils, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	5.50	3.0000	16.50	_____
App by Air (3 gal)	appl	4.00	3.0000	12.00	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.25	16.0000	4.00	_____
FERTILIZERS					
LA Phosphate	lb	0.63	50.0000	31.50	_____
LA Potash	lb	0.48	50.0000	24.00	_____
FUNGICIDES					
Quadris	oz	2.52	6.0000	15.12	_____
Stratego	pt	17.77	0.6250	11.11	_____
HERBICIDES					
Roundup WeatherMax	oz	0.28	66.0000	18.48	_____
2,4-D Amine 4	pt	1.74	1.0000	1.74	_____
Valor WP	oz	4.23	2.0000	8.46	_____
Dual II Magnum	pt	13.26	1.0000	13.26	_____
Flexstar HL	pt	15.24	1.0000	15.24	_____
INSECTICIDES					
Brigade EC	pt	15.10	0.7500	11.33	_____
Orthene 90S	lb	3.25	0.6000	1.95	_____
Intrepid 2F	oz	1.66	6.0000	9.96	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.99	50.0000	49.50	_____
ADJUVANTS					
Surfactant	pt	2.44	1.0000	2.44	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	46.00	0.3300	15.18	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.18	40.0000	7.20	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
LA Hired Labor					
Implements	hour	9.60	0.1345	1.29	_____
Tractors	hour	9.60	0.4272	4.11	_____
DIESEL FUEL					
Tractors	gal	2.75	4.0612	11.17	_____
Harvesters	gal	2.75	1.2047	3.31	_____
REPAIR & MAINTENANCE					
Implements	Acre	3.79	1.0000	3.79	_____
Tractors	Acre	1.72	1.0000	1.72	_____
Harvesters	Acre	2.05	1.0000	2.05	_____
INTEREST ON OP. CAP.	Acre	5.01	1.0000	5.01	_____
TOTAL DIRECT EXPENSES				302.71	_____
FIXED EXPENSES					
Implements	Acre	6.82	1.0000	6.82	_____
Tractors	Acre	11.19	1.0000	11.19	_____
Harvesters	Acre	8.33	1.0000	8.33	_____
TOTAL FIXED EXPENSES				26.34	_____
TOTAL SPECIFIED EXPENSES				329.05	_____

Table 10.B Estimated resource use and costs for field operations, per Acre
 RR Soybeans, Stale Seedbed, 8- 38"Row Equipment
 Alluvial Soils, Louisiana, 2011.

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-----			
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Oct	2.40	2.01	0.83	0.97	0.11	1.12				7.33
LA Phosphate	lb											50.0000	0.63	31.50	31.50
LA Potash	lb											50.0000	0.48	24.00	24.00
Lime (Spread)	ton			0.33	Oct							0.3300	46.00	15.18	15.18
Disk Harrow	28'	MFWD 225	0.070	1.00	Oct	2.58	2.30	0.76	1.67	0.07	0.67				7.98
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.50	1.26	0.06	0.16	0.04	0.47				3.45
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Oct	2.29	1.92	0.28	0.76	0.07	0.71				5.96
Ditcher		2WD 130	0.020	1.00	Oct	0.42	0.33	0.04	0.05	0.02	0.19				1.03
App by Air (5 gal)	appl			1.00	Mar							1.0000	5.50	5.50	5.50
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
2,4-D Amine 4	pt											1.0000	1.74	1.74	1.74
Valor WP	oz											2.0000	4.23	8.46	8.46
Plant - Folding	8R-38	MFWD 170	0.074	1.00	May	2.09	1.94	0.98	1.95	0.14	1.44				8.40
Soybean Seed RR	lb											50.0000	0.99	49.50	49.50
Ditcher		2WD 130	0.020	1.00	May	0.42	0.33	0.04	0.05	0.02	0.19				1.03
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	1.19	1.10	0.13	0.16	0.06	0.61				3.19
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Dual II Magnum	pt											1.0000	13.26	13.26	13.26
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Flexstar HL	pt											1.0000	15.24	15.24	15.24
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.00	4.00	4.00
Brigade EC	pt											0.3750	15.10	5.66	5.66
Quadris	oz											6.0000	2.52	15.12	15.12
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.00	4.00	4.00
Orthene 90S	lb											0.6000	3.25	1.95	1.95
Stratego	pt											0.6250	17.77	11.11	11.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.00	4.00	4.00
Brigade EC	pt											0.3750	15.10	5.66	5.66
Intrepid 2F	oz											6.0000	1.66	9.96	9.96
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.50	5.50	5.50
Gramoxone Inteon	oz											16.0000	0.25	4.00	4.00
Surfactant	pt											1.0000	2.44	2.44	2.44
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	5.36	8.33	0.67	1.05	0.08	1.30				16.71
Haul Soybeans	bu			1.00	Oct							40.0000	0.18	7.20	7.20
TOTALS						18.25	19.52	3.79	6.82	0.64	6.70			268.96	324.04
INTEREST ON OPERATING CAPITAL															5.01
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															329.05

Table 10.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
 RR Soybeans, Stale Seedbed, 8- 38"Row Equipment
 Alluvial Soils, Louisiana, 2011.

			-----BREAKEVEN PRICE-----										
Soybeans			5.10	5.45	5.86	6.33	6.89	7.56	8.38	9.41	10.73	12.49	14.95
PERCENT	YIELD	UNIT	-----dollars-----										
50	20.00	bu	-196	-189	-181	-172	-161	-147	-131	-110	-84	-49	0
			-223	-216	-208	-198	-187	-174	-157	-137	-110	-75	-26
60	24.00	bu	-177	-168	-159	-147	-134	-118	-98	-73	-42	0	59
			-203	-195	-185	-174	-160	-144	-124	-100	-68	-26	32
70	28.00	bu	-157	-147	-136	-123	-107	-88	-65	-36	0	49	118
			-183	-174	-162	-149	-133	-114	-91	-63	-26	22	91
80	32.00	bu	-137	-126	-113	-98	-80	-59	-32	0	42	98	177
			-164	-152	-139	-124	-106	-85	-59	-26	15	72	150
90	36.00	bu	-118	-105	-90	-73	-53	-29	0	36	84	147	236
			-144	-131	-117	-100	-80	-55	-26	10	58	121	210
100	40.00	bu	-98	-84	-68	-49	-26	0	32	73	126	196	295
			-124	-110	-94	-75	-53	-26	6	47	100	170	269
110	44.00	bu	-78	-63	-45	-24	0	29	65	110	168	246	354
			-105	-89	-71	-50	-26	3	39	84	142	219	328
120	48.00	bu	-59	-42	-22	0	26	59	98	147	211	295	413
			-85	-68	-49	-26	0	32	72	121	184	269	387
130	52.00	bu	-39	-21	0	24	53	88	131	184	253	344	472
			-65	-47	-26	-1	27	62	104	158	226	318	446
140	56.00	bu	-19	0	22	49	80	118	164	221	295	393	531
			-46	-26	-3	22	54	91	137	195	269	367	505
150	60.00	bu	0	21	45	73	107	147	196	258	337	443	590
			-26	-5	19	47	81	121	170	232	311	416	564

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.

Table 10.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre
 RR Soybeans, Stale Seedbed, 8- 38"Row Equipment
 Alluvial Soils, Louisiana, 2011.

			-----BREAKEVEN PRICE-----										
Soybeans			5.54	5.92	6.36	6.88	7.49	8.22	9.12	10.23	11.67	13.58	16.27
PERCENT	YIELD	UNIT	-----dollars-----										
50	20.00	bu	-188	-180	-171	-161	-149	-134	-116	-94	-65	-27	26
			-214	-206	-198	-187	-175	-160	-143	-120	-91	-53	0
60	24.00	bu	-166	-157	-146	-134	-119	-102	-80	-54	-19	26	90
			-193	-183	-173	-160	-146	-128	-107	-80	-45	0	64
70	28.00	bu	-145	-134	-122	-107	-90	-70	-45	-13	26	79	155
			-171	-160	-148	-134	-117	-96	-71	-40	0	53	128
80	32.00	bu	-123	-111	-97	-80	-61	-38	-9	26	72	133	219
			-150	-137	-123	-107	-87	-64	-35	0	45	107	193
90	36.00	bu	-102	-88	-72	-54	-32	-5	26	66	118	187	283
			-128	-114	-99	-80	-58	-32	0	40	91	160	257
100	40.00	bu	-80	-65	-47	-27	-2	26	62	106	164	240	348
			-107	-91	-74	-53	-29	0	35	80	137	214	321
110	44.00	bu	-59	-42	-23	-0	26	58	97	147	210	294	412
			-85	-68	-49	-26	0	32	71	120	183	268	386
120	48.00	bu	-38	-19	1	26	55	90	133	187	256	348	476
			-64	-45	-24	0	29	64	107	160	229	321	450
130	52.00	bu	-16	3	26	53	84	122	169	227	302	401	541
			-42	-22	0	26	58	96	143	201	275	375	514
140	56.00	bu	4	26	51	79	114	155	205	267	348	455	605
			-21	0	24	53	87	128	178	241	321	429	579
150	60.00	bu	26	49	75	106	143	187	240	307	394	509	669
			0	22	49	80	117	160	214	281	367	482	643

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.

Table 11.A Estimated costs per Acre
 RR Soybeans, Stale Seedbed, 8-38" Row Equipment
 Irrigated, Alluvial Soils, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	5.50	2.0000	11.00	_____
App by Air (3 gal)	appl	4.00	4.0000	16.00	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.25	16.0000	4.00	_____
FERTILIZERS					
LA Phosphate	lb	0.63	50.0000	31.50	_____
LA Potash	lb	0.48	50.0000	24.00	_____
FUNGICIDES					
Quadris	oz	2.52	6.0000	15.12	_____
Stratego	pt	17.77	0.6250	11.11	_____
HERBICIDES					
Roundup WeatherMax	oz	0.28	66.0000	18.48	_____
2,4-D Amine 4	pt	1.74	1.0000	1.74	_____
Valor WP	oz	4.23	2.0000	8.46	_____
Dual II Magnum	pt	13.26	1.0000	13.26	_____
Flexstar HL	pt	15.24	1.0000	15.24	_____
INSECTICIDES					
Brigade EC	pt	15.10	0.7500	11.33	_____
Orthene 90S	lb	3.25	0.6000	1.95	_____
Intrepid 2F	oz	1.66	6.0000	9.96	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.99	50.0000	49.50	_____
ADJUVANTS					
Surfactant	pt	2.44	1.0000	2.44	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	46.00	0.3300	15.18	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.18	50.0000	9.00	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
IRRIGATION LABOR					
Implements	hour	9.60	0.0062	0.06	_____
LA Hired Labor					
Implements	hour	9.60	0.1345	1.29	_____
Tractors	hour	9.60	0.7203	6.92	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
DIESEL FUEL					
Tractors	gal	2.75	6.8886	18.95	_____
Harvesters	gal	2.75	1.2047	3.31	_____
Roll-Out Pipe Irr.	gal	2.75	4.8877	13.44	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.19	1.0000	4.19	_____
Tractors	Acre	2.88	1.0000	2.88	_____
Harvesters	Acre	2.05	1.0000	2.05	_____
Roll-Out Pipe Irr.	Acre	3.96	1.0000	3.96	_____
INTEREST ON OP. CAP.	Acre	5.56	1.0000	5.56	_____
TOTAL DIRECT EXPENSES				341.21	_____
FIXED EXPENSES					
Implements	Acre	7.94	1.0000	7.94	_____
Tractors	Acre	18.66	1.0000	18.66	_____
Harvesters	Acre	8.33	1.0000	8.33	_____
Roll-Out Pipe Irr.	Acre	46.78	1.0000	46.78	_____
TOTAL FIXED EXPENSES				81.71	_____
TOTAL SPECIFIED EXPENSES				422.92	_____

Table 11.B Estimated resource use and costs for field operations, per Acre
 RR Soybeans, Stale Seedbed, 8-38" Row Equipment
 Irrigated, Alluvial Soils, Louisiana, 2011.

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-----			
Lime (Spread)	ton			0.33	Oct							0.3300	46.00	15.18	15.18
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Oct	2.40	2.01	0.83	0.97	0.11	1.12				7.33
LA Phosphate	lb											50.0000	0.63	31.50	31.50
LA Potash	lb											50.0000	0.48	24.00	24.00
Disk Harrow	28'	MFWD 225	0.070	1.00	Oct	2.58	2.30	0.76	1.67	0.07	0.67				7.98
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.50	1.26	0.06	0.16	0.04	0.47				3.45
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	2.29	1.92	0.28	0.78	0.07	0.71				5.98
Ditcher		2WD 130	0.020	1.00	Oct	0.42	0.33	0.04	0.05	0.02	0.19				1.03
App by Air (5 gal)	appl			1.00	Mar							1.0000	5.50	5.50	5.50
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
2,4-D Amine 4	pt											1.0000	1.74	1.74	1.74
Valor WP	oz											2.0000	4.23	8.46	8.46
Plant - Folding	8R-38	MFWD 170	0.074	1.00	May	2.09	1.94	0.98	1.95	0.14	1.44				8.40
Soybean Seed RR	lb											50.0000	0.99	49.50	49.50
Ditcher		2WD 130	0.020	1.00	May	0.42	0.33	0.04	0.05	0.02	0.19				1.03
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	1.19	1.10	0.13	0.16	0.06	0.61				3.19
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Dual II Magnum	pt											1.0000	13.26	13.26	13.26
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Flexstar HL	pt											1.0000	15.24	15.24	15.24
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.00	4.00	4.00
Brigade EC	pt											0.3750	15.10	5.66	5.66
Quadris	oz											6.0000	2.52	15.12	15.12
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.00	4.00	4.00
Orthene 90S	lb											0.6000	3.25	1.95	1.95
Stratego	pt											0.6250	17.77	11.11	11.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.00	4.00	4.00
Brigade EC	pt											0.3750	15.10	5.66	5.66
Intrepid 2F	oz											6.0000	1.66	9.96	9.96
App by Air (3 gal)	appl			1.00	Sep							1.0000	4.00	4.00	4.00
Gramoxone Inteon	oz											16.0000	0.25	4.00	4.00
Surfactant	pt											1.0000	2.44	2.44	2.44
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	5.36	8.33	0.67	1.05	0.08	1.30				16.71
Haul Soybeans	bu			1.00	Oct							50.0000	0.18	9.00	9.00
Roll-Out Pipe Irr.	Acre				Jul	8.94	7.47	17.80	47.88	0.44	4.31			6.60	93.00
TOTALS						27.19	26.99	21.59	54.72	1.09	11.01			275.86	417.36
INTEREST ON OPERATING CAPITAL															5.56
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															422.92

Table 11.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
 RR Soybeans, Stale Seedbed, 8-38" Row Equipment
 Irrigated, Alluvial Soils, Louisiana, 2011.

			-----BREAKEVEN PRICE-----										
Soybeans			4.60	4.92	5.29	5.71	6.22	6.82	7.56	8.48	9.67	11.25	13.46
PERCENT	YIELD	UNIT	-----dollars-----										
50	25.00	bu	-221	-213	-204	-193	-181	-166	-147	-124	-94	-55	0
			-303	-295	-286	-275	-262	-247	-229	-206	-176	-137	-81
60	30.00	bu	-199	-189	-178	-166	-150	-132	-110	-83	-47	0	66
			-281	-271	-260	-247	-232	-214	-192	-164	-129	-81	-15
70	35.00	bu	-177	-166	-153	-138	-120	-99	-73	-41	0	55	132
			-258	-247	-235	-220	-202	-181	-155	-123	-81	-26	51
80	40.00	bu	-155	-142	-127	-110	-90	-66	-36	0	47	110	199
			-236	-224	-209	-192	-172	-148	-118	-81	-34	29	117
90	45.00	bu	-132	-118	-102	-83	-60	-33	0	41	94	166	265
			-214	-200	-183	-164	-142	-114	-81	-40	13	84	184
100	50.00	bu	-110	-94	-76	-55	-30	0	36	83	142	221	332
			-192	-176	-158	-137	-111	-81	-44	1	60	139	250
110	55.00	bu	-88	-71	-51	-27	0	33	73	124	189	276	398
			-170	-152	-132	-109	-81	-48	-7	42	108	195	316
120	60.00	bu	-66	-47	-25	0	30	66	110	166	237	332	465
			-148	-129	-107	-81	-51	-15	29	84	155	250	383
130	65.00	bu	-44	-23	0	27	60	99	147	207	284	387	531
			-125	-105	-81	-54	-21	17	65	125	202	305	449
140	70.00	bu	-22	0	25	55	90	132	184	249	332	442	597
			-103	-81	-56	-26	8	51	102	167	250	361	516
150	75.00	bu	0	23	51	83	120	166	221	290	379	498	664
			-81	-57	-30	1	39	84	139	208	297	416	582

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.

Table 11.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre
 RR Soybeans, Stale Seedbed, 8-38" Row Equipment
 Irrigated, Alluvial Soils, Louisiana, 2011.

			-----BREAKEVEN PRICE-----										
Soybeans			5.69	6.09	6.54	7.07	7.70	8.45	9.37	10.52	12.00	13.97	16.73
PERCENT	YIELD	UNIT	-----dollars-----										
50	25.00	bu	-194	-184	-172	-159	-144	-125	-102	-73	-36	12	81
			-275	-266	-254	-241	-225	-206	-183	-155	-118	-68	0
60	30.00	bu	-166	-154	-141	-125	-106	-83	-56	-21	22	81	164
			-248	-236	-222	-206	-188	-165	-137	-103	-59	0	82
70	35.00	bu	-139	-125	-109	-90	-68	-42	-10	29	81	150	247
			-220	-206	-191	-172	-150	-124	-91	-51	0	68	165
80	40.00	bu	-111	-95	-77	-56	-31	-1	35	81	140	219	330
			-193	-177	-159	-137	-112	-82	-45	0	59	137	248
90	45.00	bu	-83	-66	-45	-21	6	40	81	133	199	288	412
			-165	-147	-127	-103	-75	-41	0	51	118	206	331
100	50.00	bu	-56	-36	-13	12	44	81	127	185	259	357	495
			-137	-118	-95	-68	-37	0	45	103	177	275	413
110	55.00	bu	-28	-6	18	47	81	123	173	236	318	426	578
			-110	-88	-63	-34	0	41	91	155	236	344	496
120	60.00	bu	-1	22	49	81	119	164	219	288	377	495	661
			-82	-59	-31	0	37	82	137	206	295	413	579
130	65.00	bu	26	52	81	116	156	205	265	340	436	564	743
			-55	-29	0	34	75	124	183	258	354	482	662
140	70.00	bu	54	81	113	150	194	247	311	392	495	633	826
			-27	0	31	68	112	165	229	310	413	551	744
150	75.00	bu	81	111	145	185	232	288	357	443	554	702	909
			0	29	63	103	150	206	275	362	472	620	827

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.

Table 12.A Estimated costs per Acre
 RR Soybeans, Stale Seedbed, 12-20"Row Equipment
 Alluvial Soils, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	5.50	3.0000	16.50	_____
App by Air (3 gal)	appl	4.00	3.0000	12.00	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.25	16.0000	4.00	_____
FERTILIZERS					
LA Phosphate	lb	0.63	50.0000	31.50	_____
LA Potash	lb	0.48	50.0000	24.00	_____
FUNGICIDES					
Quadris	oz	2.52	6.0000	15.12	_____
Stratego	pt	17.77	0.6250	11.11	_____
HERBICIDES					
Roundup WeatherMax	oz	0.28	66.0000	18.48	_____
2,4-D Amine 4	pt	1.74	1.0000	1.74	_____
Valor WP	oz	4.23	2.0000	8.46	_____
Dual II Magnum	pt	13.26	1.0000	13.26	_____
Flexstar HL	pt	15.24	1.0000	15.24	_____
INSECTICIDES					
Brigade EC	pt	15.10	0.7500	11.33	_____
Orthene 90S	lb	3.25	0.6000	1.95	_____
Intrepid 2F	oz	1.66	6.0000	9.96	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.99	50.0000	49.50	_____
ADJUVANTS					
Surfactant	pt	2.44	1.0000	2.44	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	46.00	0.3300	15.18	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.18	40.0000	7.20	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
LA Hired Labor					
Implements	hour	9.60	0.1586	1.52	_____
Tractors	hour	9.60	0.3542	3.40	_____
DIESEL FUEL					
Tractors	gal	2.75	3.4392	9.46	_____
Harvesters	gal	2.75	1.2047	3.31	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.11	1.0000	4.11	_____
Tractors	Acre	1.44	1.0000	1.44	_____
Harvesters	Acre	2.05	1.0000	2.05	_____
INTEREST ON OP. CAP.	Acre	5.05	1.0000	5.05	_____
TOTAL DIRECT EXPENSES				300.60	_____
FIXED EXPENSES					
Implements	Acre	7.95	1.0000	7.95	_____
Tractors	Acre	9.35	1.0000	9.35	_____
Harvesters	Acre	8.33	1.0000	8.33	_____
TOTAL FIXED EXPENSES				25.63	_____
TOTAL SPECIFIED EXPENSES				326.23	_____

Table 12.B Estimated resource use and costs for field operations, per Acre
 RR Soybeans, Stale Seedbed, 12-20"Row Equipment
 Alluvial Soils, Louisiana, 2011.

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-----			
Fert Appl (Liquid)	12R-30	MFWD 225	0.078	1.00	Oct	2.90	2.58	0.95	1.11	0.11	1.13				8.67
LA Phosphate	lb											50.0000	0.63	31.50	31.50
LA Potash	lb											50.0000	0.48	24.00	24.00
Lime (Spread)	ton			0.33	Oct							0.3300	46.00	15.18	15.18
Field Cultivate	32'	MFWD 190	0.046	1.00	Oct	1.44	1.21	0.45	1.96	0.04	0.45				5.51
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.50	1.26	0.06	0.16	0.04	0.47				3.45
Ditcher		2WD 130	0.020	1.00	Oct	0.42	0.33	0.04	0.05	0.02	0.19				1.03
App by Air (5 gal)	appl			1.00	Mar							1.0000	5.50	5.50	5.50
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
2,4-D Amine 4	pt											1.0000	1.74	1.74	1.74
Valor WP	oz											2.0000	4.23	8.46	8.46
NT Plant-Rigid	12R-20	MFWD 190	0.098	1.00	May	3.03	2.54	1.63	3.23	0.19	1.88				12.31
Soybean Seed RR	lb											50.0000	0.99	49.50	49.50
Ditcher		2WD 130	0.020	1.00	May	0.42	0.33	0.04	0.05	0.02	0.19				1.03
Spray (Bcast/HE)	40' Fold	MFWD 170	0.042	1.00	May	1.19	1.10	0.27	0.34	0.06	0.61				3.51
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Dual II Magnum	pt											1.0000	13.26	13.26	13.26
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Flexstar HL	pt											1.0000	15.24	15.24	15.24
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.00	4.00	4.00
Brigade EC	pt											0.3750	15.10	5.66	5.66
Quadris	oz											6.0000	2.52	15.12	15.12
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.00	4.00	4.00
Orthene 90S	lb											0.6000	3.25	1.95	1.95
Stratego	pt											0.6250	17.77	11.11	11.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.00	4.00	4.00
Brigade EC	pt											0.3750	15.10	5.66	5.66
Intrepid 2F	oz											6.0000	1.66	9.96	9.96
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.50	5.50	5.50
Gramoxone Inteon	oz											16.0000	0.25	4.00	4.00
Surfactant	pt											1.0000	2.44	2.44	2.44
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	5.36	8.33	0.67	1.05	0.08	1.30				16.71
Haul Soybeans	bu			1.00	Oct							40.0000	0.18	7.20	7.20
TOTALS						16.26	17.68	4.11	7.95	0.59	6.22			268.96	321.18
INTEREST ON OPERATING CAPITAL															5.05
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															326.23

Table 12.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
 RR Soybeans, Stale Seedbed, 12-20"Row Equipment
 Alluvial Soils, Louisiana, 2011.

			-----BREAKEVEN PRICE-----										
Soybeans			5.07	5.41	5.82	6.29	6.84	7.51	8.32	9.34	10.65	12.40	14.84
PERCENT	YIELD	UNIT	-----dollars-----										
50	20.00	bu	-195	-188	-180	-171	-160	-146	-130	-110	-83	-48	0
			-221	-214	-206	-196	-185	-172	-156	-135	-109	-74	-25
60	24.00	bu	-176	-167	-157	-146	-133	-117	-97	-73	-41	0	58
			-201	-193	-183	-172	-158	-142	-123	-98	-67	-25	33
70	28.00	bu	-156	-146	-135	-122	-106	-88	-65	-36	0	48	117
			-182	-172	-161	-147	-132	-113	-90	-62	-25	23	91
80	32.00	bu	-136	-125	-112	-97	-80	-58	-32	0	41	97	176
			-162	-151	-138	-123	-105	-84	-58	-25	16	72	150
90	36.00	bu	-117	-104	-90	-73	-53	-29	0	36	83	146	234
			-142	-130	-115	-98	-78	-54	-25	11	58	121	209
100	40.00	bu	-97	-83	-67	-48	-26	0	32	73	125	195	293
			-123	-109	-93	-74	-52	-25	6	47	100	169	267
110	44.00	bu	-78	-62	-45	-24	0	29	65	110	167	244	352
			-103	-88	-70	-50	-25	3	39	84	141	218	326
120	48.00	bu	-58	-41	-22	0	26	58	97	146	209	293	410
			-84	-67	-48	-25	1	33	72	121	183	267	385
130	52.00	bu	-39	-20	0	24	53	88	130	183	251	342	469
			-64	-46	-25	-1	27	62	104	157	225	316	443
140	56.00	bu	-19	0	22	48	80	117	162	220	293	391	528
			-45	-25	-3	23	54	91	137	194	267	365	502
150	60.00	bu	0	20	45	73	106	146	195	256	335	440	586
			-25	-4	19	47	81	121	169	231	309	414	561

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.

Table 12.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre
 RR Soybeans, Stale Seedbed, 12-20"Row Equipment
 Alluvial Soils, Louisiana, 2011.

			-----BREAKEVEN PRICE-----										
Soybeans			5.49	5.87	6.31	6.82	7.43	8.15	9.04	10.14	11.57	13.47	16.13
PERCENT	YIELD	UNIT	-----dollars-----										
50	20.00	bu	-187	-179	-170	-160	-148	-133	-116	-93	-65	-27	25
			-212	-205	-196	-186	-173	-159	-141	-119	-91	-53	0
60	24.00	bu	-165	-156	-146	-133	-119	-101	-80	-54	-19	25	89
			-191	-182	-171	-159	-144	-127	-106	-79	-45	0	63
70	28.00	bu	-144	-133	-121	-107	-90	-70	-45	-14	25	78	153
			-170	-159	-147	-132	-115	-95	-70	-39	0	53	127
80	32.00	bu	-123	-111	-97	-80	-61	-38	-9	25	71	131	217
			-148	-136	-122	-106	-86	-63	-35	0	45	106	191
90	36.00	bu	-101	-88	-72	-54	-32	-6	25	65	116	185	280
			-127	-113	-98	-79	-57	-31	0	39	91	159	255
100	40.00	bu	-80	-65	-47	-27	-3	25	61	105	162	238	344
			-106	-91	-73	-53	-28	0	35	79	136	212	318
110	44.00	bu	-59	-42	-23	-0	25	57	96	145	207	291	408
			-85	-68	-49	-26	0	31	70	119	182	265	382
120	48.00	bu	-38	-19	1	25	54	89	131	185	253	344	472
			-63	-45	-24	0	28	63	106	159	227	318	446
130	52.00	bu	-16	2	25	52	83	121	167	224	299	397	535
			-42	-22	0	26	57	95	141	199	273	372	510
140	56.00	bu	4	25	50	78	112	153	202	264	344	450	599
			-21	0	24	53	86	127	177	239	318	425	574
150	60.00	bu	25	48	74	105	141	185	238	304	390	504	663
			0	22	49	79	115	159	212	279	364	478	637

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.

Table 13.A Estimated costs per Acre
 RR Soybeans, Stale Seedbed, 12- 20"Row Equipment
 Irrigated, Alluvial Soils, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	5.50	3.0000	16.50	_____
App by Air (3 gal)	appl	4.00	3.0000	12.00	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.25	16.0000	4.00	_____
FERTILIZERS					
LA Phosphate	lb	0.63	50.0000	31.50	_____
LA Potash	lb	0.48	50.0000	24.00	_____
FUNGICIDES					
Quadris	oz	2.52	6.0000	15.12	_____
Stratego	pt	17.77	0.6250	11.11	_____
HERBICIDES					
Roundup WeatherMax	oz	0.28	66.0000	18.48	_____
2,4-D Amine 4	pt	1.74	1.0000	1.74	_____
Valor WP	oz	4.23	2.0000	8.46	_____
Dual II Magnum	pt	13.26	1.0000	13.26	_____
Flexstar HL	pt	15.24	1.0000	15.24	_____
INSECTICIDES					
Brigade EC	pt	15.10	0.7500	11.33	_____
Orthene 90S	lb	3.25	0.6000	1.95	_____
Intrepid 2F	oz	1.66	6.0000	9.96	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.99	50.0000	49.50	_____
ADJUVANTS					
Surfactant	pt	2.44	1.0000	2.44	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	46.00	0.3300	15.18	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.18	50.0000	9.00	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
IRRIGATION LABOR					
Implements	hour	9.60	0.0062	0.06	_____
LA Hired Labor					
Implements	hour	9.60	0.1586	1.52	_____
Tractors	hour	9.60	0.6473	6.21	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
DIESEL FUEL					
Tractors	gal	2.75	6.2667	17.24	_____
Harvesters	gal	2.75	1.2047	3.31	_____
Roll-Out Pipe Irr.	gal	2.75	4.8877	13.44	_____
REPAIR & MAINTENANCE					
Implements	Acre	5.02	1.0000	5.02	_____
Tractors	Acre	2.60	1.0000	2.60	_____
Harvesters	Acre	2.05	1.0000	2.05	_____
Roll-Out Pipe Irr.	Acre	3.96	1.0000	3.96	_____
INTEREST ON OP. CAP.	Acre	5.63	1.0000	5.63	_____
TOTAL DIRECT EXPENSES				341.14	_____
FIXED EXPENSES					
Implements	Acre	10.15	1.0000	10.15	_____
Tractors	Acre	16.82	1.0000	16.82	_____
Harvesters	Acre	8.33	1.0000	8.33	_____
Roll-Out Pipe Irr.	Acre	46.78	1.0000	46.78	_____
TOTAL FIXED EXPENSES				82.08	_____
TOTAL SPECIFIED EXPENSES				423.22	_____

Table 13.B Estimated resource use and costs for field operations, per Acre
 RR Soybeans, Stale Seedbed, 12- 20"Row Equipment
 Irrigated, Alluvial Soils, Louisiana, 2011.

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-----			
Fert Appl (Liquid)	12R-30	MFWD 225	0.078	1.00	Oct	2.90	2.58	0.95	1.11	0.11	1.13				8.67
LA Phosphate	lb											50.0000	0.63	31.50	31.50
LA Potash	lb											50.0000	0.48	24.00	24.00
Lime (Spread)	ton			0.33	Oct							0.3300	46.00	15.18	15.18
Field Cultivate	32'	MFWD 190	0.046	1.00	Oct	1.44	1.21	0.45	1.96	0.04	0.45				5.51
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.50	1.26	0.06	0.16	0.04	0.47				3.45
Ditcher		2WD 130	0.020	1.00	Oct	0.42	0.33	0.04	0.05	0.02	0.19				1.03
App by Air (5 gal)	appl			1.00	Mar							1.0000	5.50	5.50	5.50
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
2,4-D Amine 4	pt											1.0000	1.74	1.74	1.74
Valor WP	oz											2.0000	4.23	8.46	8.46
NT Plant-Folding	12R-20	MFWD 190	0.098	1.00	May	3.03	2.54	2.28	4.51	0.19	1.88				14.24
Soybean Seed RR	lb											50.0000	0.99	49.50	49.50
Ditcher		2WD 130	0.020	1.00	May	0.42	0.33	0.04	0.05	0.02	0.19				1.03
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	1.19	1.10	0.13	0.16	0.06	0.61				3.19
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Dual II Magnum	pt											1.0000	13.26	13.26	13.26
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Flexstar HL	pt											1.0000	15.24	15.24	15.24
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.00	4.00	4.00
Brigade EC	pt											0.3750	15.10	5.66	5.66
Quadris	oz											6.0000	2.52	15.12	15.12
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.00	4.00	4.00
Orthene 90S	lb											0.6000	3.25	1.95	1.95
Stratego	pt											0.6250	17.77	11.11	11.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.00	4.00	4.00
Brigade EC	pt											0.3750	15.10	5.66	5.66
Intrepid 2F	oz											6.0000	1.66	9.96	9.96
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.50	5.50	5.50
Gramoxone Inteon	oz											16.0000	0.25	4.00	4.00
Surfactant	pt											1.0000	2.44	2.44	2.44
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	5.36	8.33	0.67	1.05	0.08	1.30				16.71
Haul Soybeans	bu			1.00	Oct							50.0000	0.18	9.00	9.00
Roll-Out Pipe Irr.	Acre				Jul	8.94	7.47	17.80	47.88	0.44	4.31	1.0000		6.60	93.00
TOTALS						25.20	25.15	22.42	56.93	1.04	10.53			277.36	417.59
INTEREST ON OPERATING CAPITAL															5.63
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															423.22

Table 13.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
 RR Soybeans, Stale Seedbed, 12- 20"Row Equipment
 Irrigated, Alluvial Soils, Louisiana, 2011.

Soybeans			-----BREAKEVEN PRICE-----										
			4.60	4.92	5.29	5.71	6.21	6.82	7.56	8.48	9.66	11.25	13.46
PERCENT	YIELD	UNIT	-----dollars-----										
50	25.00	bu	-221	-213	-204	-193	-181	-166	-147	-124	-94	-55	0
			-303	-295	-286	-275	-263	-248	-229	-206	-176	-137	-82
60	30.00	bu	-199	-189	-178	-166	-150	-132	-110	-83	-47	0	66
			-281	-271	-260	-248	-233	-214	-192	-165	-129	-82	-15
70	35.00	bu	-177	-166	-153	-138	-120	-99	-73	-41	0	55	132
			-259	-248	-235	-220	-202	-181	-155	-123	-82	-26	50
80	40.00	bu	-154	-142	-127	-110	-90	-66	-36	0	47	110	199
			-237	-224	-209	-192	-172	-148	-118	-82	-34	28	117
90	45.00	bu	-132	-118	-102	-83	-60	-33	0	41	94	166	265
			-214	-200	-184	-165	-142	-115	-82	-40	12	83	183
100	50.00	bu	-110	-94	-76	-55	-30	0	36	83	142	221	332
			-192	-176	-158	-137	-112	-82	-45	0	60	139	250
110	55.00	bu	-88	-71	-51	-27	0	33	73	124	189	276	398
			-170	-153	-133	-109	-82	-48	-8	42	107	194	316
120	60.00	bu	-66	-47	-25	0	30	66	110	166	237	332	464
			-148	-129	-107	-82	-51	-15	28	83	155	250	382
130	65.00	bu	-44	-23	0	27	60	99	147	207	284	387	531
			-126	-105	-82	-54	-21	17	65	125	202	305	449
140	70.00	bu	-22	0	25	55	90	132	184	249	332	442	597
			-104	-82	-56	-26	8	50	102	166	250	360	515
150	75.00	bu	0	23	51	83	120	166	221	290	379	498	664
			-82	-58	-30	0	38	83	139	208	297	416	582

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.

Table 13.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre
 RR Soybeans, Stale Seedbed, 12- 20"Row Equipment
 Irrigated, Alluvial Soils, Louisiana, 2011.

Soybeans			-----BREAKEVEN PRICE-----										
			5.70	6.09	6.55	7.08	7.71	8.46	9.38	10.53	12.01	13.98	16.74
PERCENT	YIELD	UNIT	-----dollars-----										
50	25.00	bu	-194	-184	-172	-159	-143	-125	-101	-73	-36	13	82
			-276	-266	-254	-241	-225	-207	-184	-155	-118	-69	0
60	30.00	bu	-166	-154	-140	-125	-106	-83	-55	-21	22	82	164
			-248	-236	-223	-207	-188	-165	-138	-103	-59	0	82
70	35.00	bu	-138	-125	-109	-90	-68	-42	-9	30	82	151	247
			-220	-207	-191	-172	-150	-124	-92	-51	0	69	165
80	40.00	bu	-111	-95	-77	-55	-30	-0	36	82	141	220	330
			-193	-177	-159	-138	-112	-82	-46	0	59	138	248
90	45.00	bu	-83	-65	-45	-21	6	40	82	133	200	289	413
			-165	-147	-127	-103	-75	-41	0	51	118	207	331
100	50.00	bu	-55	-36	-13	13	44	82	128	185	259	358	496
			-138	-118	-95	-69	-37	0	46	103	177	276	414
110	55.00	bu	-28	-6	18	47	82	123	174	237	318	427	579
			-110	-88	-63	-34	0	41	92	155	236	345	496
120	60.00	bu	-0	22	50	82	119	164	220	289	377	496	661
			-82	-59	-31	0	37	82	138	207	295	414	579
130	65.00	bu	26	52	82	116	157	206	266	340	437	565	744
			-55	-29	0	34	75	124	184	258	354	483	662
140	70.00	bu	54	82	113	151	195	247	312	392	496	634	827
			-27	0	31	69	112	165	230	310	414	552	745
150	75.00	bu	82	111	145	185	232	289	358	444	555	703	910
			0	29	63	103	150	207	276	362	473	621	828

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.

Table 14.A Estimated costs per Acre
 RR Soybeans, Stale Seedbed, 8- 38"Row Equipment
 Irrigated, Macon Ridge, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	5.50	2.0000	11.00	_____
App by Air (3 gal)	appl	4.00	4.0000	16.00	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.25	16.0000	4.00	_____
FERTILIZERS					
LA Phosphate	lb	0.63	50.0000	31.50	_____
LA Potash	lb	0.48	50.0000	24.00	_____
FUNGICIDES					
Quadris	oz	2.52	6.0000	15.12	_____
Stratego	pt	17.77	0.6250	11.11	_____
HERBICIDES					
Roundup WeatherMax	oz	0.28	66.0000	18.48	_____
2,4-D Amine 4	pt	1.74	1.0000	1.74	_____
Valor WP	oz	4.23	2.0000	8.46	_____
Dual II Magnum	pt	13.26	1.0000	13.26	_____
Flexstar HL	pt	15.24	1.0000	15.24	_____
INSECTICIDES					
Brigade EC	pt	15.10	0.7500	11.33	_____
Orthene 90S	lb	3.25	0.6000	1.95	_____
Intrepid 2F	oz	1.66	6.0000	9.96	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.99	50.0000	49.50	_____
ADJUVANTS					
Surfactant	pt	2.44	1.0000	2.44	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.18	45.0000	8.10	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
IRRIGATION LABOR					
Implements	hour	9.60	0.0062	0.06	_____
LA Hired Labor					
Implements	hour	9.60	0.1345	1.29	_____
Tractors	hour	9.60	0.7203	6.92	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
DIESEL FUEL					
Tractors	gal	2.75	6.8886	18.95	_____
Harvesters	gal	2.75	1.2047	3.31	_____
Roll-Out Pipe Irr.	gal	2.75	4.8877	13.44	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.33	1.0000	4.33	_____
Tractors	Acre	2.88	1.0000	2.88	_____
Harvesters	Acre	2.05	1.0000	2.05	_____
Roll-Out Pipe Irr.	Acre	3.96	1.0000	3.96	_____
INTEREST ON OP. CAP.	Acre	5.45	1.0000	5.45	_____
TOTAL DIRECT EXPENSES				325.16	_____
FIXED EXPENSES					
Implements	Acre	8.10	1.0000	8.10	_____
Tractors	Acre	18.66	1.0000	18.66	_____
Harvesters	Acre	8.33	1.0000	8.33	_____
Roll-Out Pipe Irr.	Acre	46.78	1.0000	46.78	_____
TOTAL FIXED EXPENSES				81.87	_____
TOTAL SPECIFIED EXPENSES				407.03	_____

Table 14.B Estimated resource use and costs for field operations, per Acre
 RR Soybeans, Stale Seedbed, 8- 38"Row Equipment
 Irrigated, Macon Ridge, Louisiana, 2011.

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-----			
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Oct	2.40	2.01	0.83	0.97	0.11	1.12				7.33
LA Phosphate	lb											50.0000	0.63	31.50	31.50
LA Potash	lb											50.0000	0.48	24.00	24.00
Disk Harrow	28'	MFWD 225	0.070	1.00	Oct	2.58	2.30	0.76	1.67	0.07	0.67				7.98
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.50	1.26	0.06	0.16	0.04	0.47				3.45
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Oct	2.29	1.92	0.28	0.76	0.07	0.71				5.96
Ditcher		2WD 130	0.020	1.00	Oct	0.42	0.33	0.04	0.05	0.02	0.19				1.03
App by Air (5 gal)	appl			1.00	Mar							1.0000	5.50	5.50	5.50
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
2,4-D Amine 4	pt											1.0000	1.74	1.74	1.74
Valor WP	oz											2.0000	4.23	8.46	8.46
Plant - Folding	8R-38	MFWD 170	0.074	1.00	May	2.09	1.94	0.98	1.95	0.14	1.44				8.40
Soybean Seed RR	lb											50.0000	0.99	49.50	49.50
Ditcher		2WD 130	0.020	1.00	May	0.42	0.33	0.04	0.05	0.02	0.19				1.03
Spray (Bcast/HB)	40' Fold	MFWD 170	0.042	1.00	May	1.19	1.10	0.27	0.34	0.06	0.61				3.51
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Dual II Magnum	pt											1.0000	13.26	13.26	13.26
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Flexstar HL	pt											1.0000	15.24	15.24	15.24
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.00	4.00	4.00
Brigade EC	pt											0.3750	15.10	5.66	5.66
Quadris	oz											6.0000	2.52	15.12	15.12
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.00	4.00	4.00
Orthene 90S	lb											0.6250	3.25	1.95	1.95
Stratego	pt											0.6250	17.77	11.11	11.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.00	4.00	4.00
Brigade EC	pt											0.3750	15.10	5.66	5.66
Intrepid 2F	oz											6.0000	1.66	9.96	9.96
App by Air (3 gal)	appl			1.00	Sep							1.0000	4.00	4.00	4.00
Gramoxone Inteon	oz											16.0000	0.25	4.00	4.00
Surfactant	pt											1.0000	2.44	2.44	2.44
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	5.36	8.33	0.67	1.05	0.08	1.30				16.71
Haul Soybeans	bu			1.00	Oct							45.0000	0.18	8.10	8.10
Roll-Out Pipe Irr.	Acre				Jul	8.94	7.47	17.80	47.88	0.44	4.31	1.0000		6.60	93.00
TOTALS						27.19	26.99	21.73	54.88	1.09	11.01			259.78	401.58
INTEREST ON OPERATING CAPITAL															5.45
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															407.03

Table 14.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
 RR Soybeans, Stale Seedbed, 8- 38"Row Equipment
 Irrigated, Macon Ridge, Louisiana, 2011.

Soybeans			-----BREAKEVEN PRICE-----										
			4.87	5.21	5.60	6.05	6.58	7.22	8.00	8.98	10.24	11.92	14.27
PERCENT	YIELD	UNIT	-----dollars-----										
50	22.50	bu	-211	-203	-195	-184	-172	-158	-140	-118	-90	-52	0
			-293	-285	-276	-266	-254	-240	-222	-200	-172	-134	-81
60	27.00	bu	-190	-181	-170	-158	-144	-126	-105	-79	-45	0	63
			-272	-263	-252	-240	-225	-208	-187	-161	-127	-81	-18
70	31.50	bu	-169	-158	-146	-132	-115	-95	-70	-39	0	52	126
			-250	-240	-228	-213	-197	-176	-152	-121	-81	-29	44
80	36.00	bu	-147	-135	-121	-105	-86	-63	-35	0	45	105	190
			-229	-217	-203	-187	-168	-145	-117	-81	-36	23	108
90	40.50	bu	-126	-113	-97	-79	-57	-31	0	39	90	158	253
			-208	-195	-179	-161	-139	-113	-81	-42	8	76	171
100	45.00	bu	-105	-90	-73	-52	-28	0	35	79	135	211	317
			-187	-172	-155	-134	-110	-81	-46	-2	53	129	235
110	49.50	bu	-84	-67	-48	-26	0	31	70	118	181	264	380
			-166	-149	-130	-108	-81	-50	-11	37	99	182	298
120	54.00	bu	-63	-45	-24	0	28	63	105	158	226	317	443
			-145	-127	-106	-81	-53	-18	23	76	144	235	361
130	58.50	bu	-42	-22	0	26	57	95	140	198	271	369	507
			-124	-104	-81	-55	-24	13	59	116	189	287	425
140	63.00	bu	-21	0	24	52	86	126	176	237	317	422	570
			-103	-81	-57	-29	4	44	94	155	235	340	488
150	67.50	bu	0	22	48	79	115	158	211	277	362	475	634
			-81	-59	-33	-2	33	76	129	195	280	393	552

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.

Table 14.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre
 RR Soybeans, Stale Seedbed, 8- 38"Row Equipment
 Irrigated, Macon Ridge, Louisiana, 2011.

Soybeans			-----BREAKEVEN PRICE-----										
			6.09	6.51	6.99	7.56	8.23	9.04	10.02	11.26	12.84	14.95	17.90
PERCENT	YIELD	UNIT	-----dollars-----										
50	22.50	bu	-184	-174	-163	-150	-135	-117	-95	-67	-32	15	81
			-265	-256	-245	-232	-217	-199	-177	-149	-113	-66	0
60	27.00	bu	-157	-146	-132	-117	-99	-77	-51	-17	24	81	161
			-239	-227	-214	-199	-181	-159	-132	-99	-56	0	79
70	31.50	bu	-130	-117	-102	-84	-63	-37	-6	32	81	148	241
			-212	-199	-184	-166	-145	-119	-88	-49	0	66	159
80	36.00	bu	-104	-89	-71	-51	-26	2	37	81	138	214	321
			-186	-170	-153	-132	-108	-79	-44	0	56	132	239
90	40.50	bu	-77	-60	-40	-17	9	41	81	131	195	281	400
			-159	-142	-122	-99	-72	-39	0	49	113	199	319
100	45.00	bu	-51	-32	-10	15	45	81	126	181	252	347	480
			-132	-113	-92	-66	-36	0	44	99	170	265	398
110	49.50	bu	-24	-3	20	48	81	121	170	231	309	414	560
			-106	-85	-61	-33	0	39	88	149	227	332	478
120	54.00	bu	2	24	51	81	118	161	214	281	366	480	640
			-79	-56	-30	0	36	79	132	199	284	398	558
130	58.50	bu	28	53	81	115	154	201	259	331	423	547	720
			-53	-28	0	33	72	119	177	249	341	465	638
140	63.00	bu	55	81	112	148	190	241	303	381	480	613	799
			-26	0	30	66	108	159	221	299	398	531	717
150	67.50	bu	81	110	143	181	226	281	347	430	537	680	879
			0	28	61	99	145	199	265	349	455	598	797

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.

Table 15.A Estimated costs per Acre
 Corn, Stale Seedbed, RR, Non-Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	5.50	4.0000	22.00	_____
App by Air (3 gal)	appl	4.00	1.0000	4.00	_____
GIN/DRY					
Dry Corn	bu	0.19	150.0000	28.50	_____
FERTILIZERS					
LA Phosphate	lb	0.63	30.0000	18.90	_____
LA Potash	lb	0.48	60.0000	28.80	_____
LA Nitrogen	lb	0.51	180.0000	91.80	_____
HERBICIDES					
Glyphosate Plus 4L	pt	3.19	2.0000	6.38	_____
2,4-D Amine 4	pt	1.74	1.0000	1.74	_____
Valor WP	oz	4.23	1.0000	4.23	_____
Roundup WeatherMax	oz	0.28	66.0000	18.48	_____
Atrazine 4L	pt	2.10	5.0000	10.50	_____
Select 2EC	oz	1.53	6.0000	9.18	_____
INSECTICIDES					
Karate Z	oz	2.87	2.1300	6.11	_____
Intrepid 2F	oz	1.66	6.0000	9.96	_____
Baythroid 2	oz	2.17	2.1300	4.62	_____
SEED/PLANTS					
Corn Seed RR	thous	2.56	32.0000	81.92	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	46.00	0.3300	15.18	_____
CUSTOM HARVEST/HAUL					
Haul Corn	bu	0.18	150.0000	27.00	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.1344	2.06	_____
LA Hired Labor					
Implements	hour	9.60	0.1611	1.54	_____
Tractors	hour	9.60	0.5819	5.58	_____
DIESEL FUEL					
Tractors	gal	2.75	5.3318	14.66	_____
Harvesters	gal	2.75	1.6602	4.57	_____
REPAIR & MAINTENANCE					
Implements	Acre	6.38	1.0000	6.38	_____
Tractors	Acre	2.26	1.0000	2.26	_____
Harvesters	Acre	2.26	1.0000	2.26	_____
INTEREST ON OP. CAP.	Acre	9.95	1.0000	9.95	_____
TOTAL DIRECT EXPENSES				438.56	_____
FIXED EXPENSES					
Implements	Acre	9.85	1.0000	9.85	_____
Tractors	Acre	14.64	1.0000	14.64	_____
Harvesters	Acre	9.19	1.0000	9.19	_____
TOTAL FIXED EXPENSES				33.68	_____
TOTAL SPECIFIED EXPENSES				472.24	_____

Table 15.B Estimated resource use and costs for field operations, per Acre
 Corn, Stale Seedbed, RR, Non-Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2011.

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-----			
Lime (Spread)	ton			0.33	Sep							0.3300	46.00	15.18	15.18
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	1.30	1.09	0.25	0.52	0.08	0.80				3.96
LA Phosphate	lb											30.0000	0.63	18.90	18.90
LA Potash	lb											60.0000	0.48	28.80	28.80
Disk Harrow	28'	MFWD 225	0.070	1.00	Sep	2.58	2.30	0.76	1.67	0.07	0.67				7.98
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	2.29	1.92	0.28	0.78	0.07	0.71				5.98
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.50	1.26	0.06	0.16	0.04	0.47				3.45
Ditcher		2WD 130	0.020	1.00	Oct	0.42	0.33	0.04	0.05	0.02	0.19				1.03
App by Air (5 gal)	appl			1.00	Feb							1.0000	5.50	5.50	5.50
Glyphosate Plus 4L	pt											2.0000	3.19	6.38	6.38
2,4-D Amine 4	pt											1.0000	1.74	1.74	1.74
Valor WP	oz											1.0000	4.23	4.23	4.23
Ditcher		2WD 130	0.020	1.00	Mar	0.42	0.33	0.04	0.05	0.02	0.19				1.03
Roller	32'	MFWD 170	0.046	1.00	Mar	1.31	1.22	0.10	0.57	0.04	0.45				3.65
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	Mar	2.25	2.09	0.99	1.96	0.16	1.54				8.83
Corn Seed RR	thous											32.0000	2.56	81.92	81.92
LA Nitrogen	lb											30.0000	0.51	15.30	15.30
Ditcher		2WD 130	0.020	1.00	Mar	0.42	0.33	0.04	0.05	0.02	0.19				1.03
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.40	2.01	0.83	0.97	0.11	1.12				7.33
LA Nitrogen	lb											150.0000	0.51	76.50	76.50
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Dual 8E	pt											1.0000			
Atrazine 4L	pt											3.0000	2.10	6.30	6.30
Karate Z	oz											2.1300	2.87	6.11	6.11
App by Air (5 gal)	appl			1.00	May							1.0000	5.50	5.50	5.50
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Atrazine 4L	pt											2.0000	2.10	4.20	4.20
Intrepid 2F	oz											6.0000	1.66	9.96	9.96
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.00	4.00	4.00
Baythroid 2	oz											2.1300	2.17	4.62	4.62
Header - Corn	6R38"	240hp	0.134	1.00	Aug	6.83	9.19	1.29	2.01	0.13	2.06				21.38
Dry Corn	bu											150.0000	0.19	28.50	28.50
Haul Corn	bu			1.00	Aug							150.0000	0.18	27.00	27.00
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Sep	2.03	1.76	1.70	1.06	0.08	0.79				7.34
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.50	5.50	5.50
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Select 2EC	oz											6.0000	1.53	9.18	9.18
TOTALS						23.75	23.83	6.38	9.85	0.87	9.18			389.30	462.29
INTEREST ON OPERATING CAPITAL															9.95
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															472.24

Table 15.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
 Corn, Stale Seedbed, RR, Non-Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2011.

			-----BREAKEVEN PRICE-----										
Corn			2.07	2.19	2.33	2.49	2.69	2.92	3.20	3.56	4.01	4.62	5.47
PERCENT	YIELD	UNIT	-----dollars-----										
50	75.00	bu	-254	-245	-235	-222	-208	-191	-169	-143	-109	-63	0
			-288	-279	-268	-256	-242	-224	-203	-177	-142	-97	-33
60	90.00	bu	-229	-218	-205	-191	-173	-152	-127	-95	-54	0	76
			-263	-252	-239	-224	-207	-186	-161	-129	-88	-33	42
70	105.00	bu	-203	-191	-176	-159	-139	-114	-84	-47	0	63	152
			-237	-224	-210	-192	-172	-148	-118	-81	-33	30	119
80	120.00	bu	-178	-163	-147	-127	-104	-76	-42	0	54	127	229
			-212	-197	-180	-161	-137	-110	-76	-33	20	93	195
90	135.00	bu	-152	-136	-117	-95	-69	-38	0	47	109	191	305
			-186	-170	-151	-129	-103	-71	-33	14	75	157	272
100	150.00	bu	-127	-109	-88	-63	-34	0	42	95	163	254	382
			-161	-142	-121	-97	-68	-33	8	61	130	221	348
110	165.00	bu	-101	-81	-58	-31	0	38	84	143	218	318	458
			-135	-115	-92	-65	-33	4	51	109	184	284	425
120	180.00	bu	-76	-54	-29	0	34	76	127	191	273	382	535
			-110	-88	-63	-33	1	42	93	157	239	348	501
130	195.00	bu	-50	-27	0	31	69	114	169	238	327	445	611
			-84	-60	-33	-1	35	80	136	205	293	412	577
140	210.00	bu	-25	0	29	63	104	152	212	286	382	509	688
			-59	-33	-4	30	70	119	178	253	348	476	654
150	225.00	bu	0	27	58	95	139	191	254	334	436	573	764
			-33	-6	25	61	105	157	221	300	403	539	730

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.

Table 15.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre
 Corn, Stale Seedbed, RR, Non-Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2011.

			-----BREAKEVEN PRICE-----										
Corn			2.22	2.35	2.50	2.68	2.89	3.14	3.45	3.84	4.33	4.99	5.92
PERCENT	YIELD	UNIT	-----dollars-----										
50	75.00	bu	-243	-233	-222	-208	-193	-174	-151	-122	-85	-35	33
			-277	-267	-255	-242	-226	-207	-184	-155	-118	-69	0
60	90.00	bu	-215	-204	-190	-174	-155	-132	-104	-70	-25	33	116
			-249	-237	-223	-207	-189	-166	-138	-103	-59	0	83
70	105.00	bu	-188	-174	-158	-139	-117	-91	-58	-18	33	103	200
			-221	-207	-191	-173	-151	-124	-92	-51	0	69	166
80	120.00	bu	-160	-144	-126	-104	-79	-49	-12	33	93	172	283
			-194	-178	-159	-138	-113	-83	-46	0	59	138	249
90	135.00	bu	-132	-114	-94	-70	-41	-7	33	85	152	241	366
			-166	-148	-127	-103	-75	-41	0	51	118	207	332
100	150.00	bu	-104	-85	-62	-35	-4	33	79	137	211	310	449
			-138	-118	-95	-69	-37	0	46	103	178	277	415
110	165.00	bu	-77	-55	-30	-0	33	75	126	189	271	380	532
			-110	-89	-63	-34	0	41	92	155	237	346	499
120	180.00	bu	-49	-25	1	33	71	116	172	241	330	449	615
			-83	-59	-31	0	37	83	138	207	297	415	582
130	195.00	bu	-21	3	33	68	109	158	218	293	390	518	699
			-55	-29	0	34	75	124	184	259	356	485	665
140	210.00	bu	5	33	65	103	147	200	264	345	449	588	782
			-27	0	31	69	113	166	231	311	415	554	748
150	225.00	bu	33	63	97	137	184	241	310	397	509	657	865
			0	29	63	103	151	207	277	363	475	623	831

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.

Table 16.A Estimated costs per Acre
 Corn, Stale Seedbed, RR, Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	5.50	4.0000	22.00	_____
App by Air (3 gal)	appl	4.00	1.0000	4.00	_____
GIN/DRY					
Dry Corn	bu	0.19	180.0000	34.20	_____
FERTILIZERS					
LA Phosphate	lb	0.63	30.0000	18.90	_____
LA Potash	lb	0.48	60.0000	28.80	_____
LA Nitrogen	lb	0.51	210.0000	107.10	_____
HERBICIDES					
Glyphosate Plus 4L	pt	3.19	2.0000	6.38	_____
2,4-D Amine 4	pt	1.74	1.0000	1.74	_____
Valor WP	oz	4.23	1.0000	4.23	_____
Roundup WeatherMax	oz	0.28	66.0000	18.48	_____
Atrazine 4L	pt	2.10	5.0000	10.50	_____
Select 2EC	oz	1.53	6.0000	9.18	_____
INSECTICIDES					
Karate Z	oz	2.87	2.1300	6.11	_____
Baythroid 2	oz	2.17	2.1300	4.62	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
SEED/PLANTS					
Corn Seed RR	thous	2.56	35.0000	89.60	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	46.00	0.3300	15.18	_____
CUSTOM HARVEST/HAUL					
Haul Corn	bu	0.18	180.0000	32.40	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.1344	2.06	_____
IRRIGATION LABOR					
Implements	hour	9.60	0.0062	0.06	_____
LA Hired Labor					
Implements	hour	9.60	0.1611	1.54	_____
Tractors	hour	9.60	0.8812	8.45	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
DIESEL FUEL					
Tractors	gal	2.75	8.2204	22.61	_____
Harvesters	gal	2.75	1.6602	4.57	_____
Roll-Out Pipe Irr.	gal	2.75	8.5535	23.52	_____
REPAIR & MAINTENANCE					
Implements	Acre	6.83	1.0000	6.83	_____
Tractors	Acre	3.44	1.0000	3.44	_____
Harvesters	Acre	2.26	1.0000	2.26	_____
Roll-Out Pipe Irr.	Acre	5.16	1.0000	5.16	_____
INTEREST ON OP. CAP.	Acre	11.27	1.0000	11.27	_____
TOTAL DIRECT EXPENSES				513.23	_____
FIXED EXPENSES					
Implements	Acre	11.04	1.0000	11.04	_____
Tractors	Acre	22.27	1.0000	22.27	_____
Harvesters	Acre	9.19	1.0000	9.19	_____
Roll-Out Pipe Irr.	Acre	46.78	1.0000	46.78	_____
TOTAL FIXED EXPENSES				89.28	_____
TOTAL SPECIFIED EXPENSES				602.51	_____

Table 16.B Estimated resource use and costs for field operations, per Acre
 Corn, Stale Seedbed, RR, Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2011.

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-----			
Lime (Spread)	ton			0.33	Sep							0.3300	46.00	15.18	15.18
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	1.30	1.09	0.25	0.52	0.08	0.80				3.96
LA Phosphate	lb											30.0000	0.63	18.90	18.90
LA Potash	lb											60.0000	0.48	28.80	28.80
Disk Harrow	28'	MFWD 225	0.070	1.00	Sep	2.58	2.30	0.76	1.67	0.07	0.67				7.98
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	2.29	1.92	0.28	0.78	0.07	0.71				5.98
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.50	1.26	0.06	0.16	0.04	0.47				3.45
Ditcher		2WD 130	0.020	1.00	Oct	0.42	0.33	0.04	0.05	0.02	0.19				1.03
App by Air (5 gal)	appl			1.00	Feb							1.0000	5.50	5.50	5.50
Glyphosate Plus 4L	pt											2.0000	3.19	6.38	6.38
2,4-D Amine 4	pt											1.0000	1.74	1.74	1.74
Valor WP	oz											1.0000	4.23	4.23	4.23
Ditcher		2WD 130	0.020	1.00	Mar	0.42	0.33	0.04	0.05	0.02	0.19				1.03
Roller	32'	MFWD 170	0.046	1.00	Mar	1.31	1.22	0.10	0.57	0.04	0.45				3.65
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	Mar	2.25	2.09	0.99	1.96	0.16	1.54				8.83
Corn Seed RR	thous											35.0000	2.56	89.60	89.60
LA Nitrogen	lb											30.0000	0.51	15.30	15.30
Ditcher		2WD 130	0.020	1.00	Mar	0.42	0.33	0.04	0.05	0.02	0.19				1.03
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.40	2.01	0.83	0.97	0.11	1.12				7.33
LA Nitrogen	lb											180.0000	0.51	91.80	91.80
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Dual 8E	pt											1.0000			
Atrazine 4L	pt											3.0000	2.10	6.30	6.30
Karate Z	oz											2.1300	2.87	6.11	6.11
App by Air (5 gal)	appl			1.00	May							1.0000	5.50	5.50	5.50
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Atrazine 4L	pt											2.0000	2.10	4.20	4.20
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.00	4.00	4.00
Baythroid 2	oz											2.1300	2.17	4.62	4.62
Header - Corn	6R38"	240hp	0.134	1.00	Aug	6.83	9.19	1.29	2.01	0.13	2.06				21.38
Dry Corn	bu											180.0000	0.19	34.20	34.20
Corn Grain Cart	8R40	700bu	0.025	0.25	Aug	0.19	0.16	0.05	0.09	0.00	0.06				0.55
Haul Corn	bu			1.00	Aug							180.0000	0.18	32.40	32.40
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Sep	2.03	1.76	1.70	1.06	0.08	0.79				7.34
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.50	5.50	5.50
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Select 2EC	oz											6.0000	1.53	9.18	9.18
Roll-Out Pipe Irr.	Acre				Jul	8.94	7.47	29.08	47.88	0.44	4.31	1.0000		6.60	104.28
TOTALS						32.88	31.46	35.51	57.82	1.33	13.55			420.02	591.24
INTEREST ON OPERATING CAPITAL															11.27
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															602.51

Table 16.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
 Corn, Stale Seedbed, RR, Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2011.

			-----BREAKEVEN PRICE-----										
Corn			2.02	2.14	2.27	2.43	2.62	2.85	3.12	3.47	3.91	4.50	5.32
PERCENT	YIELD	UNIT	-----dollars-----										
50	90.00	bu	-297	-286	-274	-259	-243	-222	-198	-167	-127	-74	0
			-386	-375	-363	-349	-332	-312	-287	-256	-216	-163	-89
60	108.00	bu	-267	-254	-239	-222	-202	-178	-148	-111	-63	0	89
			-356	-343	-329	-312	-291	-267	-237	-200	-152	-89	-0
70	126.00	bu	-237	-222	-205	-185	-162	-133	-99	-55	0	74	178
			-326	-312	-294	-274	-251	-222	-188	-144	-89	-15	88
80	144.00	bu	-207	-191	-171	-148	-121	-89	-49	0	63	148	267
			-297	-280	-260	-237	-210	-178	-138	-89	-25	59	178
90	162.00	bu	-178	-159	-137	-111	-81	-44	0	55	127	222	356
			-267	-248	-226	-200	-170	-133	-89	-33	38	133	267
100	180.00	bu	-148	-127	-102	-74	-40	0	49	111	191	297	445
			-237	-216	-192	-163	-129	-89	-39	22	101	207	356
110	198.00	bu	-118	-95	-68	-37	0	44	99	167	254	371	534
			-208	-184	-157	-126	-89	-44	9	77	165	282	445
120	216.00	bu	-89	-63	-34	0	40	89	148	222	318	445	623
			-178	-152	-123	-89	-48	-0	59	133	229	356	534
130	234.00	bu	-59	-31	0	37	81	133	198	278	382	519	713
			-148	-121	-89	-52	-8	44	108	189	292	430	623
140	252.00	bu	-29	0	34	74	121	178	247	334	445	594	802
			-118	-89	-54	-15	32	88	158	244	356	504	712
150	270.00	bu	0	31	68	111	162	222	297	389	509	668	891
			-89	-57	-20	22	72	133	207	300	420	579	802

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.

Table 16.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre
 Corn, Stale Seedbed, RR, Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2011.

			-----BREAKEVEN PRICE-----										
Corn			2.35	2.49	2.66	2.85	3.07	3.34	3.67	4.09	4.62	5.32	6.31
PERCENT	YIELD	UNIT	-----dollars-----										
50	90.00	bu	-267	-254	-239	-222	-202	-178	-148	-111	-63	0	89
			-356	-343	-329	-312	-291	-267	-237	-200	-152	-89	0
60	108.00	bu	-231	-216	-198	-178	-153	-124	-89	-44	12	89	196
			-320	-305	-288	-267	-243	-213	-178	-133	-76	0	106
70	126.00	bu	-196	-178	-157	-133	-105	-71	-29	22	89	178	303
			-285	-267	-246	-222	-194	-160	-118	-66	0	89	213
80	144.00	bu	-160	-139	-116	-89	-56	-17	29	89	165	267	410
			-249	-229	-205	-178	-145	-106	-59	0	76	178	320
90	162.00	bu	-124	-101	-75	-44	-7	35	89	156	242	356	517
			-213	-191	-164	-133	-97	-53	0	66	152	267	427
100	180.00	bu	-89	-63	-34	0	40	89	148	223	318	445	624
			-178	-152	-123	-89	-48	0	59	133	229	356	534
110	198.00	bu	-53	-25	6	44	89	142	208	289	394	535	731
			-142	-114	-82	-44	0	53	118	200	305	445	641
120	216.00	bu	-17	12	48	89	137	196	267	356	471	624	838
			-106	-76	-41	0	48	106	178	267	382	534	748
130	234.00	bu	17	51	89	133	186	249	327	423	547	713	945
			-71	-38	0	44	97	160	237	334	458	624	855
140	252.00	bu	53	89	130	178	235	303	386	490	624	802	1052
			-35	0	41	89	145	213	297	401	534	713	962
150	270.00	bu	89	127	171	223	283	356	445	557	700	891	1159
			0	38	82	133	194	267	356	468	611	802	1069

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.

Table 17.A Estimated costs per Acre
 Corn, Stale Seedbed, BtRR, Non-Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	5.50	4.0000	22.00	_____
App by Air (3 gal)	appl	4.00	1.0000	4.00	_____
GIN/DRY					
Dry Corn	bu	0.19	150.0000	28.50	_____
FERTILIZERS					
LA Phosphate	lb	0.63	30.0000	18.90	_____
LA Potash	lb	0.48	60.0000	28.80	_____
LA Nitrogen	lb	0.51	180.0000	91.80	_____
HERBICIDES					
Glyphosate Plus 4L	pt	3.19	2.0000	6.38	_____
2,4-D Amine 4	pt	1.74	1.0000	1.74	_____
Valor WP	oz	4.23	1.0000	4.23	_____
Roundup WeatherMax	oz	0.28	66.0000	18.48	_____
Atrazine 4L	pt	2.10	5.0000	10.50	_____
Select 2EC	oz	1.53	6.0000	9.18	_____
INSECTICIDES					
Baythroid 2	oz	2.17	2.1300	4.62	_____
SEED/PLANTS					
Corn Seed BtRR	thous	2.90	32.0000	92.80	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	46.00	0.3300	15.18	_____
CUSTOM HARVEST/HAUL					
Haul Corn	bu	0.18	150.0000	27.00	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.1344	2.06	_____
LA Hired Labor					
Implements	hour	9.60	0.1611	1.54	_____
Tractors	hour	9.60	0.5819	5.58	_____
DIESEL FUEL					
Tractors	gal	2.75	5.3318	14.66	_____
Harvesters	gal	2.75	1.6602	4.57	_____
REPAIR & MAINTENANCE					
Implements	Acre	6.38	1.0000	6.38	_____
Tractors	Acre	2.26	1.0000	2.26	_____
Harvesters	Acre	2.26	1.0000	2.26	_____
INTEREST ON OP. CAP.	Acre	9.87	1.0000	9.87	_____

TOTAL DIRECT EXPENSES				433.29	_____
FIXED EXPENSES					
Implements	Acre	9.85	1.0000	9.85	_____
Tractors	Acre	14.64	1.0000	14.64	_____
Harvesters	Acre	9.19	1.0000	9.19	_____

TOTAL FIXED EXPENSES				33.68	_____

TOTAL SPECIFIED EXPENSES				466.97	_____

Table 17.B Estimated resource use and costs for field operations, per Acre
 Corn, Stale Seedbed, BTRR, Non-Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2011.

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-----			
Lime (Spread)	ton			0.33	Sep							0.3300	46.00	15.18	15.18
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	1.30	1.09	0.25	0.52	0.08	0.80				3.96
LA Phosphate	lb											30.0000	0.63	18.90	18.90
LA Potash	lb											60.0000	0.48	28.80	28.80
Disk Harrow	28'	MFWD 225	0.070	1.00	Sep	2.58	2.30	0.76	1.67	0.07	0.67				7.98
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	2.29	1.92	0.28	0.78	0.07	0.71				5.98
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.50	1.26	0.06	0.16	0.04	0.47				3.45
Ditcher		2WD 130	0.020	1.00	Oct	0.42	0.33	0.04	0.05	0.02	0.19				1.03
App by Air (5 gal)	appl			1.00	Feb							1.0000	5.50	5.50	5.50
Glyphosate Plus 4L	pt											2.0000	3.19	6.38	6.38
2,4-D Amine 4	pt											1.0000	1.74	1.74	1.74
Valor WP	oz											1.0000	4.23	4.23	4.23
Ditcher		2WD 130	0.020	1.00	Mar	0.42	0.33	0.04	0.05	0.02	0.19				1.03
Roller	32'	MFWD 170	0.046	1.00	Mar	1.31	1.22	0.10	0.57	0.04	0.45				3.65
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	Mar	2.25	2.09	0.99	1.96	0.16	1.54				8.83
Corn Seed BTRR	thous											32.0000	2.90	92.80	92.80
LA Nitrogen	lb											30.0000	0.51	15.30	15.30
Ditcher		2WD 130	0.020	1.00	Mar	0.42	0.33	0.04	0.05	0.02	0.19				1.03
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.40	2.01	0.83	0.97	0.11	1.12				7.33
LA Nitrogen	lb											150.0000	0.51	76.50	76.50
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Dual 8E	pt											1.0000			
Atrazine 4L	pt											3.0000	2.10	6.30	6.30
App by Air (5 gal)	appl			1.00	May							1.0000	5.50	5.50	5.50
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Atrazine 4L	pt											2.0000	2.10	4.20	4.20
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.00	4.00	4.00
Baythroid 2	oz											2.1300	2.17	4.62	4.62
Header - Corn	6R38"	240hp	0.134	1.00	Aug	6.83	9.19	1.29	2.01	0.13	2.06				21.38
Dry Corn	bu											150.0000	0.19	28.50	28.50
Haul Corn	bu											150.0000	0.18	27.00	27.00
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Aug	2.03	1.76	1.70	1.06	0.08	0.79				7.34
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.50	5.50	5.50
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Select 2EC	oz											6.0000	1.53	9.18	9.18
TOTALS						23.75	23.83	6.38	9.85	0.87	9.18			384.11	457.10
INTEREST ON OPERATING CAPITAL															9.87
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															466.97

Table 17.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
 Corn, Stale Seedbed, BtRR, Non-Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2011.

			-----BREAKEYEN PRICE-----										
Corn			2.05	2.17	2.30	2.46	2.66	2.88	3.16	3.51	3.96	4.56	5.40
PERCENT	YIELD	UNIT	-----dollars-----										
50	75.00	bu	-251	-242	-231	-219	-205	-188	-167	-141	-107	-62	0
			-285	-276	-265	-253	-239	-222	-201	-175	-141	-96	-33
60	90.00	bu	-226	-215	-202	-188	-171	-150	-125	-94	-53	0	75
			-259	-249	-236	-222	-205	-184	-159	-127	-87	-33	41
70	105.00	bu	-201	-188	-173	-157	-137	-113	-83	-47	0	62	150
			-234	-222	-207	-190	-170	-146	-117	-80	-33	29	117
80	120.00	bu	-175	-161	-144	-125	-102	-75	-41	0	53	125	226
			-209	-195	-178	-159	-136	-109	-75	-33	20	91	192
90	135.00	bu	-150	-134	-115	-94	-68	-37	0	47	107	188	301
			-184	-168	-149	-127	-102	-71	-33	13	74	154	267
100	150.00	bu	-125	-107	-86	-62	-34	0	41	94	161	251	376
			-159	-141	-120	-96	-67	-33	8	60	127	217	343
110	165.00	bu	-100	-80	-57	-31	0	37	83	141	215	314	452
			-134	-114	-91	-65	-33	4	50	107	181	280	418
120	180.00	bu	-75	-53	-28	0	34	75	125	188	269	376	527
			-109	-87	-62	-33	0	41	91	154	235	343	494
130	195.00	bu	-50	-26	0	31	68	113	167	235	323	439	603
			-83	-60	-33	-2	34	79	133	201	289	406	569
140	210.00	bu	-25	0	28	62	102	150	209	282	376	502	678
			-58	-33	-4	29	69	117	175	249	343	468	644
150	225.00	bu	0	26	57	94	137	188	251	329	430	565	753
			-33	-6	24	60	103	154	217	296	397	531	720

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.

Table 17.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre
 Corn, Stale Seedbed, BtRR, Non-Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2011.

			-----BREAKEYEN PRICE-----										
Corn			2.20	2.33	2.48	2.65	2.86	3.11	3.41	3.79	4.28	4.93	5.85
PERCENT	YIELD	UNIT	-----dollars-----										
50	75.00	bu	-240	-230	-219	-205	-190	-171	-148	-120	-83	-34	33
			-273	-264	-252	-239	-224	-205	-182	-154	-117	-68	0
60	90.00	bu	-212	-200	-187	-171	-152	-130	-103	-68	-24	33	115
			-246	-234	-221	-205	-186	-164	-136	-102	-58	0	82
70	105.00	bu	-185	-171	-155	-137	-115	-89	-57	-17	33	102	197
			-219	-205	-189	-171	-149	-123	-91	-51	0	68	164
80	120.00	bu	-157	-142	-124	-103	-78	-48	-11	33	92	170	280
			-191	-176	-157	-136	-112	-82	-45	0	58	136	246
90	135.00	bu	-130	-112	-92	-68	-40	-7	33	85	151	239	362
			-164	-146	-126	-102	-74	-41	0	51	117	205	328
100	150.00	bu	-103	-83	-61	-34	-3	33	79	136	209	307	444
			-136	-117	-94	-68	-37	0	45	102	176	273	410
110	165.00	bu	-75	-54	-29	0	33	74	124	187	268	375	526
			-109	-88	-63	-34	0	41	91	154	234	342	492
120	180.00	bu	-48	-24	2	33	71	115	170	239	327	444	608
			-82	-58	-31	0	37	82	136	205	293	410	574
130	195.00	bu	-21	4	33	67	108	156	216	290	385	512	690
			-54	-29	0	34	74	123	182	256	352	479	657
140	210.00	bu	6	33	65	102	145	197	261	341	444	581	772
			-27	0	31	68	112	164	228	308	410	547	739
150	225.00	bu	33	63	96	136	183	239	307	393	503	649	855
			0	29	63	102	149	205	273	359	469	616	821

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.

Table 18.A Estimated costs per Acre
 Corn, Stale Seedbed, BtRR, Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	5.50	4.0000	22.00	_____
App by Air (3 gal)	appl	4.00	1.0000	4.00	_____
GIN/DRY					
Dry Corn	bu	0.19	180.0000	34.20	_____
FERTILIZERS					
LA Phosphate	lb	0.63	30.0000	18.90	_____
LA Potash	lb	0.48	60.0000	28.80	_____
LA Nitrogen	lb	0.51	210.0000	107.10	_____
HERBICIDES					
Glyphosate Plus 4L	pt	3.19	2.0000	6.38	_____
2,4-D Amine 4	pt	1.74	1.0000	1.74	_____
Valor WP	oz	4.23	1.0000	4.23	_____
Roundup WeatherMax	oz	0.28	66.0000	18.48	_____
Atrazine 4L	pt	2.10	5.0000	10.50	_____
Select 2EC	oz	1.53	6.0000	9.18	_____
INSECTICIDES					
Baythroid 2	oz	2.17	2.1300	4.62	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
SEED/PLANTS					
Corn Seed BtRR	thous	2.90	35.0000	101.50	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	46.00	0.3300	15.18	_____
CUSTOM HARVEST/HAUL					
Haul Corn	bu	0.18	180.0000	32.40	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.1344	2.06	_____
IRRIGATION LABOR					
Implements	hour	9.60	0.0062	0.06	_____
LA Hired Labor					
Implements	hour	9.60	0.1611	1.54	_____
Tractors	hour	9.60	0.8750	8.39	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
DIESEL FUEL					
Tractors	gal	2.75	8.1593	22.44	_____
Harvesters	gal	2.75	1.6602	4.57	_____
Roll-Out Pipe Irr.	gal	2.75	8.5535	23.52	_____
REPAIR & MAINTENANCE					
Implements	Acre	6.78	1.0000	6.78	_____
Tractors	Acre	3.42	1.0000	3.42	_____
Harvesters	Acre	2.26	1.0000	2.26	_____
Roll-Out Pipe Irr.	Acre	5.16	1.0000	5.16	_____
INTEREST ON OP. CAP.	Acre	11.48	1.0000	11.48	_____
TOTAL DIRECT EXPENSES				518.93	_____
FIXED EXPENSES					
Implements	Acre	10.95	1.0000	10.95	_____
Tractors	Acre	22.11	1.0000	22.11	_____
Harvesters	Acre	9.19	1.0000	9.19	_____
Roll-Out Pipe Irr.	Acre	46.78	1.0000	46.78	_____
TOTAL FIXED EXPENSES				89.03	_____
TOTAL SPECIFIED EXPENSES				607.96	_____

Table 13.B Estimated resource use and costs for field operations, per Acre
 Corn, Stale Seedbed, BTRR, Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2011.

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-----			
Lime (Spread)	ton			0.33	Sep							0.3300	46.00	15.18	15.18
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	1.30	1.09	0.25	0.52	0.08	0.80				3.96
LA Phosphate	lb											30.0000	0.63	18.90	18.90
LA Potash	lb											60.0000	0.48	28.80	28.80
Disk Harrow	28'	MFWD 225	0.070	1.00	Sep	2.58	2.30	0.76	1.67	0.07	0.67				7.98
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	2.29	1.92	0.28	0.78	0.07	0.71				5.98
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.50	1.26	0.06	0.16	0.04	0.47				3.45
Ditcher		2WD 130	0.020	1.00	Oct	0.42	0.33	0.04	0.05	0.02	0.19				1.03
App by Air (5 gal)	appl			1.00	Feb							1.0000	5.50	5.50	5.50
Glyphosate Plus 4L	pt											2.0000	3.19	6.38	6.38
2,4-D Amine 4	pt											1.0000	1.74	1.74	1.74
Valor WP	oz											1.0000	4.23	4.23	4.23
Ditcher		2WD 130	0.020	1.00	Mar	0.42	0.33	0.04	0.05	0.02	0.19				1.03
Roller	32'	MFWD 170	0.046	1.00	Mar	1.31	1.22	0.10	0.57	0.04	0.45				3.65
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	Mar	2.25	2.09	0.99	1.96	0.16	1.54				8.83
Corn Seed BTRR	thous											35.0000	2.90	101.50	101.50
LA Nitrogen	lb											30.0000	0.51	15.30	15.30
Ditcher		2WD 130	0.020	1.00	Mar	0.42	0.33	0.04	0.05	0.02	0.19				1.03
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.40	2.01	0.83	0.97	0.11	1.12				7.33
LA Nitrogen	lb											180.0000	0.51	91.80	91.80
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.50	5.50	5.50
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Dual 8E	pt											1.0000			
Atrazine 4L	pt											3.0000	2.10	6.30	6.30
App by Air (5 gal)	appl			1.00	May							1.0000	5.50	5.50	5.50
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Atrazine 4L	pt											2.0000	2.10	4.20	4.20
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.00	4.00	4.00
Baythroid 2	oz											2.1300	2.17	4.62	4.62
Header - Corn	6R38"	240hp	0.134	1.00	Aug	6.83	9.19	1.29	2.01	0.13	2.06				21.38
Dry Corn	bu											180.0000	0.19	34.20	34.20
Haul Corn	bu			1.00	Aug							180.0000	0.18	32.40	32.40
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Sep	2.03	1.76	1.70	1.06	0.08	0.79				7.34
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.50	5.50	5.50
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Select 2EC	oz											6.0000	1.53	9.18	9.18
Roll-Out Pipe Irr.	Acre				Jul	8.94	7.47	29.08	47.88	0.44	4.31	1.0000		6.60	104.28
TOTALS						32.69	31.30	35.46	57.73	1.32	13.49			425.81	596.48
INTEREST ON OPERATING CAPITAL															11.48
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															607.96

Table 18.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
 Corn, Stale Seedbed, BtRR, Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2011.

			-----BREAKEVEN PRICE-----										
Corn			2.04	2.16	2.30	2.46	2.65	2.88	3.16	3.50	3.95	4.55	5.39
PERCENT	YIELD	UNIT	-----dollars-----										
50	90.00	bu	-300	-290	-277	-263	-246	-225	-200	-169	-128	-75	0
			-389	-379	-366	-352	-335	-314	-289	-258	-217	-164	-89
60	108.00	bu	-270	-257	-243	-225	-205	-180	-150	-112	-64	0	90
			-359	-346	-332	-314	-294	-269	-239	-201	-153	-89	1
70	126.00	bu	-240	-225	-208	-188	-164	-135	-100	-56	0	75	180
			-329	-314	-297	-277	-253	-224	-189	-145	-89	-13	91
80	144.00	bu	-210	-193	-173	-150	-123	-90	-50	0	64	150	270
			-299	-282	-262	-239	-212	-179	-139	-89	-24	61	181
90	162.00	bu	-180	-161	-138	-112	-82	-45	0	56	128	225	361
			-269	-250	-227	-201	-171	-134	-89	-32	39	136	272
100	180.00	bu	-150	-128	-104	-75	-41	0	50	112	193	300	451
			-239	-217	-193	-164	-130	-89	-38	23	104	211	362
110	198.00	bu	-120	-96	-69	-37	0	45	100	169	257	376	541
			-209	-185	-158	-126	-89	-43	11	80	168	287	452
120	216.00	bu	-90	-64	-34	0	41	90	150	225	322	451	631
			-179	-153	-123	-89	-47	1	61	136	233	362	542
130	234.00	bu	-60	-32	0	37	82	135	200	282	386	526	722
			-149	-121	-89	-51	-6	46	111	193	297	437	633
140	252.00	bu	-30	0	34	75	123	180	250	338	451	601	812
			-119	-89	-54	-13	34	91	161	249	362	512	723
150	270.00	bu	0	32	69	112	164	225	300	394	515	677	902
			-89	-56	-19	23	75	136	211	305	426	588	813

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.

Table 18.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre
 Corn, Stale Seedbed, BtRR, Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2011.

			-----BREAKEVEN PRICE-----										
Corn			2.37	2.51	2.68	2.87	3.10	3.37	3.71	4.12	4.66	5.37	6.37
PERCENT	YIELD	UNIT	-----dollars-----										
50	90.00	bu	-271	-258	-243	-226	-205	-181	-151	-113	-65	-1	89
			-360	-347	-332	-315	-294	-270	-240	-202	-154	-90	0
60	108.00	bu	-235	-219	-201	-181	-156	-127	-91	-46	11	89	197
			-324	-308	-290	-270	-245	-216	-180	-135	-77	0	108
70	126.00	bu	-199	-181	-160	-136	-107	-73	-31	21	89	179	305
			-288	-270	-249	-225	-196	-162	-120	-67	0	90	216
80	144.00	bu	-163	-142	-118	-91	-58	-19	28	89	166	269	413
			-252	-231	-207	-180	-147	-108	-60	0	77	180	324
90	162.00	bu	-127	-103	-77	-46	-9	34	89	156	243	359	521
			-216	-193	-166	-135	-98	-54	0	67	154	270	432
100	180.00	bu	-91	-65	-35	-1	39	89	149	224	320	449	629
			-180	-154	-124	-90	-49	0	60	135	231	360	540
110	198.00	bu	-55	-26	5	43	89	143	209	291	397	539	737
			-144	-115	-83	-45	0	54	120	202	308	450	648
120	216.00	bu	-19	11	47	89	138	197	269	359	475	629	845
			-108	-77	-41	0	49	108	180	270	386	540	756
130	234.00	bu	16	50	89	134	187	251	329	426	552	719	953
			-72	-38	0	45	98	162	240	337	463	630	864
140	252.00	bu	53	89	130	179	236	305	389	494	629	809	1061
			-36	0	41	90	147	216	300	405	540	720	972
150	270.00	bu	89	127	172	224	285	359	449	561	706	899	1169
			0	38	83	135	196	270	360	472	617	810	1080

The top number in each cell is Returns Above Direct Expenses.
 The bottom number in each cell is Returns Above Total Specified Expenses.
 Only the product listed has been varied to calculate net returns.

Table 19.A Estimated costs per Acre
 Grain Sorghum, 8-Row Equipment (38" Rows),
 Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	5.50	1.5000	8.25	_____
App by Air (3 gal)	appl	4.00	2.0000	8.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.51	110.0000	56.10	_____
LA Phosphate	lb	0.63	40.0000	25.20	_____
LA Potash	lb	0.48	40.0000	19.20	_____
FUNGICIDES					
Cruiser 5FS	oz	17.38	1.2800	22.25	_____
HERBICIDES					
Roundup WeatherMax	oz	0.28	55.0000	15.40	_____
2,4-D Amine 4	pt	1.74	2.0000	3.48	_____
Atrazine 4L	pt	2.10	4.0000	8.40	_____
Dual II Magnum	pt	13.26	1.0000	13.26	_____
INSECTICIDES					
Karate Z	oz	2.87	4.2600	12.23	_____
Lannate LV	pt	8.81	1.5000	13.22	_____
SEED/PLANTS					
Sorghum Concept	lb	1.77	6.0000	10.62	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	46.00	0.3300	15.18	_____
CUSTOM HARVEST/HAUL					
Haul Sorghum	bu	0.18	100.0000	18.00	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
LA Hired Labor					
Implements	hour	9.60	0.1190	1.14	_____
Tractors	hour	9.60	0.4011	3.85	_____
DIESEL FUEL					
Tractors	gal	2.75	3.4993	9.62	_____
Harvesters	gal	2.75	1.2047	3.31	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.56	1.0000	4.56	_____
Tractors	Acre	1.50	1.0000	1.50	_____
Harvesters	Acre	2.05	1.0000	2.05	_____
INTEREST ON OP. CAP.	Acre	6.70	1.0000	6.70	_____

TOTAL DIRECT EXPENSES				282.81	_____
FIXED EXPENSES					
Implements	Acre	6.34	1.0000	6.34	_____
Tractors	Acre	9.66	1.0000	9.66	_____
Harvesters	Acre	8.33	1.0000	8.33	_____

TOTAL FIXED EXPENSES				24.33	_____

TOTAL SPECIFIED EXPENSES				307.14	_____

Table 14.B Estimated resource use and costs for field operations, per Acre
 Grain Sorghum, 8-Row Equipment (38" Rows),
 Louisiana, 2011.

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-----			
Lime (Spread)	ton			0.33	Oct							0.3300	46.00	15.18	15.18
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	2.29	1.92	0.28	0.78	0.07	0.71				5.98
Roller	32'	MFWD 170	0.046	1.00	Oct	1.31	1.22	0.10	0.57	0.04	0.45				3.65
Ditcher		2WD 130	0.020	1.00	Oct	0.42	0.33	0.04	0.05	0.02	0.19				1.03
App by Air (5 gal)	appl			1.00	Mar							1.0000	5.50	5.50	5.50
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
2,4-D Amine 4	pt											2.0000	1.74	3.48	3.48
Ditcher		2WD 130	0.020	1.00	Apr	0.42	0.33	0.04	0.05	0.02	0.19				1.03
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	Apr	2.25	2.09	0.99	1.96	0.16	1.54				8.83
Sorghum Concept	lb											6.0000	1.77	10.62	10.62
Cruiser 5FS	oz											1.2800	17.38	22.25	22.25
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.40	2.01	0.83	0.97	0.11	1.12				7.33
LA Nitrogen	lb											110.0000	0.51	56.10	56.10
LA Phosphate	lb											40.0000	0.63	25.20	25.20
LA Potash	lb											40.0000	0.48	19.20	19.20
Atrazine 4L	pt			1.00	Apr							4.0000	2.10	8.40	8.40
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Dual II Magnum	pt											1.0000	13.26	13.26	13.26
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.00	4.00	4.00
Karate Z	oz											2.1300	2.87	6.11	6.11
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.00	4.00	4.00
Karate Z	oz											2.1300	2.87	6.11	6.11
Lannate LV	pt											1.5000	8.81	13.22	13.22
App by Air (5 gal)	appl			0.50	Aug							0.5000	5.50	2.75	2.75
Roundup WeatherMax	oz											11.0000	0.28	3.08	3.08
Header Wheat/Sorghum	30' Rigid	275hp	0.085	1.00	Aug	5.36	8.33	0.58	0.90	0.08	1.30				16.47
Haul Sorghum	bu			1.00	Aug							100.0000	0.18	18.00	18.00
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Sep	2.03	1.76	1.70	1.06	0.08	0.79				7.34
TOTALS						16.48	17.99	4.56	6.34	0.60	6.29			248.78	300.44
INTEREST ON OPERATING CAPITAL															6.70
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															307.14

Table 19.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
Grain Sorghum, 8-Row Equipment (38" Rows),
Louisiana, 2011.

Grain Sorghum			-----BREAKEVEN PRICE-----										
			1.94	2.07	2.21	2.38	2.58	2.82	3.12	3.48	3.96	4.59	5.47
PERCENT	YIELD	UNIT	-----dollars-----										
50	50.00	bu	-176	-170	-162	-154	-144	-132	-117	-99	-75	-44	0
			-200	-194	-187	-178	-168	-156	-141	-123	-99	-68	-24
60	60.00	bu	-158	-151	-142	-132	-120	-105	-88	-66	-37	0	52
			-183	-175	-166	-156	-144	-130	-112	-90	-62	-24	28
70	70.00	bu	-141	-132	-122	-110	-96	-79	-58	-33	0	44	105
			-165	-156	-146	-134	-120	-103	-83	-57	-24	19	81
80	80.00	bu	-123	-113	-101	-88	-72	-52	-29	0	37	88	158
			-147	-137	-126	-112	-96	-77	-53	-24	13	63	134
90	90.00	bu	-105	-94	-81	-66	-48	-26	0	33	75	132	211
			-130	-118	-105	-90	-72	-50	-24	8	51	107	187
100	100.00	bu	-88	-75	-61	-44	-24	0	29	66	113	176	264
			-112	-99	-85	-68	-48	-24	5	41	89	152	240
110	110.00	bu	-70	-56	-40	-22	0	26	58	99	151	220	317
			-94	-81	-65	-46	-24	2	34	74	126	196	293
120	120.00	bu	-52	-37	-20	0	24	52	88	132	188	264	370
			-77	-62	-44	-24	-0	28	63	107	164	240	346
130	130.00	bu	-35	-18	0	22	48	79	117	165	226	308	423
			-59	-43	-24	-2	23	55	93	141	202	284	398
140	140.00	bu	-17	0	20	44	72	105	146	198	264	352	476
			-41	-24	-3	19	47	81	122	174	240	328	451
150	150.00	bu	0	18	40	66	96	132	176	231	302	396	529
			-24	-5	16	41	71	107	152	207	278	372	504

The top number in each cell is Returns Above Direct Expenses.
The bottom number in each cell is Returns Above Total Specified Expenses.
Only the product listed has been varied to calculate net returns.

Table 19.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre
Grain Sorghum, 8-Row Equipment (38" Rows),
Louisiana, 2011.

Grain Sorghum			-----BREAKEVEN PRICE-----										
			2.10	2.24	2.40	2.58	2.80	3.07	3.39	3.79	4.30	4.99	5.96
PERCENT	YIELD	UNIT	-----dollars-----										
50	50.00	bu	-168	-161	-153	-144	-133	-120	-104	-84	-58	-23	24
			-192	-185	-177	-168	-157	-144	-128	-108	-82	-48	0
60	60.00	bu	-148	-140	-131	-120	-106	-91	-71	-47	-16	24	82
			-173	-165	-155	-144	-131	-115	-96	-72	-41	0	57
70	70.00	bu	-129	-120	-108	-96	-80	-62	-39	-11	24	72	139
			-154	-144	-133	-120	-105	-86	-64	-36	0	48	115
80	80.00	bu	-110	-99	-86	-71	-54	-33	-7	24	65	120	197
			-134	-123	-111	-96	-78	-57	-32	0	41	96	173
90	90.00	bu	-91	-78	-64	-47	-28	-4	24	60	106	168	255
			-115	-103	-88	-72	-52	-28	0	36	82	144	231
100	100.00	bu	-71	-58	-42	-23	-1	24	56	96	148	216	313
			-96	-82	-66	-48	-26	0	32	72	123	192	288
110	110.00	bu	-52	-37	-20	0	24	53	88	132	189	265	370
			-77	-61	-44	-24	0	28	64	108	165	240	346
120	120.00	bu	-33	-16	2	24	50	82	120	168	230	313	428
			-57	-41	-22	0	26	57	96	144	206	288	404
130	130.00	bu	-14	3	24	48	76	110	152	204	271	361	486
			-38	-20	0	24	52	86	128	180	247	337	462
140	140.00	bu	5	24	46	72	103	139	184	240	313	409	544
			-19	0	22	48	78	115	160	216	288	385	519
150	150.00	bu	24	44	68	96	129	168	216	277	354	457	602
			0	20	44	72	105	144	192	252	330	433	577

The top number in each cell is Returns Above Direct Expenses.
The bottom number in each cell is Returns Above Total Specified Expenses.
Only the product listed has been varied to calculate net returns.

Table 20.A Estimated costs per Acre
Wheat, 8-Row Equipment, Drill Plant,
Alluvial Soil, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	5.50	1.0000	5.50	_____
App by Air (3 gal)	appl	4.00	2.0000	8.00	_____
FERTILIZERS					
LA Phosphate	lb	0.63	40.0000	25.20	_____
LA Potash	lb	0.48	40.0000	19.20	_____
LA Nitrogen	lb	0.51	90.0000	45.90	_____
HERBICIDES					
Harmony Extra	oz	11.75	0.4500	5.29	_____
INSECTICIDES					
Mustang Max	oz	1.30	4.0000	5.20	_____
Karate Z	oz	2.87	2.1300	6.11	_____
SEED/PLANTS					
Wheat Seed Private	lb	0.27	90.0000	24.30	_____
Cotton Seed BGII/RRF	thous	0.61	0.4000	0.24	_____
ADJUVANTS					
Surfactant	pt	2.44	0.2000	0.49	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	46.00	0.3300	15.18	_____
App Fert by Air (Min)	appl	6.25	1.0000	6.25	_____
CUSTOM HARVEST/HAUL					
Haul Wheat	bu	0.18	60.0000	10.80	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
LA Hired Labor					
Implements	hour	9.60	0.1097	1.05	_____
Tractors	hour	9.60	0.2785	2.66	_____
DIESEL FUEL					
Tractors	gal	2.75	2.9104	8.00	_____
Harvesters	gal	2.75	1.2047	3.31	_____
REPAIR & MAINTENANCE					
Implements	Acre	3.26	1.0000	3.26	_____
Tractors	Acre	1.22	1.0000	1.22	_____
Harvesters	Acre	2.05	1.0000	2.05	_____
INTEREST ON OP. CAP.	Acre	3.47	1.0000	3.47	_____
TOTAL DIRECT EXPENSES				203.98	_____
FIXED EXPENSES					
Implements	Acre	6.82	1.0000	6.82	_____
Tractors	Acre	7.98	1.0000	7.98	_____
Harvesters	Acre	8.33	1.0000	8.33	_____
TOTAL FIXED EXPENSES				23.13	_____
TOTAL SPECIFIED EXPENSES				227.11	_____

Table 20.B Estimated resource use and costs for field operations, per Acre
Wheat, 8-Row Equipment, Drill Plant,
Alluvial Soil, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Oct	1.30	1.09	0.25	0.52	0.08	0.80				3.96
LA Phosphate	lb											40.0000	0.63	25.20	25.20
LA Potash	lb											40.0000	0.48	19.20	19.20
Lime (Spread)	ton			0.33	Oct							0.3300	46.00	15.18	15.18
Disk Harrow	28'	MFWD 225	0.070	1.00	Oct	2.58	2.30	0.76	1.67	0.07	0.67				7.98
Row Cond (Plant)	27'	MFWD 190	0.078	1.00	Oct	2.42	2.04	0.19	0.81	0.07	0.75				6.21
Ditcher		2WD 130	0.020	1.00	Oct	0.42	0.33	0.04	0.05	0.02	0.19				1.03
Grain Drill & Pre	30'	MFWD 225	0.067	1.00	Dec	2.50	2.22	1.44	2.87	0.13	1.30				10.33
Wheat Seed Private	lb											90.0000	0.27	24.30	24.30
Cotton Seed BGII/RRF	thous											0.4000	0.61	0.24	0.24
App by Air (5 gal)	appl			1.00	Dec							1.0000	5.50	5.50	5.50
Harmony Extra	oz											0.4500	11.75	5.29	5.29
Surfactant	pt											0.2000	2.44	0.49	0.49
App Fert by Air (Min)	appl			1.00	Feb							1.0000	6.25	6.25	6.25
LA Nitrogen	lb											90.0000	0.51	45.90	45.90
App by Air (3 gal)	appl			1.00	Feb							1.0000	4.00	4.00	4.00
Mustang Max	oz											4.0000	1.30	5.20	5.20
App by Air (3 gal)	appl			1.00	Apr							1.0000	4.00	4.00	4.00
Karate Z	oz											2.1300	2.87	6.11	6.11
Header Wheat/Sorghum	30' Rigid	275hp	0.085	1.00	May	5.36	8.33	0.58	0.90	0.08	1.30				16.47
Haul Wheat	bu			1.00	May							60.0000	0.18	10.80	10.80
TOTALS						14.58	16.31	3.26	6.82	0.47	5.01			177.66	223.64
INTEREST ON OPERATING CAPITAL															3.47
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															227.11

Table 20.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
Wheat, 8-Row Equipment, Drill Plant,
Alluvial Soil, Louisiana, 2011.

			-----BREAKEVEN PRICE-----										
LA Wheat			2.32	2.48	2.65	2.86	3.10	3.39	3.75	4.20	4.77	5.54	6.61
PERCENT	YIELD	UNIT	-----dollars-----										
50	30.00	bu	-128	-124	-118	-112	-105	-96	-85	-72	-55	-32	0
			-151	-147	-141	-135	-128	-119	-108	-95	-78	-55	-23
60	36.00	bu	-115	-110	-103	-96	-87	-77	-64	-48	-27	0	38
			-138	-133	-127	-119	-110	-100	-87	-71	-50	-23	15
70	42.00	bu	-102	-96	-89	-80	-70	-57	-42	-24	0	32	77
			-126	-119	-112	-103	-93	-81	-65	-47	-23	9	54
80	48.00	bu	-90	-82	-74	-64	-52	-38	-21	0	27	64	115
			-113	-105	-97	-87	-75	-61	-44	-23	4	41	92
90	54.00	bu	-77	-68	-59	-48	-35	-19	0	24	55	96	154
			-100	-92	-82	-71	-58	-42	-23	0	31	73	131
100	60.00	bu	-64	-55	-44	-32	-17	0	21	48	82	128	192
			-87	-78	-67	-55	-40	-23	-1	25	59	105	169
110	66.00	bu	-51	-41	-29	-16	0	19	42	72	110	160	231
			-74	-64	-52	-39	-23	-3	19	49	87	137	208
120	72.00	bu	-38	-27	-14	0	17	38	64	96	137	192	270
			-61	-50	-37	-23	-5	15	41	73	114	169	246
130	78.00	bu	-25	-13	0	16	35	57	85	120	165	225	308
			-48	-36	-23	-7	11	34	62	97	142	201	285
140	84.00	bu	-12	0	14	32	52	77	107	144	192	257	347
			-35	-23	-8	9	29	54	84	121	169	234	324
150	90.00	bu	0	13	29	48	70	96	128	168	220	289	385
			-23	-9	6	25	47	73	105	145	197	266	362

The top number in each cell is Returns Above Direct Expenses.
The bottom number in each cell is Returns Above Total Specified Expenses.
Only the product listed has been varied to calculate net returns.

Table 20.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre
Wheat, 8-Row Equipment, Drill Plant,
Alluvial Soil, Louisiana, 2011.

			-----BREAKEVEN PRICE-----										
LA Wheat			2.58	2.75	2.95	3.18	3.45	3.78	4.18	4.68	5.32	6.18	7.38
PERCENT	YIELD	UNIT	-----dollars-----										
50	30.00	bu	-120	-115	-109	-102	-94	-84	-72	-57	-38	-12	23
			-144	-138	-132	-126	-117	-108	-96	-81	-61	-36	0
60	36.00	bu	-106	-100	-93	-84	-75	-63	-48	-30	-7	23	66
			-129	-123	-116	-108	-98	-86	-72	-54	-30	0	43
70	42.00	bu	-92	-84	-76	-66	-55	-41	-24	-3	23	59	109
			-115	-108	-99	-90	-78	-64	-48	-27	0	36	86
80	48.00	bu	-77	-69	-59	-48	-35	-20	-0	23	53	95	152
			-100	-92	-83	-72	-58	-43	-24	0	30	72	129
90	54.00	bu	-63	-54	-43	-30	-16	1	23	50	84	131	195
			-86	-77	-66	-54	-39	-21	0	27	61	108	172
100	60.00	bu	-48	-38	-26	-12	3	23	47	77	115	167	239
			-72	-61	-49	-36	-19	0	24	54	92	144	216
110	66.00	bu	-34	-23	-10	5	23	44	71	104	146	203	282
			-57	-46	-33	-18	0	21	48	81	123	180	259
120	72.00	bu	-20	-7	6	23	42	66	95	131	177	239	325
			-43	-30	-16	0	19	43	72	108	154	216	302
130	78.00	bu	-5	7	23	41	62	87	119	158	208	275	368
			-28	-15	0	18	39	64	96	135	185	252	345
140	84.00	bu	8	23	39	59	82	109	143	185	239	311	412
			-14	0	16	36	58	86	120	162	216	288	388
150	90.00	bu	23	38	56	77	101	131	167	212	270	347	455
			0	15	33	54	78	108	144	189	246	324	432

The top number in each cell is Returns Above Direct Expenses.
The bottom number in each cell is Returns Above Total Specified Expenses.
Only the product listed has been varied to calculate net returns.

Table 21.A Estimated costs per Acre
Wheat and Irrigated Soybeans, (double crop),
Alluvial Soil, Louisiana, 2011.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	5.50	5.0000	27.50	_____
App by Air (3 gal)	appl	4.00	5.0000	20.00	_____
FERTILIZERS					
LA Phosphate	lb	0.63	50.0000	31.50	_____
LA Potash	lb	0.48	50.0000	24.00	_____
LA Nitrogen	lb	0.51	80.0000	40.80	_____
FUNGICIDES					
Quadris	oz	2.52	6.0000	15.12	_____
Stratego	pt	17.77	0.6300	11.20	_____
HERBICIDES					
Sencor DF	lb	14.85	0.1900	2.82	_____
Roundup WeatherMax	oz	0.28	66.0000	18.48	_____
Valor WP	oz	4.23	2.0000	8.46	_____
Dual II Magnum	pt	13.26	1.0000	13.26	_____
Flexstar HL	pt	15.24	1.0000	15.24	_____
INSECTICIDES					
Karate Z	oz	2.87	2.1300	6.11	_____
Orthene 90S	lb	3.25	1.7500	5.69	_____
Intrepid 2F	oz	1.66	6.0000	9.96	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
SEED/PLANTS					
Wheat Seed Private	lb	0.27	90.0000	24.30	_____
Cotton Seed BGII/RRF	thous	0.61	0.4000	0.24	_____
Soybean Seed RR	lb	0.99	50.0000	49.50	_____
Corn Seed VT3Pro	thous	3.12	12.0000	37.44	_____
Cotton Seed Liberty	thous	1.05	16.0000	16.80	_____
ADJUVANTS					
Surfactant	pt	2.44	2.5000	6.10	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	46.00	0.3300	15.18	_____
App Fert by Air(Min)	appl	6.25	1.0000	6.25	_____
CUSTOM HARVEST/HAUL					
Haul Wheat	bu	0.18	50.0000	9.00	_____
Haul Soybeans	bu	0.18	45.0000	8.10	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.1702	2.60	_____
IRRIGATION LABOR					
Implements	hour	9.60	0.0062	0.06	_____
LA Hired Labor					
Implements	hour	9.60	0.2318	2.22	_____
Tractors	hour	9.60	0.8658	8.30	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
DIESEL FUEL					
Tractors	gal	2.75	8.1334	22.37	_____
Harvesters	gal	2.75	2.4094	6.62	_____
Roll-Out Pipe Irr.	gal	2.75	4.8877	13.44	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.99	1.0000	7.99	_____
Tractors	Acre	3.40	1.0000	3.40	_____
Harvesters	Acre	4.10	1.0000	4.10	_____
Roll-Out Pipe Irr.	Acre	3.96	1.0000	3.96	_____
INTEREST ON OP. CAP.	Acre	9.17	1.0000	9.17	_____
TOTAL DIRECT EXPENSES				515.32	_____
FIXED EXPENSES					
Implements	Acre	13.83	1.0000	13.83	_____
Tractors	Acre	22.01	1.0000	22.01	_____
Harvesters	Acre	16.66	1.0000	16.66	_____
Roll-Out Pipe Irr.	Acre	46.78	1.0000	46.78	_____
TOTAL FIXED EXPENSES				99.28	_____
TOTAL SPECIFIED EXPENSES				614.60	_____

Table 21.B Estimated resource use and costs for field operations, per Acre
Wheat and Irrigated Soybeans, (double crop),
Alluvial Soil, Louisiana, 2011.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	1.30	1.09	0.25	0.52	0.08	0.80				3.96
LA Phosphate	lb											50.0000	0.63	31.50	31.50
LA Potash	lb											50.0000	0.48	24.00	24.00
Lime (Spread)	ton			0.33	Oct							0.3300	46.00	15.18	15.18
Disk Harrow	28'	MFWD 170	0.070	1.00	Oct	1.97	1.83	0.76	1.67	0.07	0.67				6.90
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.50	1.26	0.06	0.16	0.04	0.47				3.45
Row Cond (Plant)	27'	MFWD 190	0.078	1.00	Nov	2.42	2.04	0.19	0.81	0.07	0.75				6.21
Ditcher		2WD 130	0.020	1.00	Nov	0.42	0.33	0.04	0.05	0.02	0.19				1.03
Grain Drill	30'	MFWD 225	0.062	1.00	Nov	2.32	2.06	1.22	2.43	0.12	1.20				9.23
Wheat Seed Private	lb											90.0000	0.27	24.30	24.30
App by Air (5 gal)	appl			1.00	Dec							1.0000	5.50	5.50	5.50
Sencor DF	lb											0.1900	14.85	2.82	2.82
LA Nitrogen	lb			1.00	Feb							80.0000	0.51	40.80	40.80
App Fert by Air(Min)	appl											1.0000	6.25	6.25	6.25
App by Air (5 gal)	appl			1.00	Feb							1.0000	5.50	5.50	5.50
Cotton Seed BGII/RRF	thous											0.4000	0.61	0.24	0.24
Surfactant	pt											1.5000	2.44	3.66	3.66
App by Air (3 gal)	appl			1.00	Mar							1.0000	4.00	4.00	4.00
Karate Z	oz											2.1300	2.87	6.11	6.11
Header Wheat/Sorghum	30' Rigid	275hp	0.085	1.00	May	5.36	8.33	0.58	0.90	0.08	1.30				16.47
Haul Wheat	bu			1.00	May							50.0000	0.18	9.00	9.00
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	May	2.03	1.76	1.70	1.06	0.08	0.79				7.34
Roundup WeatherMax	oz			1.00	May							22.0000	0.28	6.16	6.16
App by Air (5 gal)	appl											1.0000	5.50	5.50	5.50
Valor WP	oz											2.0000	4.23	8.46	8.46
NT Plant&Pre-Rigid	12R-20	MFWD 190	0.105	1.00	May	3.26	2.74	1.95	3.87	0.21	2.04				13.86
Soybean Seed RR	lb											50.0000	0.99	49.50	49.50
Ditcher		2WD 130	0.020	1.00	May	0.42	0.33	0.04	0.05	0.02	0.19				1.03
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.50	5.50	5.50
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Dual II Magnum	pt											1.0000	13.26	13.26	13.26
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jul	1.19	1.10	0.13	0.16	0.06	0.61				3.19
Roundup WeatherMax	oz											22.0000	0.28	6.16	6.16
Flexstar HL	pt											1.0000	15.24	15.24	15.24
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.00	4.00	4.00
Corn Seed VT3Pro	thous											6.0000	3.12	18.72	18.72
Quadris	oz											6.0000	2.52	15.12	15.12
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.00	4.00	4.00
Orthene 90S	lb											1.0000	3.25	3.25	3.25
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.00	4.00	4.00
Stratego	pt											0.6300	17.77	11.20	11.20
Corn Seed VT3Pro	thous											6.0000	3.12	18.72	18.72
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.00	4.00	4.00
Orthene 90S	lb											0.7500	3.25	2.44	2.44
Intrepid 2F	oz											6.0000	1.66	9.96	9.96
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.50	5.50	5.50
Cotton Seed Liberty	thous											16.0000	1.05	16.80	16.80
Surfactant	pt											1.0000	2.44	2.44	2.44
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	5.36	8.33	0.67	1.05	0.08	1.30				16.71
Haul Soybeans	bu			1.00	Oct							45.0000	0.18	8.10	8.10
Roll-Out Pipe Irr.	Acre				Jul	8.94	7.47	17.80	47.88	0.44	4.31	1.0000		6.60	93.00
TOTALS						36.49	38.67	25.39	60.61	1.42	14.62			429.65	605.43
INTEREST ON OPERATING CAPITAL															9.17
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															614.60

APPENDIX

Appendix Table 1. Tractors/Harvesters: estimated purchase price, annual use, useful life, fuel use, and direct and fixed cost per hour Louisiana, 2011.

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	26.89	0.00	42.19	0.00	42.19
Combine (200-249 hp)	240hp	161,548	300	8	12.35	15.30	33.96	16.82	66.09	68.39	134.48
Combine (225-274 hp)	Track250hp	0	300	8	12.87	15.30	35.39	0.00	50.69	0.00	50.69
Combine (250-299 hp)	275hp	231,000	300	8	14.15	15.30	38.91	24.06	78.27	97.79	176.06
Combine (250-299hp)	Grass295hp	218,222	300	8	15.18	15.30	41.74	22.73	79.77	92.38	172.16
Combine (275-299 hp)	Track290hp	0	300	8	14.93	15.30	41.05	0.00	56.35	0.00	56.35
Combine (300-349 hp)	325hp	251,000	300	8	16.73	15.30	46.00	26.14	87.45	106.26	193.71
Combine (300-349hp)	Track320hp	0	300	8	16.47	15.30	45.29	0.00	60.59	0.00	60.59
Combine (350-379 hp)	370hp	240,137	300	8	19.04	15.30	52.36	25.01	92.67	101.66	194.33
Combine (350-379 hp)	Track365hp	0	300	8	18.79	15.30	51.67	0.00	66.97	0.00	66.97
Cotton Stripper	173hp	145,021	200	8	8.08	15.30	22.22	22.65	60.17	92.09	152.27
SC Tractor 93 MDR	93	46,683	600	10	4.79	9.60	13.17	2.72	25.49	8.14	33.64
SC Tractpr 68 MDR	68	27,049	600	10	3.50	9.60	9.62	1.57	20.80	4.72	25.52
Tractor(40-59hp)Cab	2WD 50	29,300	600	8	2.57	9.60	7.07	0.91	17.59	5.69	23.29
Tractor(40-59hp)Cab	MFWD 50	31,900	600	8	2.57	9.60	7.07	0.99	17.67	6.20	23.87
Tractor(40-59hp)RB	2WD 50	22,500	600	8	2.57	9.60	7.07	0.70	17.38	4.37	21.75
Tractor(40-59hp)RB	MFWD 50	26,600	600	8	2.57	9.60	7.07	0.83	17.50	5.17	22.68
Tractor(60-89hp)CAB	2WD 75	40,100	600	8	3.86	9.60	10.61	1.25	21.46	7.80	29.26
Tractor(60-89hp)CAB	MFWD 75	43,900	600	8	3.86	9.60	10.61	1.37	21.58	8.53	30.12
Tractor(60-89hp)RB	2WD 75	32,100	600	8	3.86	9.60	10.61	1.00	21.21	6.24	27.46
Tractor(60-89hp)RB	MFWD 75	35,900	600	8	3.86	9.60	10.61	1.12	21.33	6.98	28.32
Tractor(90-119hp)CB	2WD 105	62,800	600	8	5.40	9.60	14.86	1.96	26.42	12.21	38.64
Tractor(90-119hp)CB	MFWD 105	67,600	600	8	5.40	9.60	14.86	2.11	26.57	13.15	39.72
Tractor(90-119hp)RB	2WD 105	48,600	600	8	5.40	9.60	14.86	1.51	25.98	9.45	35.43
Tractor(90-119hp)RB	MFWD 105	53,400	600	8	5.40	9.60	14.86	1.66	26.13	10.38	36.51
Tractor(120-139hp)CB	2WD 130	85,400	600	8	6.69	9.60	18.40	2.66	30.67	16.61	47.28
Tractor(120-139hp)CB	MFWD 130	92,200	600	8	6.69	9.60	18.40	2.88	30.88	17.93	48.81
Tractor(140-159hp)CB	2WD 150	103,300	600	8	7.72	9.60	21.23	3.22	34.06	20.09	54.15
Tractor(140-159hp)CB	MFWD 150	109,900	600	8	7.72	9.60	21.23	3.43	34.26	21.37	55.64
Tractor(160-179hp)CB	2WD 170	109,400	600	8	8.75	9.60	24.06	3.41	37.08	22.21	59.30
Tractor(160-179hp)CB	MFWD 170	128,400	600	8	8.75	9.60	24.06	4.01	37.67	26.07	63.75
Tractor(160-199hp)CB	Track 180	142,710	600	8	9.26	9.60	25.47	4.45	39.53	28.98	68.52
Tractor(180-199hp)CB	2WD 190	109,958	600	8	9.77	9.60	26.89	3.43	39.93	22.33	62.26
Tractor(180-199hp)CB	MFWD 190	127,500	600	8	9.77	9.60	26.89	3.98	40.47	25.89	66.37
Tractor(200-249hp)CB	4WD 225	147,066	600	8	11.58	9.60	31.84	4.59	46.04	29.86	75.91
Tractor(200-249hp)CB	MFWD 225	161,400	600	8	11.58	9.60	31.84	5.04	46.49	32.78	79.27
Tractor(200-249hp)CB	Track 225	201,400	600	8	11.58	9.60	31.84	6.29	47.74	40.90	88.64
Tractor(250-349hp)CB	4WD 300	196,500	600	8	15.44	9.60	42.46	6.14	58.20	39.90	98.11
Tractor(250-349hp)CB	Track 300	214,200	600	8	15.44	9.60	42.46	6.69	58.75	43.50	102.26
Tractor(350-449hp)CB	4WD 400	231,800	600	8	20.58	9.60	56.61	7.24	73.46	47.07	120.54
Tractor(350-449hp)CB	Track 400	264,700	600	8	20.58	9.60	56.61	8.27	74.49	53.76	128.25
Tractor(450-uphp)CB	TRACK-475	279,879	600	8	24.44	9.60	67.23	8.74	85.58	56.84	142.42

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, 2011.

Item Name	Size	Purchase Price	Annual Use	Useful Life	Fuel Use	Perf Rate	Labor	Fuel	R&M	Total Direct	Fixed	Total Cost
		dollars	hours	years	gal/hr	hr/ac	-----\$/acre-----					
ATV - 4 Wheeler	12'	0	100	8	1.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
ATV - 4 Wheeler	20'	8,679	100	8	1.00	0.200	3.06	0.52	0.43	4.01	2.11	6.13
Butt Levee (Backhoe)	70 HP	71,348	150	8	5.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
Cotton Picker-1st-BB	2R38"157hp	144,912	200	8	8.08	0.519	12.93	11.54	11.76	36.25	47.81	84.07
Cotton Picker-1st-BB	4R2X1260hp	317,399	200	8	13.33	0.172	4.29	6.31	8.54	19.15	34.73	53.88
Cotton Picker-1st-BB	4R30"250hp	262,000	200	8	12.86	0.327	8.15	11.58	13.40	33.13	54.46	87.60
Cotton Picker-1st-BB	4R30"325hp	350,000	200	8	18.01	0.327	8.15	16.21	17.90	42.26	72.76	115.03
Cotton Picker-1st-BB	4R38"255hp	291,000	200	8	13.12	0.257	6.41	9.30	11.72	27.44	47.63	75.07
Cotton Picker-1st-BB	4R38"325hp	351,000	200	8	18.01	0.257	6.41	12.76	14.13	33.32	57.45	90.78
Cotton Picker-1st-BB	5R30"255hp	285,000	200	8	12.86	0.261	6.52	9.26	11.66	27.44	47.39	74.84
Cotton Picker-1st-BB	5R38"250hp	284,601	200	8	12.86	0.207	5.15	7.33	9.21	21.70	37.44	59.15
Cotton Picker-1st-BB	6R30"325hp	418,000	200	8	18.27	0.218	5.43	10.96	14.25	30.65	57.93	88.58
Cotton Picker-1st-BB	6R38"330hp	417,000	200	8	18.27	0.172	4.29	8.65	11.22	24.17	45.62	69.80
Cotton Picker-1st-Tr	2R38"157hp	144,912	200	8	8.08	0.519	12.93	11.54	11.76	36.25	47.81	84.07
Cotton Picker-1st-Tr	4R2X1255hp	322,137	200	8	18.01	0.172	4.29	8.53	8.67	21.50	35.24	56.74
Cotton Picker-1st-Tr	4R30"250hp	261,825	200	8	12.86	0.327	8.15	11.58	13.39	33.12	54.43	87.56
Cotton Picker-1st-Tr	4R30"325hp	311,088	200	8	16.72	0.327	8.15	15.06	15.91	39.12	64.67	103.79
Cotton Picker-1st-Tr	4R38"255hp	262,818	200	8	13.12	0.257	6.41	9.30	10.58	26.30	43.02	69.33
Cotton Picker-1st-Tr	4R38"325hp	325,618	200	8	18.01	0.257	6.41	12.76	13.11	32.30	53.30	85.60
Cotton Picker-1st-Tr	5R30"255hp	285,303	200	8	13.12	0.261	6.52	9.45	11.67	27.64	47.44	75.09
Cotton Picker-1st-Tr	5R38"250hp	290,471	200	8	12.86	0.207	5.15	7.33	9.40	21.89	38.21	60.11
Cotton Picker-1st-Tr	6R30"325hp	405,906	200	8	16.72	0.218	5.43	10.04	13.84	29.31	56.25	85.57
Cotton Picker-1st-Tr	6R38"330hp	404,462	200	8	18.01	0.172	4.29	8.53	10.88	23.71	44.25	67.97
Cotton Picker-2nd-BB	2R38"157hp	144,912	200	8	8.08	0.440	10.96	9.78	9.96	30.70	40.50	71.21
Cotton Picker-2nd-BB	4R2x1260hp	322,187	200	8	18.01	0.145	3.63	7.23	7.34	18.21	29.86	48.07
Cotton Picker-2nd-BB	4R30"250hp	261,825	200	8	12.86	0.277	6.90	9.81	11.34	28.06	46.10	74.16
Cotton Picker-2nd-BB	4R30"325hp	311,088	200	8	16.72	0.277	6.90	12.75	13.47	33.14	54.78	87.92
Cotton Picker-2nd-BB	4R38"255hp	262,818	200	8	13.12	0.218	5.43	7.88	8.96	22.28	36.44	58.72
Cotton Picker-2nd-BB	4R38"325hp	325,618	200	8	18.01	0.218	5.43	10.81	11.10	27.36	45.14	72.50
Cotton Picker-2nd-BB	5R30"255hp	285,303	200	8	13.12	0.221	5.52	8.00	9.88	23.42	40.19	63.61
Cotton Picker-2nd-BB	5R38"250hp	284,601	200	8	12.86	0.175	4.37	6.21	7.80	18.38	31.71	50.10
Cotton Picker-2nd-BB	6R30"325hp	405,906	200	8	18.01	0.184	4.60	9.15	11.72	25.48	47.65	73.13
Cotton Picker-2nd-BB	6R38"330hp	404,462	200	8	18.01	0.145	3.63	7.22	9.22	20.08	37.48	57.57
Cotton Picker-2nd-Tr	2R38"157hp	144,912	200	8	8.08	0.440	10.96	9.78	9.96	30.70	40.50	71.21
Cotton Picker-2nd-Tr	4R2X1260hp	322,137	200	8	18.01	0.145	3.63	7.23	7.34	18.21	29.85	48.06
Cotton Picker-2nd-Tr	4R30"250hp	261,825	200	8	12.86	0.277	6.90	9.81	11.34	28.06	46.10	74.16
Cotton Picker-2nd-Tr	4R30"325hp	311,088	200	8	16.72	0.277	6.90	12.75	13.47	33.14	54.78	87.92
Cotton Picker-2nd-Tr	4R38"255hp	262,818	200	8	13.12	0.218	5.43	7.88	8.96	22.28	36.44	58.72
Cotton Picker-2nd-Tr	4R38"325hp	325,618	200	8	18.01	0.218	5.43	10.81	11.10	27.36	45.14	72.50
Cotton Picker-2nd-Tr	5R30"255hp	285,303	200	8	13.12	0.221	5.52	8.00	9.88	23.42	40.19	63.61
Cotton Picker-2nd-Tr	5R38"250hp	290,471	200	8	12.86	0.175	4.37	6.21	7.96	18.54	32.37	50.92
Cotton Picker-2nd-Tr	6R30"325hp	381,665	200	8	16.72	0.184	4.60	8.50	11.02	24.13	44.80	68.93
Cotton Picker-2nd-Tr	6R38"330hp	404,462	200	8	18.01	0.145	3.63	7.22	9.22	20.08	37.48	57.57
LA Pickup Truck	1/2 ton	25,000	800	5	2.50	1.000	9.60	6.52	2.81	18.93	6.75	25.69
LA Rice Combine	25 ft	165,000	300	10	8.60	0.300	5.05	7.10	13.21	25.36	20.62	45.99
LA Rice Combine-2	25 ft	165,000	300	10	8.60	0.300	5.05	7.10	13.21	25.36	20.62	45.99
LARice Combine Med	20 ft	150,000	300	10	7.10	0.210	3.53	4.10	8.40	16.04	13.11	29.16
Levee Sprayer	27'	30,768	350	8	2.57	0.038	0.77	0.27	0.06	1.10	0.42	1.53
SC Billet Harvester	6 ft	290,000	750	10	12.00	0.700	11.78	23.10	27.06	61.94	33.38	95.33
SC Harvester 1Rw	6 ft	115,000	400	12	6.80	0.875	14.72	16.36	20.96	52.05	27.65	79.70
SC Harvester 2Rw	12 ft	210,000	400	12	8.00	0.388	6.53	8.53	16.97	32.04	22.39	54.43
SC Loader 1Rw	6 ft	85,000	425	10	5.10	0.598	6.32	8.39	8.74	23.46	14.95	38.42
SC Loader 2Rw	12 ft	150,000	425	10	7.00	0.300	3.17	5.78	7.73	16.68	13.23	29.92
SC Transloader		30,000	120	12	4.70	0.250	2.64	3.23	3.75	9.62	6.87	16.49
SC Truck&Trailer	30 Ton	45,000	400	10	7.00	1.000	10.56	19.25	7.87	37.68	14.05	51.73
Sprayer(300-450Gal)	47'	0	350	8	5.40	0.022	0.45	0.33	0.00	0.78	0.00	0.78
Sprayer(300-450Gal)	60'	96,400	350	8	5.66	0.017	0.35	0.27	0.09	0.71	0.61	1.33
Sprayer(300-450Gal)	80'	98,700	350	8	5.66	0.013	0.26	0.20	0.06	0.54	0.47	1.01
Sprayer(600-750Gal)	60'	149,000	350	8	10.29	0.017	0.35	0.49	0.14	0.99	0.95	1.94
Sprayer(600-825Gal)	80'	149,000	350	8	10.29	0.013	0.26	0.37	0.10	0.74	0.71	1.46
Sprayer(600-825Gal)	90'	216,000	350	8	10.29	0.011	0.23	0.33	0.13	0.70	0.92	1.62
Sprayer(1000-1400Gal)	90'	240,000	350	8	14.15	0.014	0.28	0.54	0.18	1.01	1.22	2.24
Sprayer(1200PlusGal)	120'	258,000	350	8	15.44	0.008	0.17	0.37	0.12	0.67	0.82	1.49

Notes:

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

Direct: Does not include interest on operating capital.

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre Louisiana, 2011.

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost
									Imp.	P.U.		Imp.	P.U.	
			dollars	hours	years	hr/ac	-----\$/acre-----							
Blade-Box	6'	2WD 130	1,000	200	20	0.020	0.19	0.36	0.00	0.05	0.62	0.00	0.33	0.96
Blade-Box	10'	2WD 50	4,400	200	20	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Blade-Box	14'	2WD 50	6,170	200	20	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Blade-Scraper	6'	2WD 50	1,150	200	20	1.176	11.29	8.32	0.64	0.82	21.09	0.53	5.14	26.77
Blade-Scraper	10'	2WD 50	3,069	200	20	1.176	11.29	8.32	1.71	0.82	22.16	1.43	5.14	28.74
Blade-Scraper	14'	2WD 50	5,930	200	20	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Boll Buggy-1st Pick	2R38"157hp	MFWD 190	25,891	200	10	0.519	4.98	13.97	3.36	2.07	24.39	7.09	13.45	44.95
Boll Buggy-1st pick	4R2x1260hp	MFWD 190	25,891	200	10	0.172	1.65	4.63	1.11	0.68	8.09	2.35	4.46	14.90
Boll Buggy-1st pick	4R30"255hp	MFWD 190	23,000	200	10	0.327	3.14	8.80	1.88	1.30	15.13	3.97	8.47	27.58
Boll Buggy-1st pick	4R30"325hp	MFWD 190	23,000	200	10	0.327	3.14	8.80	1.88	1.30	15.13	3.97	8.47	27.58
Boll Buggy-1st pick	4R38"255hp	MFWD 190	23,000	200	10	0.257	2.47	6.93	1.48	1.02	11.91	3.12	6.67	21.71
Boll Buggy-1st pick	4R38"325hp	MFWD 190	23,000	200	10	0.257	2.47	6.93	1.48	1.02	11.91	3.12	6.67	21.71
Boll Buggy-1st pick	5R30"255hp	MFWD 190	23,000	200	10	0.261	2.51	7.04	1.50	1.04	12.10	3.17	6.78	22.06
Boll Buggy-1st pick	5R38"255hp	MFWD 190	23,000	200	10	0.207	1.98	5.57	1.19	0.82	9.57	2.51	5.36	17.45
Boll Buggy-1st pick	6R30"255hp	MFWD 190	23,000	200	10	0.218	2.09	5.86	1.25	0.86	10.08	2.64	5.65	18.38
Boll Buggy-1st pick	6R38"325hp	MFWD 190	23,000	200	10	0.172	1.65	4.63	0.99	0.68	7.96	2.09	4.46	14.51
Boll Buggy-2nd pick	2R38"157hp	MFWD 190	25,891	200	10	0.440	4.22	11.83	2.84	1.75	20.66	6.01	11.39	38.07
Boll Buggy-2nd pick	4R2x1260hp	MFWD 190	25,891	200	10	0.145	1.40	3.92	0.94	0.58	6.85	1.99	3.77	12.62
Boll Buggy-2nd pick	4R30"255hp	MFWD 190	25,530	200	10	0.277	2.66	7.45	1.76	1.10	12.99	3.73	7.18	23.91
Boll Buggy-2nd pick	4R30"325hp	MFWD 190	25,530	200	10	0.277	2.66	7.45	1.76	1.10	12.99	3.73	7.18	23.91
Boll Buggy-2nd pick	4R38"255hp	MFWD 190	25,530	200	10	0.218	2.09	5.87	1.39	0.86	10.23	2.94	5.65	18.82
Boll Buggy-2nd pick	4R38"325hp	MFWD 190	25,530	200	10	0.218	2.09	5.87	1.39	0.86	10.23	2.94	5.65	18.82
Boll Buggy-2nd pick	5R30"255hp	MFWD 190	25,530	200	10	0.221	2.12	5.96	1.41	0.88	10.39	2.98	5.74	19.12
Boll Buggy-2nd pick	5R38"255hp	MFWD 190	25,530	200	10	0.175	1.68	4.72	1.12	0.69	8.22	2.36	4.54	15.13
Boll Buggy-2nd pick	6R30"325hp	MFWD 190	25,530	200	10	0.184	1.77	4.97	1.17	0.73	8.66	2.48	4.78	15.93
Boll Buggy-2nd pick	6R38"325hp	MFWD 190	25,530	200	10	0.145	1.40	3.92	0.93	0.58	6.83	1.96	3.77	12.58
Boll Buggy-Stripper	13' Bcast	MFWD 150	23,000	200	10	0.251	2.41	5.34	1.44	0.86	10.07	3.05	5.38	18.51
Boll Buggy-Stripper	16' Bcast	MFWD 150	23,000	200	10	0.204	1.96	4.34	1.17	0.70	8.18	2.48	4.37	15.04
Boll Buggy-Stripper	19' Bcast	MFWD 150	23,000	200	10	0.172	1.65	3.65	0.99	0.59	6.89	2.09	3.68	12.66
Boll Buggy-Stripper	4R30"2X1Br	MFWD 150	23,000	200	10	0.218	2.09	4.63	1.25	0.74	8.73	2.64	4.66	16.04
Boll Buggy-Stripper	4R30"Brush	MFWD 150	26,045	200	10	0.327	3.14	6.95	2.13	1.12	13.34	4.49	6.99	24.84
Boll Buggy-Stripper	4R38"2X1Br	MFWD 150	23,000	200	10	0.172	1.65	3.65	0.99	0.59	6.89	2.09	3.68	12.66
Boll Buggy-Stripper	4R38"Brush	MFWD 150	23,000	200	10	0.257	2.47	5.47	1.48	0.88	10.31	3.12	5.51	18.95
Boll Buggy-Stripper	5R30"Brush	MFWD 150	23,000	200	10	0.261	2.51	5.56	1.50	0.89	10.48	3.17	5.59	19.25
Boll Buggy-Stripper	5R38"Brush	MFWD 150	23,000	200	10	0.207	1.98	4.39	1.19	0.71	8.29	2.51	4.42	15.23
Boll Buggy-Stripper	6R30"Brush	MFWD 150	23,000	200	10	0.218	2.09	4.63	1.25	0.74	8.73	2.64	4.66	16.04
Chisel Plow(Folding)	16'	2WD 130	19,900	150	12	0.115	1.10	2.12	0.83	0.30	4.37	1.49	1.91	7.79
Chisel Plow(Folding)	24'	MFWD 190	30,300	150	12	0.076	0.73	2.05	0.83	0.30	3.93	1.50	1.97	7.41
Chisel Plow(Folding)	32'	MFWD 225	35,100	150	12	0.057	0.55	1.83	0.73	0.29	3.41	1.32	1.89	6.63
Chisel Plow(Folding)	42'	MFWD 225	39,300	150	12	0.044	0.42	1.40	0.62	0.22	2.67	1.12	1.44	5.24
Chisel Plow(Rigid)	15'	2WD 130	8,072	150	12	0.123	1.18	2.26	0.35	0.32	4.13	0.64	2.04	6.83
Chisel Plow(Rigid)	24'	MFWD 190	9,865	150	12	0.077	0.73	2.07	0.27	0.30	3.39	0.49	1.99	5.88
Chisel-Harrow	21 shank	2WD 190	9,500	150	12	0.088	0.84	2.36	0.30	0.30	3.81	0.54	1.96	6.32
Chisel-Harrow	27 shank	MFWD 225	11,600	150	12	0.068	0.65	2.18	0.28	0.34	3.47	0.51	2.24	6.23
Colter-Chisel-Harrow	21 shank	2WD 190	17,200	150	12	0.088	0.84	2.36	0.54	0.30	4.06	0.98	1.96	7.01
Colter-Chisel-Harrow	27 shank	MFWD 225	21,500	150	12	0.068	0.65	2.18	0.53	0.34	3.71	0.95	2.24	6.91
Corn Grain Cart 8R30	500 bu	MFWD 190	20,856	200	12	0.031	0.30	0.85	0.18	0.12	1.47	0.32	0.82	2.62
Corn Grain Cart 8R40	700bu	MFWD 190	29,243	200	12	0.025	0.24	0.67	0.19	0.09	1.20	0.35	0.64	2.21
Cult & Post	4R-38	2WD 105	14,400	150	10	0.173	2.49	2.57	0.66	0.26	5.99	1.81	1.63	9.45
Cult & Post	6R-30	MFWD 150	18,200	150	10	0.146	4.22	3.11	0.71	0.50	8.55	1.94	3.13	13.63
Cult & Post	6R-38	MFWD 150	18,900	150	10	0.115	1.66	2.45	0.58	0.39	5.10	1.59	2.47	9.17
Cult & Post	8R-30	MFWD 190	22,400	150	10	0.110	1.58	2.95	0.65	0.43	5.63	1.79	2.84	10.28
Cult & Post	8R-38	MFWD 190	24,600	150	10	0.086	1.25	2.33	0.57	0.34	4.50	1.55	2.25	8.31
Cult & Post	8R-38 2x1	MFWD 190	33,100	150	10	0.057	0.83	1.55	0.51	0.23	3.13	1.39	1.49	6.02
Cult & Post	10R-30	MFWD 225	29,900	150	10	0.088	1.26	2.80	0.70	0.44	5.21	1.91	2.88	10.01
Cult & Post	10R-38	MFWD 225	0	150	10	0.065	0.93	2.07	0.00	0.32	3.33	0.00	2.13	5.46
Cult & Post	12R-30	MFWD 225	38,100	150	10	0.073	1.05	2.33	0.74	0.36	4.50	2.03	2.40	8.94
Cult & Post	12R-38	MFWD 225	35,800	150	10	0.057	0.83	1.84	0.55	0.29	3.52	1.51	1.89	6.93
Cultipacker	12'	2WD 130	4,640	300	12	0.124	1.19	2.28	0.13	0.33	3.95	0.19	2.06	6.21
Cultipacker	20'	MFWD 150	12,011	300	12	0.074	0.71	1.58	0.21	0.25	2.77	0.30	1.59	4.66
Cultivate	4R-38	2WD 105	9,440	150	10	0.162	1.55	2.41	0.40	0.24	4.62	1.11	1.53	7.28
Cultivate	6R-30	MFWD 150	13,190	150	10	0.137	1.32	2.91	0.48	0.47	5.19	1.32	2.93	9.45
Cultivate	6R-38	MFWD 150	13,900	150	10	0.108	1.04	2.30	0.40	0.37	4.12	1.10	2.32	7.54
Cultivate	8R-30	MFWD 190	17,400	150	10	0.103	0.99	2.77	0.47	0.41	4.65	1.30	2.67	8.63
Cultivate	8R-38	MFWD 190	19,600	150	10	0.081	0.78	2.19	0.42	0.32	3.72	1.16	2.11	7.00
Cultivate	8R-38 2x1	MFWD 190	26,600	150	10	0.054	0.52	1.45	0.38	0.21	2.58	1.05	1.40	5.04
Cultivate	10R-30	MFWD 225	24,900	150	10	0.082	0.79	2.62	0.54	0.41	4.38	1.49	2.70	8.58
Cultivate	10R-38	MFWD 225	0	150	10	0.065	0.62	2.07	0.00	0.32	3.02	0.00	2.13	5.15
Cultivate	12R-30	MFWD 225	33,200	150	10	0.068	0.66	2.18	0.60	0.34	3.80	1.66	2.25	7.72
Cultivate	12R-38	MFWD 225	32,000	150	10	0.054	0.52	1.72	0.46	0.27	2.98	1.26	1.77	6.03
Disk & Incorporate	14'	2WD 130	25,600	200	10	0.149	2.15	2.75	1.14	0.39	6.45	2.09	2.48	11.03
Disk & Incorporate	24'	MFWD 190	38,000	200	10	0.087	1.25	2.34	0.99	0.34	4.94	1.81	2.26	9.02

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre Louisiana, 2011.

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M--- Imp.	P.U.	Total Direct	--Fixed-- Imp.	P.U.	Total Cost
			dollars	hours	years	hr/ac	-----\$/acre-----							
Disk & Incorporate	32'	4WD 225	49,800	200	10	0.068	0.99	2.18	1.02	0.31	4.52	1.87	2.05	8.44
Disk & Incorporate	42'	MFW 225	30,542	200	10	0.049	0.70	1.56	0.44	0.24	2.96	0.82	1.60	5.39
Disk Bed (Hipper)	4R-38	MFW 150	8,420	160	10	0.147	1.41	3.13	0.31	0.50	5.36	0.84	3.15	9.37
Disk Bed (Hipper)	6R-30	MFW 170	11,200	160	10	0.125	1.20	3.00	0.35	0.50	5.05	0.95	3.25	9.27
Disk Bed (Hipper)	6R-38	MFW 170	11,200	160	10	0.098	0.94	2.37	0.27	0.39	3.99	0.75	2.57	7.32
Disk Bed (Hipper)	8R-30	MFW 190	14,200	160	10	0.093	0.90	2.52	0.33	0.37	4.12	0.90	2.42	7.46
Disk Bed (Hipper)	8R-38 2x1	MFW 190	23,200	160	10	0.049	0.47	1.32	0.28	0.19	2.28	0.78	1.27	4.34
Disk Bed (Hipper)	10R-30	MFW 225	19,000	160	10	0.075	0.72	2.38	0.35	0.37	3.84	0.97	2.45	7.27
Disk Bed (Hipper)	10R-38	MFW 225	19,600	160	10	0.059	0.56	1.88	0.28	0.29	3.03	0.79	1.93	5.77
Disk Bed (Hipper)	12R-30	MFW 225	22,300	160	10	0.062	0.60	1.99	0.34	0.31	3.25	0.95	2.04	6.25
Disk Bed (Hipper)	12R-38	MFW 225	23,200	160	10	0.049	0.47	1.57	0.28	0.24	2.58	0.78	1.61	4.97
Disk Bed (Hipper)Fld	8R-38	MFW 190	15,000	160	10	0.074	0.71	1.99	0.27	0.29	3.27	0.75	1.91	5.95
Disk Bed (Hipper)Rdg	8R-38	MFW 190	15,300	160	10	0.074	0.71	1.99	0.28	0.29	3.28	0.77	1.91	5.97
Disk Bed w/roller	8R-30	2WD 190	18,000	160	10	0.093	0.90	2.52	0.42	0.32	4.16	1.15	2.09	7.41
Disk Bed w/roller	12R-30	MFW 225	30,700	160	10	0.062	0.60	1.99	0.47	0.31	3.38	1.31	2.04	6.74
Disk Harrow	14'	2WD 130	20,600	180	10	0.140	1.34	2.58	0.80	0.37	5.10	1.75	2.33	9.19
Disk Harrow	24'	MFW 190	33,100	180	10	0.081	0.78	2.20	0.75	0.32	4.06	1.64	2.11	7.83
Disk Harrow	28'	MFW 225	39,200	180	10	0.070	0.67	2.23	0.76	0.35	4.02	1.67	2.29	7.99
Disk Harrow	42'	MFW 225	87,000	180	10	0.046	0.44	1.48	1.13	0.23	3.30	2.47	1.53	7.31
Ditcher		2WD 130	4,390	200	10	0.020	0.19	0.36	0.03	0.05	0.64	0.04	0.33	1.02
Ditcher (1m/160a)		2WD 130	4,390	200	10	0.009	0.09	0.17	0.01	0.02	0.30	0.02	0.15	0.48
Fert Appl (Liquid)	4R-38	MFW 150	13,500	150	8	0.154	2.22	3.28	1.39	0.53	7.43	1.62	3.30	12.36
Fert Appl (Liquid)	6R-30	MFW 170	16,600	150	8	0.130	1.88	3.15	1.44	0.52	7.01	1.69	3.41	12.11
Fert Appl (Liquid)	6R-38	MFW 170	14,300	150	8	0.103	1.48	2.48	0.98	0.41	5.37	1.15	2.69	9.22
Fert Appl (Liquid)	8R-30	MFW 190	14,400	150	8	0.098	1.41	2.64	0.94	0.39	5.38	1.10	2.54	9.03
Fert Appl (Liquid)	8R-38	MFW 190	16,000	150	8	0.077	1.11	2.08	0.82	0.30	4.34	0.96	2.01	7.32
Fert Appl (Liquid)	8R-38 2x1	MFW 190	15,500	150	8	0.051	0.74	1.39	0.53	0.20	2.87	0.62	1.33	4.83
Fert Appl (Liquid)	10R-30	MFW 225	15,000	150	8	0.078	1.13	2.50	0.78	0.39	4.81	0.91	2.57	8.30
Fert Appl (Liquid)	10R-38	MFW 225	18,100	150	8	0.061	0.89	1.97	0.74	0.31	3.92	0.87	2.03	6.82
Fert Appl (Liquid)	12R-30	MFW 225	18,100	150	8	0.078	1.13	2.50	0.94	0.39	4.97	1.10	2.57	8.66
Fert Appl (Liquid)	12R-38	MFW 225	15,500	150	8	0.051	0.74	1.64	0.53	0.26	3.18	0.62	1.69	5.50
Field Cult & Inc	12'	2WD 150	13,605	100	10	0.132	1.90	2.80	0.44	0.42	5.58	1.96	2.65	10.21
Field Cult & Inc	24'	MFW 170	24,679	100	10	0.066	0.95	1.59	0.40	0.26	3.21	1.78	1.72	6.72
Field Cult & Inc	32'	MFW 190	33,211	100	10	0.049	0.71	1.33	0.41	0.19	2.65	1.80	1.28	5.74
Field Cult & Inc	42'	MFW 225	54,200	100	10	0.037	0.54	1.20	0.51	0.19	2.44	2.23	1.23	5.92
Field Cultivate	12'	2WD 150	9,821	100	10	0.124	1.19	2.64	0.30	0.40	4.54	1.33	2.50	8.38
Field Cultivate	24'	MFW 170	28,600	100	10	0.062	0.59	1.49	0.44	0.24	2.78	1.94	1.62	6.35
Field Cultivate	32'	MFW 190	38,500	100	10	0.046	0.44	1.25	0.44	0.18	2.33	1.96	1.20	5.51
Field Cultivate	42'	MFW 225	47,600	100	10	0.035	0.34	1.13	0.42	0.17	2.07	1.85	1.16	5.09
Field Cultivate	50'	MFW 225	56,500	100	10	0.029	0.28	0.95	0.42	0.15	1.81	1.84	0.97	4.63
Gate Installer		2WD 130	2,960	10	10	0.020	0.38	0.36	0.17	0.05	0.98	0.62	0.33	1.93
Grain Drill	12'	2WD 130	17,500	150	8	0.157	3.01	2.89	1.03	0.41	7.35	2.04	2.61	12.01
Grain Drill	15'	MFW 150	21,700	150	8	0.125	2.41	2.66	1.02	0.43	6.53	2.02	2.68	11.25
Grain Drill	20'	MFW 170	31,300	150	8	0.094	1.81	2.26	1.10	0.37	5.56	2.19	2.45	10.21
Grain Drill	24'	MFW 190	51,300	150	8	0.078	1.50	2.11	1.51	0.31	5.44	2.99	2.03	10.47
Grain Drill	30'	MFW 225	51,900	150	8	0.062	1.20	2.00	1.22	0.31	4.74	2.42	2.06	9.23
Grain Drill & Pre	12'	2WD 130	22,500	150	8	0.169	3.24	3.11	1.42	0.45	8.24	2.83	2.81	13.88
Grain Drill & Pre	15'	MFW 150	26,700	150	8	0.135	2.59	2.87	1.35	0.46	7.29	2.68	2.89	12.87
Grain Drill & Pre	20'	MFW 170	36,300	150	8	0.101	1.94	2.44	1.38	0.40	6.18	2.74	2.64	11.57
Grain Drill & Pre	24'	MFW 190	56,200	150	8	0.084	1.62	2.27	1.78	0.33	6.02	3.53	2.19	11.74
Grain Drill & Pre	30'	MFW 225	56,900	150	8	0.067	1.29	2.15	1.44	0.34	5.24	2.86	2.21	10.32
Harrow	13'	2WD 130	3,690	200	10	0.119	1.14	2.19	0.15	0.31	3.81	0.24	1.98	6.04
Harrow	21'	2WD 150	3,880	200	10	0.073	0.70	1.57	0.10	0.23	2.61	0.15	1.48	4.26
Harrow	40'	MFW 190	10,620	200	10	0.038	0.37	1.04	0.14	0.15	1.71	0.22	1.00	2.94
Harrow	47'	MFW 190	11,000	200	10	0.033	0.31	0.88	0.12	0.13	1.46	0.19	0.85	2.51
Header - Corn	4R-38	240hp	25,147	300	8	0.201	3.07	6.83	1.26	3.38	14.55	1.96	13.75	30.27
Header - Corn	6R30"	240hp	37,000	300	8	0.170	2.60	5.78	1.57	2.86	12.82	2.45	11.64	26.92
Header - Corn	6R38"	240hp	38,500	300	8	0.134	2.05	4.56	1.29	2.26	10.17	2.01	9.19	21.38
Header - Corn	8R-30	240hp	49,100	300	8	0.127	1.95	4.33	1.56	2.14	10.00	2.43	8.73	21.18
Header - Corn	8R-38	275hp	49,200	300	8	0.100	1.54	3.92	1.24	2.42	9.14	1.93	9.87	20.95
Header - Corn	12R-20	275hp	66,700	300	8	0.127	1.95	4.96	2.12	3.07	12.12	3.31	12.48	27.92
Header - Corn	12R-30	275hp	75,300	300	8	0.085	1.30	3.31	1.60	2.04	8.26	2.49	8.32	19.08
Header - Rice (CL)	22' Rigid	240hp	21,887	300	8	0.288	4.41	9.79	1.57	4.85	20.64	2.45	19.72	42.82
Header - Rice (CL)	25' Rigid	240hp	32,051	300	8	0.253	3.88	8.62	2.03	4.27	18.81	3.16	17.36	39.33
Header - Rice (CL)	30' Rigid	275hp	41,263	300	8	0.211	3.23	8.23	2.18	5.09	18.74	3.39	20.68	42.82
Header - Rice (SL)	22' Rigid	240hp	21,887	300	8	0.250	3.82	8.49	1.36	4.20	17.89	2.12	17.09	37.11
Header - Rice (SL)	25' Rigid	240hp	32,051	300	8	0.220	3.36	7.47	1.76	3.70	16.30	2.74	15.04	34.09
Header - Rice (SL)	30' Rigid	275hp	41,263	300	8	0.183	2.80	7.13	1.89	4.41	16.24	2.94	17.92	37.11
Header - Soybean	15' Flex	240hp	0	300	8	0.170	2.60	5.78	0.00	2.86	11.25	0.00	11.64	22.89
Header - Soybean	18' Flex	240hp	20,309	300	8	0.141	2.17	4.81	0.72	2.38	10.09	1.12	9.70	20.92
Header - Soybean	22' Flex	240hp	25,200	300	8	0.116	1.77	3.94	0.73	1.95	8.40	1.13	7.94	17.48

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre Louisiana, 2011.

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M--- Imp.	P.U.	Total Direct	--Fixed-- Imp.	P.U.	Total Cost
			dollars	hours	years	hr/ac	-----\$/acre-----							
Header - Soybean	25' Flex	275hp	27,300	300	8	0.102	1.56	3.97	0.69	2.45	8.69	1.08	9.99	19.77
Header - Soybean	30' Flex	275hp	31,600	300	8	0.085	1.30	3.31	0.67	2.04	7.33	1.04	8.32	16.70
Header Wheat/Sorghum	18' Rigid	240hp	19,069	300	8	0.141	2.17	4.81	0.67	2.38	10.05	1.05	9.70	20.81
Header Wheat/Sorghum	22' Rigid	240hp	22,700	300	8	0.116	1.77	3.94	0.65	1.95	8.33	1.02	7.94	17.29
Header Wheat/Sorghum	25' Rigid	240hp	23,900	300	8	0.102	1.56	3.46	0.61	1.71	7.36	0.95	6.98	15.30
Header Wheat/Sorghum	30' Rigid	275hp	27,200	300	8	0.085	1.30	3.31	0.57	2.04	7.24	0.90	8.32	16.47
Header-Cotton Bcast	13'	173hp	18,000	200	8	0.251	6.27	5.59	0.84	5.70	18.42	2.64	23.19	44.25
Header-Cotton-Bcast	16'	173hp	21,100	200	8	0.204	5.09	4.54	0.80	4.63	15.08	2.51	18.84	36.44
Header-Cotton-Bcast	19'	173hp	22,800	200	8	0.172	4.29	3.82	0.73	3.90	12.76	2.29	15.86	30.92
Header-Cotton-Brush	4R30"	173hp	20,520	200	8	0.327	8.15	7.27	1.25	7.41	24.10	3.92	30.14	58.17
Header-Cotton-Brush	4R30"2X1	173hp	28,900	200	8	0.218	5.43	4.84	1.18	4.94	16.41	3.68	20.09	40.19
Header-Cotton-Brush	4R38"	173hp	27,900	200	8	0.257	6.41	5.72	1.34	5.84	19.33	4.19	23.73	47.27
Header-Cotton-Brush	4R38"2X1	173hp	29,300	200	8	0.172	4.29	3.82	0.94	3.90	12.97	2.94	15.86	31.78
Header-Cotton-Brush	5R-30	173hp	35,200	200	8	0.261	6.52	5.81	1.72	5.93	20.00	5.38	24.11	49.50
Header-Cotton-Brush	5R-38	173hp	36,200	200	8	0.207	5.15	4.60	1.40	4.69	15.86	4.37	19.08	39.32
Header-Cotton-Brush	6R-30	173hp	43,300	200	8	0.218	5.43	4.84	1.77	4.94	17.00	5.51	20.09	42.61
Heavy Disk	14'	MFWD 150	18,791	180	10	0.145	1.40	3.09	0.76	0.50	5.76	1.66	3.12	10.54
Heavy Disk	21'	MFWD 170	29,911	180	10	0.097	0.93	2.34	0.80	0.39	4.47	1.76	2.53	8.78
Heavy Disk	27'	MFWD 190	34,304	180	10	0.075	0.72	2.03	0.72	0.30	3.78	1.57	1.95	7.32
LA Boom Sprayer	30 ft	MFWD 150	3,000	150	10	0.059	0.57	1.27	0.13	0.20	2.18	0.14	1.28	3.61
Land Plane	40'x10'	MFWD 190	6,020	200	10	0.242	2.32	6.52	0.29	0.96	10.11	0.79	6.28	17.19
Land Plane	50'x16'	MFWD 190	10,300	200	10	0.151	1.45	4.07	0.31	0.60	6.45	0.85	3.92	11.23
LARice Backhoe-Rrmnt	2 ft	MFWD 150	6,000	100	10	0.500	4.80	10.61	2.64	1.71	19.77	3.74	10.68	34.20
LARice Land Level	13 ft	MFWD 150	7,500	200	15	0.190	1.82	4.03	0.15	0.65	6.67	0.67	4.06	11.41
LARice Levee Plow	8 ft	4WD 300	4,600	150	10	0.050	0.48	2.12	0.07	0.30	2.98	0.19	1.99	5.17
LARice Water Level	24 ft	4WD 300	3,500	100	15	0.149	1.43	6.36	0.23	0.92	8.95	0.49	5.98	15.44
Levee Splitter (1/80	2 blade	2WD 150	6,760	50	10	0.004	0.04	0.08	0.00	0.01	0.14	0.06	0.08	0.29
Lo-Till & Bed	4R-38	MFWD 190	5,100	150	12	0.145	1.39	3.91	0.26	0.58	6.16	0.49	3.76	10.42
Middle Buster	6R-38	MFWD 150	11,700	160	8	0.120	1.15	2.55	0.32	0.41	4.44	1.07	2.56	8.08
Middle Buster	8R-30	MFWD 190	17,110	160	8	0.114	1.09	3.07	0.45	0.45	5.08	1.48	2.95	9.52
Middle Buster	8R-38	MFWD 190	15,500	160	8	0.090	0.86	2.42	0.32	0.35	3.98	1.06	2.33	7.38
Middle Buster	8R-40 2x1	MFWD 190	25,900	160	8	0.060	0.57	1.61	0.36	0.23	2.79	1.18	1.55	5.53
Middle Buster	10R-30	MFWD 225	27,000	160	8	0.091	0.87	2.90	0.57	0.46	4.82	1.87	2.99	9.69
Middle Buster	10R-38	MFWD 225	29,500	160	8	0.072	0.69	2.29	0.49	0.36	3.84	1.61	2.36	7.82
Middle Buster	12R-38	MFWD 225	25,900	160	8	0.060	0.57	1.91	0.36	0.30	3.15	1.18	1.97	6.31
Module Builder-1st	2R-38(157)	MFWD 190	33,304	200	10	0.519	9.97	13.97	4.32	2.07	30.35	9.12	13.45	52.93
Module Builder-1st	4R-30(255)	MFWD 190	30,500	200	10	0.327	6.28	8.80	2.49	1.30	18.89	5.26	8.47	32.63
Module Builder-1st	4R-30(325)	MFWD 190	30,500	200	10	0.327	6.28	8.80	2.49	1.30	18.89	5.26	8.47	32.63
Module Builder-1st	4R-38(255)	MFWD 190	30,500	200	10	0.257	4.94	6.93	1.96	1.02	14.87	4.14	6.67	25.69
Module Builder-1st	4R-38(325)	MFWD 190	30,500	200	10	0.257	4.94	6.93	1.96	1.02	14.87	4.14	6.67	25.69
Module Builder-1st	4R2x1260hp	MFWD 190	30,500	200	10	0.172	3.30	4.63	1.31	0.68	9.94	2.77	4.46	17.17
Module Builder-1st	5R-30(255)	MFWD 190	30,500	200	10	0.261	5.02	7.04	1.99	1.04	15.11	4.21	6.78	26.10
Module Builder-1st	5R-38(255)	MFWD 190	30,500	200	10	0.207	3.97	5.57	1.57	0.82	11.95	3.33	5.36	20.65
Module Builder-1st	6R-30(325)	MFWD 190	30,500	200	10	0.218	4.19	5.86	1.66	0.86	12.59	3.51	5.65	21.75
Module Builder-1st	6R-38(325)	MFWD 190	30,500	200	10	0.172	3.30	4.63	1.31	0.68	9.94	2.77	4.46	17.17
Module Builder-2nd	2R-38(157)	MFWD 190	35,588	200	10	0.440	8.45	11.83	3.91	1.75	25.95	8.26	11.39	45.62
Module Builder-2nd	4R-30(255)	MFWD 190	35,588	200	10	0.277	5.32	7.45	2.46	1.10	16.35	5.20	7.18	28.74
Module Builder-2nd	4R-30(325)	MFWD 190	35,588	200	10	0.277	5.32	7.45	2.46	1.10	16.35	5.20	7.18	28.74
Module Builder-2nd	4R-38(255)	MFWD 190	35,588	200	10	0.218	4.19	5.87	1.94	0.87	12.87	4.09	5.65	22.63
Module Builder-2nd	4R-38(325)	MFWD 190	35,588	200	10	0.218	4.19	5.87	1.94	0.87	12.87	4.09	5.65	22.63
Module Builder-2nd	4R2x1 255	MFWD 190	35,588	200	10	0.145	2.80	3.92	1.29	0.58	8.60	2.73	3.77	15.12
Module Builder-2nd	5R-30(255)	MFWD 190	35,588	200	10	0.221	4.25	5.96	1.97	0.88	13.08	4.16	5.74	22.99
Module Builder-2nd	5R-38(255)	MFWD 190	35,588	200	10	0.175	3.36	4.72	1.56	0.69	10.35	3.29	4.54	18.19
Module Builder-2nd	6R-30(325)	MFWD 190	35,588	200	10	0.184	3.54	4.97	1.64	0.73	10.90	3.47	4.78	19.16
Module Builder-2nd	6R-38(325)	MFWD 190	35,588	200	10	0.145	2.80	3.92	1.29	0.58	8.60	2.73	3.77	15.12
Module Builder-Strip	13' Bcast	MFWD 150	30,500	200	10	0.251	4.83	5.34	1.92	0.86	12.96	4.05	5.38	22.40
Module Builder-Strip	16' Bcast	MFWD 150	30,500	200	10	0.204	3.92	4.34	1.56	0.70	10.53	3.29	4.37	18.20
Module Builder-Strip	19' Brush	MFWD 150	30,500	200	10	0.172	3.30	3.65	1.31	0.59	8.87	2.77	3.68	15.32
Module Builder-Strip	4R-30	MFWD 150	33,700	200	10	0.327	6.28	6.95	2.75	1.12	17.11	5.81	6.99	29.93
Module Builder-Strip	4R-30 2X1	MFWD 150	30,500	200	10	0.218	4.19	4.63	1.66	0.74	11.23	3.51	4.66	19.41
Module Builder-Strip	4R-38	MFWD 150	30,500	200	10	0.257	4.94	5.47	1.96	0.88	13.27	4.14	5.51	22.93
Module Builder-Strip	4R-38 2X1	MFWD 150	30,500	200	10	0.172	3.30	3.65	1.31	0.59	8.87	2.77	3.68	15.32
Module Builder-Strip	5R-30	MFWD 150	30,500	200	10	0.261	5.02	5.56	1.99	0.89	13.48	4.21	5.59	23.29
Module Builder-Strip	5R-38	MFWD 150	30,500	200	10	0.207	3.97	4.39	1.57	0.71	10.66	3.33	4.42	18.43
Module Builder-Strip	6R-30	MFWD 150	30,500	200	10	0.218	4.19	4.63	1.66	0.74	11.23	3.51	4.66	19.41
Mulcher Plow	30'	MFWD 225	0	100	10	0.068	0.65	2.16	0.00	0.34	3.16	0.00	2.23	5.39
NT Grain Drill	12'	2WD 130	35,100	150	8	0.163	3.14	3.01	2.15	0.43	8.74	4.27	2.71	15.73
NT Grain Drill	15'	MFWD 150	38,600	150	8	0.130	2.51	2.78	1.89	0.44	7.63	3.75	2.79	14.19
NT Grain Drill	20'	MFWD 170	55,200	150	8	0.098	1.88	2.36	2.03	0.39	6.67	4.03	2.56	13.27
NT Grain Drill	24'	MFWD 190	74,200	150	8	0.081	1.57	2.20	2.27	0.32	6.37	4.51	2.11	13.01
NT Grain Drill	30'	MFWD 225	94,400	150	8	0.065	1.25	2.08	2.31	0.33	5.99	4.59	2.14	12.73
NT Grain Drill & Pre	12'	2WD 130	40,100	150	8	0.176	3.38	3.24	2.65	0.47	9.74	5.25	2.92	17.93

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre Louisiana, 2011.

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M--- Imp. P.U.	Total Direct	--Fixed-- Imp. P.U.	Total Cost		
			dollars	hours	years	hr/ac	-----\$/acre-----							
NT Grain Drill & Pre	15'	MFWD 150	43,600	150	8	0.141	2.70	2.99	2.30	0.48	8.49	4.57	3.01	16.08
NT Grain Drill & Pre	20'	MFWD 170	60,100	150	8	0.105	2.03	2.54	2.38	0.42	7.38	4.72	2.75	14.87
NT Grain Drill & Pre	24'	MFWD 190	79,100	150	8	0.088	1.69	2.37	2.61	0.35	7.02	5.18	2.28	14.49
NT Grain Drill & Pre	30'	MFWD 225	99,400	150	8	0.070	1.35	2.24	2.62	0.35	6.58	5.21	2.31	14.10
NT Plant&Pre-Folding	8R-38	MFWD 170	44,300	150	8	0.083	1.60	2.01	1.38	0.33	5.34	2.75	2.18	10.27
NT Plant&Pre-Folding	8R-38 2x1	MFWD 170	72,400	150	8	0.055	1.06	1.33	1.51	0.22	4.14	2.99	1.45	8.59
NT Plant&Pre-Folding	10R-30	MFWD 190	57,555	150	8	0.084	1.62	2.27	1.82	0.33	6.06	3.62	2.19	11.87
NT Plant&Pre-Folding	10R-38	MFWD 190	52,893	150	8	0.066	1.28	1.79	1.32	0.26	4.66	2.62	1.72	9.01
NT Plant&Pre-Folding	12R-20	MFWD 190	66,700	150	8	0.105	2.03	2.84	2.64	0.42	7.94	5.24	2.73	15.92
NT Plant&Pre-Folding	12R-30	MFWD 190	69,100	150	8	0.070	1.35	1.89	1.82	0.28	5.35	3.62	1.82	10.80
NT Plant&Pre-Folding	12R-38	MFWD 190	72,400	150	8	0.055	1.06	1.49	1.51	0.22	4.29	2.99	1.44	8.73
NT Plant&Pre-Folding	16R-30	MFWD 190	96,400	150	8	0.052	1.01	1.42	1.91	0.21	4.56	3.79	1.36	9.72
NT Plant&Pre-Folding	23R-15	MFWD 190	101,000	150	8	0.073	1.41	1.97	2.78	0.29	6.46	5.51	1.90	13.88
NT Plant&Pre-Folding	24R-20	MFWD 190	127,000	150	8	0.052	1.01	1.42	2.51	0.21	5.16	4.99	1.36	11.53
NT Plant&Pre-Folding	24R-30	MFWD 190	151,000	150	8	0.035	0.67	0.94	1.99	0.14	3.76	3.95	0.91	8.63
NT Plant&Pre-Rigid	4R-30	2WD 130	25,100	150	8	0.211	4.06	3.89	1.99	0.56	10.50	3.94	3.51	17.97
NT Plant&Pre-Rigid	4R-38	2WD 130	26,600	150	8	0.166	3.19	3.06	1.66	0.44	8.36	3.29	2.76	14.43
NT Plant&Pre-Rigid	6R-30	MFWD 150	33,600	150	8	0.141	2.70	2.99	1.77	0.48	7.96	3.52	3.01	14.50
NT Plant&Pre-Rigid	6R-38	MFWD 150	31,700	150	8	0.111	2.13	2.36	1.32	0.38	6.20	2.62	2.38	11.21
NT Plant&Pre-Rigid	8R-22	MFWD 170	26,219	150	8	0.143	2.76	3.46	1.41	0.57	8.21	2.80	3.75	14.77
NT Plant&Pre-Rigid	8R-30	MFWD 170	40,200	150	8	0.105	2.03	2.54	1.59	0.42	6.59	3.16	2.75	12.51
NT Plant&Pre-Rigid	8R-38	MFWD 170	37,100	150	8	0.077	1.48	1.85	1.07	0.30	4.72	2.12	2.01	8.86
NT Plant&Pre-Rigid	10R-30	MFWD 190	39,600	150	8	0.084	1.62	2.27	1.25	0.33	5.49	2.49	2.19	10.17
NT Plant&Pre-Rigid	12R-20	MFWD 190	49,200	150	8	0.105	2.03	2.84	1.95	0.42	7.24	3.87	2.73	13.85
NT Plant&Pre-Rigid	12R-30	MFWD 190	55,300	150	8	0.070	1.35	1.89	1.46	0.28	4.99	2.90	1.82	9.71
NT Plant-Folding	8R-38	MFWD 170	39,300	150	8	0.077	1.49	1.86	1.14	0.31	4.81	2.26	2.02	9.10
NT Plant-Folding	8R-38 2x1	MFWD 170	65,700	150	8	0.051	0.99	1.24	1.27	0.20	3.71	2.52	1.34	7.59
NT Plant-Folding	10R-30	MFWD 190	52,061	150	8	0.078	1.50	2.11	1.53	0.31	5.46	3.04	2.03	10.54
NT Plant-Folding	10R-38	MFWD 190	47,646	150	8	0.061	1.18	1.66	1.10	0.24	4.21	2.19	1.60	8.01
NT Plant-Folding	12R-20	MFWD 190	61,800	150	8	0.098	1.88	2.64	2.27	0.39	7.19	4.51	2.54	14.25
NT Plant-Folding	12R-30	MFWD 190	64,100	150	8	0.065	1.25	1.76	1.57	0.26	4.85	3.12	1.69	9.67
NT Plant-Folding	12R-38	MFWD 190	65,900	150	8	0.051	0.99	1.39	1.27	0.20	3.86	2.53	1.33	7.73
NT Plant-Folding	16R-30	MFWD 190	89,800	150	8	0.049	0.94	1.32	1.65	0.19	4.11	3.28	1.27	8.66
NT Plant-Folding	23R-15	MFWD 190	106,000	150	8	0.068	1.30	1.83	2.71	0.27	6.12	5.37	1.76	13.27
NT Plant-Folding	24R-20	MFWD 190	120,000	150	8	0.049	0.94	1.32	2.20	0.19	4.66	4.38	1.27	10.32
NT Plant-Folding	24R-30	MFWD 190	141,000	150	8	0.032	0.62	0.88	1.73	0.13	3.37	3.43	0.84	7.65
NT Plant-Rigid	4R-30	2WD 130	20,100	150	8	0.196	3.77	3.61	1.48	0.52	9.39	2.93	3.26	15.59
NT Plant-Rigid	4R-38	2WD 130	21,600	150	8	0.154	2.96	2.84	1.25	0.41	7.48	2.48	2.56	12.53
NT Plant-Rigid	6R-30	MFWD 150	28,700	150	8	0.130	2.51	2.78	1.40	0.44	7.15	2.79	2.79	12.74
NT Plant-Rigid	6R-38	MFWD 150	26,700	150	8	0.103	1.98	2.19	1.03	0.35	5.57	2.05	2.21	9.83
NT Plant-Rigid	8R-22	MFWD 170	21,142	150	8	0.133	2.56	3.21	1.05	0.53	7.37	2.10	3.48	12.96
NT Plant-Rigid	8R-30	MFWD 170	35,200	150	8	0.098	1.88	2.36	1.29	0.39	5.93	2.57	2.56	11.07
NT Plant-Rigid	8R-38	MFWD 170	32,100	150	8	0.077	1.49	1.86	0.93	0.31	4.60	1.85	2.02	8.48
NT Plant-Rigid	10R-30	MFWD 190	34,700	150	8	0.078	1.50	2.11	1.02	0.31	4.95	2.02	2.03	9.01
NT Plant-Rigid	12R-20	MFWD 190	44,200	150	8	0.098	1.88	2.64	1.62	0.39	6.54	3.22	2.54	12.31
NT Plant-Rigid	12R-30	MFWD 190	50,300	150	8	0.065	1.25	1.76	1.23	0.26	4.51	2.44	1.69	8.65
Paratill & Bed	4R-30	MFWD 225	10,389	150	12	0.204	1.96	6.50	0.76	1.03	10.26	1.38	6.69	18.34
Paratill & Bed	4R-38	MFWD 225	11,137	150	12	0.160	1.54	5.12	0.64	0.81	8.12	1.16	5.27	14.56
Paratill & Bed	6R-30	MFWD 225	14,468	150	12	0.136	1.30	4.33	0.71	0.68	7.04	1.28	4.46	12.79
Paratill & Bed	6R-38	MFWD 225	17,739	150	12	0.107	1.03	3.42	0.68	0.54	5.68	1.24	3.52	10.45
Paratill & Bed	8R-30	MFWD 225	19,561	150	12	0.102	0.98	3.25	0.72	0.51	5.47	1.30	3.34	10.12
Paratill & Bed	8R382X1	MFWD 225	48,077	150	12	0.053	0.51	1.71	0.93	0.27	3.43	1.68	1.76	6.88
Paratill & Bed Fold.	8R-38	MFWD 225	50,300	150	12	0.080	0.77	2.57	1.46	0.40	5.22	2.64	2.64	10.51
Paratill & Bed Fold.	12R-38	MFWD 225	63,900	150	12	0.053	0.51	1.71	1.24	0.27	3.74	2.23	1.76	7.74
Paratill & Bed Rigid	8R-38	MFWD 225	22,200	150	12	0.080	0.77	2.57	0.64	0.40	4.40	1.16	2.64	8.21
Pipe Drag	30'	2WD 150	500	100	12	0.051	0.49	1.09	0.00	0.16	1.77	0.02	1.04	2.83
Pipe Spool 160ac	1/4m roll	2WD 130	3,470	15	12	0.003	0.09	0.05	0.00	0.00	0.16	0.07	0.05	0.28
Pipe Trailer 1m/160a	30'	2WD 130	1,100	100	15	0.003	0.18	0.06	0.00	0.01	0.25	0.00	0.06	0.32
Plant & Pre Folding	8R-38	MFWD 170	40,000	150	8	0.080	1.54	1.93	1.20	0.32	4.99	2.38	2.09	9.48
Plant & Pre Folding	8R38 2x1	MFWD 170	66,100	150	8	0.053	1.02	1.28	1.32	0.21	3.85	2.62	1.39	7.87
Plant & Pre Folding	10R-30	MFWD 190	52,920	150	8	0.081	1.55	2.18	1.61	0.32	5.67	3.19	2.10	10.98
Plant & Pre Folding	10R-38	MFWD 190	48,258	150	8	0.064	1.22	1.72	1.15	0.25	4.36	2.29	1.65	8.32
Plant & Pre Folding	12R-20	MFWD 190	60,400	150	8	0.101	1.94	2.73	2.29	0.40	7.38	4.56	2.62	14.57
Plant & Pre Folding	12R-30	MFWD 190	62,800	150	8	0.067	1.29	1.82	1.59	0.26	4.98	3.16	1.75	9.89
Plant & Pre Folding	12R-38	MFWD 190	66,100	150	8	0.053	1.02	1.43	1.32	0.21	4.00	2.62	1.38	8.01
Plant & Pre Folding	16R-30	MFWD 190	88,000	150	8	0.050	0.97	1.36	1.67	0.20	4.21	3.32	1.31	8.85
Plant & Pre Folding	23R-15	MFWD 190	98,500	150	8	0.070	1.35	1.89	2.60	0.28	6.13	5.16	1.82	13.12
Plant & Pre Folding	24R-20	MFWD 190	114,000	150	8	0.050	0.97	1.36	2.17	0.20	4.71	4.30	1.31	10.33
Plant & Pre Folding	24R-30	MFWD 190	138,000	150	8	0.033	0.64	0.91	1.75	0.13	3.44	3.47	0.87	7.79
Plant & Pre Rigid	4R-30	2WD 130	23,000	150	8	0.203	3.89	3.73	1.75	0.54	9.92	3.47	3.37	16.77
Plant & Pre Rigid	4R-38	2WD 130	24,500	150	8	0.159	3.07	2.94	1.46	0.42	7.90	2.91	2.65	13.47
Plant & Pre Rigid	6R-30	MFWD 150	31,500	150	8	0.135	2.59	2.87	1.59	0.46	7.53	3.17	2.89	13.60

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre Louisiana, 2011.

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost	
									Imp.	P.U.		Imp.	P.U.		
			dollars	hours	years	hr/ac	-----\$/acre-----								
Plant & Pre Rigid	6R-38	MFWD 150	28,500	150	8	0.106	2.05	2.26	1.14	0.36	5.83	2.26	2.28	10.38	
Plant & Pre Rigid	8R-22	MFWD 170	23,550	150	8	0.138	2.65	3.32	1.22	0.55	7.75	2.41	3.60	13.77	
Plant & Pre Rigid	8R-30	MFWD 170	36,000	150	8	0.101	1.94	2.44	1.37	0.40	6.17	2.71	2.64	11.53	
Plant & Pre Rigid	8R-38	MFWD 170	32,900	150	8	0.080	1.54	1.93	0.99	0.32	4.78	1.96	2.09	8.84	
Plant & Pre Rigid	10R-30	MFWD 190	34,400	150	8	0.081	1.55	2.18	1.04	0.32	5.11	2.07	2.10	9.29	
Plant & Pre Rigid	12R-20	MFWD 190	42,900	150	8	0.101	1.94	2.73	1.63	0.40	6.71	3.24	2.62	12.58	
Plant & Pre Rigid	12R-30	MFWD 190	49,000	150	8	0.067	1.29	1.82	1.24	0.26	4.63	2.46	1.75	8.85	
Plant - Folding	8R-38	MFWD 170	35,100	150	8	0.074	1.43	1.79	0.98	0.29	4.50	1.94	1.94	8.39	
Plant - Folding	8R-38 2x1	MFWD 170	59,600	150	8	0.049	0.95	1.19	1.10	0.19	3.45	2.19	1.29	6.94	
Plant - Folding	10R-30	MFWD 190	47,426	150	8	0.075	1.44	2.02	1.34	0.30	5.11	2.66	1.95	9.73	
Plant - Folding	10R-38	MFWD 190	43,011	150	8	0.059	1.14	1.59	0.95	0.23	3.93	1.90	1.54	7.38	
Plant - Folding	12R-20	MFWD 190	55,440	150	8	0.094	1.81	2.53	1.96	0.37	6.68	3.88	2.44	13.01	
Plant - Folding	12R-30	MFWD 190	57,800	150	8	0.062	1.20	1.69	1.36	0.25	4.51	2.70	1.62	8.84	
Plant - Folding	12R-38	MFWD 190	59,600	150	8	0.049	0.95	1.33	1.10	0.19	3.59	2.19	1.28	7.07	
Plant - Folding	16R-30	MFWD 190	81,400	150	8	0.047	0.90	1.26	1.43	0.18	3.79	2.85	1.22	7.87	
Plant - Folding	23R-15	MFWD 190	93,500	150	8	0.065	1.25	1.76	2.29	0.26	5.57	4.55	1.69	11.82	
Plant - Folding	24R-20	MFWD 190	108,000	150	8	0.047	0.90	1.26	1.90	0.18	4.27	3.78	1.22	9.27	
Plant - Folding	24R-30	MFWD 190	128,100	150	8	0.031	0.60	0.84	1.50	0.12	3.08	2.99	0.81	6.89	
Plant - Rigid	4R-30	2WD 130	18,000	150	8	0.188	3.62	3.46	1.27	0.50	8.86	2.52	3.13	14.52	
Plant - Rigid	4R-38	2WD 130	19,500	150	8	0.148	2.85	2.73	1.08	0.39	7.06	2.15	2.46	11.68	
Plant - Rigid	6R-30	MFWD 150	26,600	150	8	0.125	2.41	2.66	1.25	0.43	6.76	2.48	2.68	11.94	
Plant - Rigid	6R-38	MFWD 150	23,500	150	8	0.099	1.90	2.10	0.87	0.34	5.22	1.73	2.12	9.08	
Plant - Rigid	8R-22	MFWD 170	18,473	150	8	0.127	2.45	3.07	0.88	0.51	6.93	1.75	3.33	12.02	
Plant - Rigid	8R-30	MFWD 170	31,000	150	8	0.094	1.81	2.26	1.09	0.37	5.55	2.17	2.45	10.18	
Plant - Rigid	8R-38	MFWD 170	27,900	150	8	0.074	1.43	1.79	0.77	0.29	4.30	1.54	1.94	7.79	
Plant - Rigid	10R-30	MFWD 190	29,400	150	8	0.075	1.44	2.02	0.83	0.30	4.60	1.64	1.95	8.21	
Plant - Rigid	12R-20	MFWD 190	37,900	150	8	0.094	1.81	2.53	1.34	0.37	6.06	2.65	2.44	11.16	
Plant - Rigid	12R-30	MFWD 190	44,000	150	8	0.062	1.20	1.69	1.03	0.25	4.18	2.05	1.62	7.86	
Plant - Rigid	15R-15	2WD 150	43,200	150	8	0.094	1.81	2.00	1.52	0.30	5.64	3.02	1.89	10.56	
Pull Levee (1m/80a)	4 blade	2WD 50	3,180	100	10	0.003	0.03	0.02	0.00	0.00	0.06	0.01	0.01	0.09	
Rice Grain Cart	500 Bu	MFWD 190	16,979	200	12	0.057	0.54	1.53	0.26	0.22	2.57	0.47	1.47	4.52	
Rice Grain Cart	700 Bu	MFWD 190	23,337	200	12	0.063	0.60	1.70	0.40	0.25	2.96	0.72	1.64	5.33	
Roller	32'	MFWD 170	12,595	100	12	0.046	0.44	1.12	0.09	0.18	1.85	0.57	1.21	3.64	
Rotary Cutter	7'	MFWD 130	3,920	185	10	0.168	1.61	3.09	0.53	0.48	5.73	0.39	3.01	9.14	
Rotary Cutter	12'	2WD 150	10,100	185	10	0.098	0.94	2.08	0.80	0.31	4.14	0.58	1.97	6.70	
Rotary Cutter	15'	MFWD 150	17,500	185	10	0.078	0.75	1.66	1.11	0.26	3.80	0.81	1.67	6.29	
Row Cond & Inc	13'	2WD 130	11,100	100	10	0.137	1.98	2.53	0.38	0.36	5.27	1.67	2.29	9.24	
Row Cond & Inc	21'	2WD 170	14,600	100	10	0.085	1.22	2.05	0.31	0.29	3.88	1.36	1.89	7.14	
Row Cond & Inc	26'	MFWD 190	16,600	100	10	0.063	0.91	1.70	0.26	0.25	3.13	1.15	1.64	5.92	
Row Cond & Inc	38'	MFWD 225	21,100	100	10	0.047	0.67	1.50	0.24	0.23	2.66	1.08	1.54	5.30	
Row Cond & Inc	42'	MFWD 225	20,400	100	10	0.040	0.57	1.27	0.20	0.20	2.26	0.89	1.31	4.48	
Row Cond (Harrow)	13'	2WD 130	6,100	100	10	0.114	1.10	2.11	0.17	0.30	3.69	0.76	1.90	6.37	
Row Cond (Harrow)	21'	2WD 170	9,600	100	10	0.071	0.68	1.71	0.17	0.24	2.80	0.74	1.58	5.13	
Row Cond (Harrow)	27'	MFWD 190	11,600	100	10	0.057	0.55	1.54	0.16	0.22	2.49	0.72	1.48	4.70	
Row Cond (Harrow)	38'	MFWD 225	16,587	100	10	0.039	0.37	1.25	0.16	0.19	1.99	0.71	1.28	3.99	
Row Cond (Harrow)	42'	MFWD 225	15,582	100	10	0.035	0.34	1.13	0.13	0.17	1.79	0.60	1.16	3.56	
Row Cond (Plant)	13'	2WD 130	5,032	100	10	0.157	1.50	2.89	0.19	0.41	5.01	0.86	2.61	8.49	
Row Cond (Plant)	21'	2WD 170	7,710	100	10	0.097	0.93	2.34	0.18	0.33	3.79	0.82	2.16	6.77	
Row Cond (Plant)	27'	MFWD 190	9,476	100	10	0.078	0.75	2.11	0.18	0.31	3.36	0.81	2.03	6.21	
Row Cond (Plant)	38'	MFWD 225	16,587	100	10	0.053	0.51	1.71	0.22	0.27	2.72	0.97	1.76	5.46	
Row Cond (Plant)	42'	MFWD 225	15,582	100	10	0.048	0.46	1.54	0.18	0.24	2.45	0.82	1.59	4.87	
RT Cult (Early)	8R-30	2WD 170	20,774	200	12	0.103	0.99	2.48	1.02	0.35	4.85	1.07	2.29	8.22	
RT Cult (Early)	12R-30	2WD 190	29,998	200	12	0.068	0.66	1.84	0.98	0.23	3.73	1.03	1.53	6.30	
RT Cult (Late)	8R-30	2WD 170	20,774	200	12	0.128	1.23	3.10	1.28	0.44	6.06	1.34	2.86	10.27	
RT Cult (Late)	12R-30	2WD 190	29,998	200	12	0.085	0.82	2.31	1.23	0.29	4.66	1.29	1.91	7.88	
RT Cult + PD (Early)	8R-30	2WD 150	26,264	200	12	0.110	1.58	2.33	1.38	0.35	5.65	1.45	2.21	9.32	
RT Cult + PD (Early)	12R-30	MFWD 225	35,493	200	12	0.073	1.05	2.33	1.24	0.36	5.00	1.31	2.40	8.72	
RT Cult + PD (Late)	8R-30	2WD 170	26,264	200	12	0.137	1.97	3.30	1.73	0.47	7.48	1.81	3.05	12.36	
RT Cult + PD (Late)	12R-30	2WD 190	35,493	200	12	0.091	1.31	2.46	1.55	0.31	5.65	1.63	2.04	9.34	
SC 3Row (Cover)	18 ft	MFWD 150	10,750	200	9	0.120	1.15	2.55	1.43	0.41	5.56	0.47	2.57	8.61	
SC 3Row (Hipper)	18 ft	MFWD 150	10,500	200	9	0.120	1.15	2.54	0.68	0.41	4.79	0.85	2.56	8.21	
SC 3Row (Marker)	18 ft	MFWD 150	8,800	200	9	0.120	1.15	2.54	0.58	0.41	4.70	0.71	2.56	7.97	
SC 3Row (Offbar)	18 ft	MFWD 150	11,500	200	10	0.120	1.15	2.54	0.69	0.41	4.80	0.86	2.56	8.23	
SC 3Row (Opener)	18 ft	MFWD 150	7,800	200	10	0.120	1.15	2.54	0.46	0.41	4.58	0.58	2.56	7.73	
SC 3Row Plow	18 ft	MFWD 190	17,000	200	9	0.120	1.15	3.22	1.11	0.47	5.97	1.37	3.10	10.45	
SC Blade	8 ft	MFWD 150	3,500	100	12	0.877	8.42	18.62	2.55	3.01	32.61	2.32	18.75	53.69	
SC Boom Sprayer	16 ft	MFWD 150	2,900	150	10	0.120	1.15	2.54	0.25	0.41	4.36	0.28	2.56	7.22	
SC Burning Unit	18 ft	2WD 105	1,300	85	6	0.149	1.43	2.22	0.24	0.29	4.21	0.42	1.83	6.46	
SC Cane Planters Aid	6 ft	MFWD 150	4,500	20	20	1.000	9.60	21.23	8.43	3.43	42.70	18.18	21.37	82.26	
SC Cane Plt-1R Bille	1 row	MFWD 150	22,000	150	20	0.670	6.43	14.22	3.68	2.30	26.64	7.94	14.32	48.90	
SC Cane Plt-3R Bille	3 row	2WD 50	34,000	50	20	0.200	1.92	1.41	5.10	0.14	8.57	10.99	0.87	20.44	
SC Cane Plt-Whlstalk	6 ft	MFWD 150	22,000	150	20	0.670	6.43	14.22	3.68	2.30	26.64	7.94	14.32	48.90	

Appendix Table 4. Operating inputs: estimated prices Louisiana, 2011.

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
		dollars			dollars
ADJUVANTS					
Crop Oil (Seed Oil)	pt	3.33	Phosphorus(46% P2O5)	cwt	22.00
Crop Oil (Petroleum)	pt	1.41	Potash (60% K2O)	cwt	23.00
Surfactant	pt	2.44	Sulfur	lb	0.20
CUSTOM FERT/LIME					
App Fert by Air	cwt	6.25	UAN (32% N)	cwt	12.50
App Fert by Air(Min)	appl	6.25	UAN + Sulfur (28% N)	cwt	12.00
Custom Apply Fert	acre	6.25	Urea, Solid (46% N)	cwt	19.00
Custom Spread(Truc	appl	4.50	Zinc	lb	0.55
Lime (Spread)	ton	46.00	FUNGICIDES		
CUSTOM HARVEST/HAUL					
Haul Corn	bu	0.18	Apron Maxx RTA	oz	0.74
Haul Cotton	lb	0.02	Apron XL	oz	8.13
Haul Rice	bu	0.18	Apron XL LS	oz	8.51
Haul Rice (cwt)	cwt	0.25	Benlate 50 WP	lb	15.95
Haul Sorghum	bu	0.18	Captan 4L	pt	2.83
Haul Soybeans	bu	0.18	Captan 50 WP	lb	5.62
Haul Wheat	bu	0.18	Cruiser 5FS	oz	17.38
LARice Haul	cwt	0.30	Delta Coat AD	oz	3.75
CUSTOM PLANT					
LARice Air Plant NE	cwt	5.50	Dithane F-45	qt	7.11
LARice Air Plant SW	cwt	5.60	Dithane Rainsheild	lb	2.54
Plant by Air	cwt	6.25	Fungicide	lb	2.82
CUSTOM SPRAY					
App by Air (1 gal)	appl	2.50	Gem 25 WG	oz	3.70
App by Air (2 gal)	appl	3.50	Manzate 75 DF	lb	3.48
App by Air (3 gal)	appl	4.00	Manzate Flowable	pt	4.60
App by Air (5 gal)	appl	5.50	Moncut 70 DF	lb	24.85
App by Air (10 gal)	appl	7.25	Orbit	oz	2.75
Custom Apply	acre	5.00	Prevail	lb	27.24
Custom Terragator	acre	5.00	Quadris	oz	2.52
LARice GPS Charge-SW	acre	0.35	Ridomil GoldPC 10G	lb	2.08
LARice GPS Charge_NE	acre	0.25	Ridomil Gold PC	lb	2.24
FERTILIZERS					
Amm Nitrate (34% N)	cwt	18.00	Rovral 4F	pt	17.83
Amm Sulfate (21% N)	cwt	14.00	Shelter	oz	8.50
Anhy Ammonia (82% N)	cwt	28.00	Stiletto	oz	0.56
Boron (Solubor)	lb	0.42	Stratego	pt	17.77
DAP	cwt	25.00	Terraclor Flowable	pt	4.74
Fert 10-34-0	cwt	22.00	Terraclor 2EC	pt	1.87
Fert 41-0-0-4	cwt	18.50	Terraclor Super X EC	pt	3.95
LA Nitrogen	lb	0.51	Terraclor Super X G	lb	2.82
LA Phosphate	lb	0.63	Tilt 3.6 EC	oz	2.15
LA Potash	lb	0.48	Vitavax 200	oz	0.47
			Vitavax M Flowable	oz	1.06
			Vitavax RTU-Thiram	oz	0.35
			Vitavax T-L	oz	0.29
			GIN/DRY		
			Dry Corn	bu	0.19

Appendix Table 4. Operating inputs: estimated prices Louisiana, 2011.

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
		dollars			dollars
Dry Grain Sorghum	cwt	0.25	HERBICIDES (Con't)		
Dry Rice	bu	0.40	Atrazine 4L	pt	2.10
Dry Rice (cwt)	cwt	0.90	Atrazine 90DF	lb	4.14
Gin	lb	0.09	Authority 75DF	lb	26.40
LARice Dry	cwt	0.90	Axiom 68DF	lb	25.74
GROWTH REGULATORS			Backdraft	pt	2.40
Early Harvest PGR	oz	1.55	Banvel	pt	6.31
LA Polado	oz	0.38	Basagran	pt	12.16
Mepex	oz	0.10	Basis Gold	lb	9.00
PGR IV	oz	1.55	Beacon 75% WSP	oz	31.45
Pix Plus	oz	0.28	Beyond	oz	4.47
Pix Ultra	oz	0.39	Bicep II Magnum	qt	10.57
HARVEST AIDS			Bicep II zmsgnum	qt	10.57
Accelerate	pt	2.59	Bladex 4L	qt	0.00
Ammonium Sulfate	lb	0.14	Bladex 90DF	lb	0.00
Boll'd	pt	7.01	Blazer 2L	pt	0.00
CottonQuik	pt	4.25	Blazer Ultra	pt	8.56
Def 6	pt	6.50	Boa	pt	3.63
Def/Folex	pt	6.53	Bolero 8EC	pt	5.73
Dropp 50 WP	lb	45.45	Boundary	pt	10.09
Dropp SC	oz	1.74	Buctril 4EC	pt	16.40
Ethephon 6E	pt	2.85	Butoxone 175(2,4-DB)	pt	2.70
Finish 6	pt	7.29	Butoxone 200(2,4-DB)	pt	4.04
Folex 6EC	pt	6.56	Butyrac 175 (2,4-DB)	pt	2.71
Ginstar EC	pt	27.36	Butyrac 200 (2,4-DB)	pt	4.09
Gramoxone Extra	pt	4.86	Canopy 75%	oz	3.15
Gramoxone Inteon	oz	0.25	Canopy XL	oz	2.23
Gramoxone Max	pt	5.46	Caparol 4L	pt	3.36
Harvade 5F	oz	0.67	Celebrity Plus	lb	84.50
Leafless	pt	18.56	Clarity	pt	11.86
Prep	pt	3.19	Classic	oz	14.55
Sodium Chlorate 3L	gal	3.35	Clincher EC	oz	1.98
Solium Chlorate 6L	gal	4.69	Cobra 2EC	oz	1.26
HERBICIDES			Command 3ME	pt	15.45
2,4-D Amine 4	pt	1.74	Conclude XACT	pt	11.32
2,4-D Ester	pt	2.10	Conclude XTRA	pt	8.32
AAtrex 4L	pt	2.58	Cornerstone	pt	3.88
AAtrex NINE-O	lb	4.57	Cotoran 4L	pt	4.88
Accent Gold	oz	6.12	Cotoran DF	lb	7.92
Accent SP	oz	29.01	Cotton Pro Flowable	pt	3.13
Aim 2EC	oz	6.56	Crossbow	pt	8.05
Aim DF	oz	9.65	Delta Goal	pt	9.44
Arrosolo	qt	7.88	Denim 0.16 EC	pt	24.06
Assure II	oz	1.08	Detail	pt	7.99

Appendix Table 4. Operating inputs: estimated prices Louisiana, 2011.

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
		dollars			dollars
Direx 4L	pt	3.54	HERBICIDES (Con't)		
Direx 80 DF	lb	7.37	Lightning	oz	13.28
Diuron 4L	pt	2.91	Linex 4L	pt	8.65
Diuron 80 DF	lb	4.55	Londax 60DF	oz	14.29
Domain 60DF	lb	12.75	Lorox 50DF	lb	15.83
DSMA 4	pt	0.90	MSMA 6.6	pt	2.69
Dual II Magnum	pt	13.26	MSMA6 + Surfactant	pt	2.92
Dual Magnum	pt	12.64	Newpath 2SL	oz	3.84
Duet	pt	4.39	Ordram 15-G	lb	1.34
Evik DF 80W	lb	8.66	Ordram 8-E	pt	9.42
Exceed	oz	10.71	Outlook	pt	20.68
Exceed Custom Pak	oz	11.50	Pendimax 3.3	pt	2.47
Expert	pt	3.68	Permit 75DF	oz	19.00
Facet 75DF	lb	49.92	Poast 1.53	pt	9.47
First Rate	oz	37.48	Poast Plus	pt	7.37
Flexstar HL	pt	15.24	Propanil 4E	qt	5.15
FloMet 4L	pt	4.74	Prowl 3.3 EC	pt	4.29
Freedom	qt	2.51	Pursuit DG	oz	11.59
Front Row	oz	21.92	Pursuit Plus EC	pt	7.10
Frontier 6.0	oz	0.63	Python WDG	oz	12.48
Fultime	pt	4.27	Raptor	oz	4.62
Fusilade DX	oz	1.46	Reflex 2LC	pt	14.68
Fusion	pt	23.84	Regiment 80WP	oz	35.02
Glyfos	pt	1.66	Remedy	pt	15.12
Glyphomax	pt	3.49	Resource .86EC	pt	23.46
Glyphosate Plus 4L	pt	3.19	Ricestar	pt	18.13
Glystar Plus	pt	1.69	Roundup Original	pt	7.25
Goal 2XL	pt	9.58	Roundup Original Max	oz	0.45
Gramoxone Max	pt	5.46	Roundup Power Max	pt	4.14
Gramoxone Max	pt	5.46	Roundup Ultra MAX	pt	5.97
Grandstand R	qt	25.10	Roundup Ultra Dry	lb	6.14
Guardzman	pt	4.66	Roundup WeatherMax	oz	0.28
Guardzman Max	pt	6.29	Scepter 70 DG	oz	3.81
Harmony Extra	oz	11.75	Select 2EC	oz	1.53
Hoelon 3EC	pt	11.03	Sencor 4F	pt	14.74
Karmex DF	lb	4.20	Sencor DF	lb	14.85
LA Asulox/Asulam	gal	39.00	Squadron CE	pt	4.55
LA Weedmaster	qt	7.50	Stam 4E	qt	5.12
Lariat	qt	5.71	Stam 80 EDF	lb	5.30
Lasso 4EC	qt	6.60	Staple 85%	oz	16.01
Layby Pro	qt	11.68	Staple Plus	oz	6.96
Lexone 75DF	lb	18.90	Steadfast	oz	22.59
Liberty	pt	8.31	Steel	pt	10.28
Lightning	oz	13.28	Storm	pt	11.18

Appendix Table 4. Operating inputs: estimated prices Louisiana, 2011.

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
		dollars			dollars
HERBICIDES (Con't)			INSECTICIDES (Con't)		
Strongarm	oz	43.49	Dipel DF	lb	11.75
Superwham	qt	7.62	Dipel ES	pt	4.56
Suprend	lb	11.18	Force 3G	lb	5.06
Surpass 20G	lb	2.36	Furadan 4F	pt	10.36
Surpass EC	qt	23.75	Fury 1.5 EC	oz	1.30
Touchdown	qt	9.32	Gaicho 480	oz	8.56
Touchdown 4 IQ	pt	3.33	Intrepid 2F	oz	1.66
Touchdown Total	qt	7.66	Intruder 70WP	oz	8.43
Treflan HFP	pt	3.16	Karate Z	oz	2.87
Treflan TR-10	lb	0.92	Lannate LV	pt	8.81
Tri-Scept	pt	5.24	Lannate SP	oz	1.69
Trifluralin 4EC	pt	2.97	Larvin 3.2	oz	0.57
Trilin 10G	lb	0.79	Leverage 2.7	oz	1.37
Trilin 4EC	pt	2.12	Lorsban 15G	lb	1.80
Typhoon	qt	13.06	Lorsban 4E	pt	6.20
Valor WP	oz	4.23	Malathion 57EC	pt	4.23
Whip 360	pt	25.08	Malathion 8E	pt	5.50
Zorial Rapid 80DF	lb	13.95	Malathion ULV	pt	4.93
INSECTICIDES			Mepichlor 4.2% Liq	pt	5.91
Acephate 90SP	lb	6.46	Methyl Parathion	pt	4.63
Admire 2 Flowable	oz	4.78	Monitor 4	pt	16.33
Ammo 2.5 EC	oz	0.92	Monitor 4	pt	15.67
Asana .66 XL	oz	0.68	Mustang Max	oz	1.30
Aztec 2.1% G	lb	2.84	Orthene 90S	lb	3.25
Baythroid 2	oz	2.17	Orthene 97	lb	10.59
Bidrin 8L	oz	0.85	Penncap M	pt	3.50
Brigade EC	pt	15.10	Phaser 3E	qt	8.13
Brigade WSB	lb	21.00	Pounce 25WP	lb	10.63
Capture 2EC	oz	1.50	Pounce 3.2 EC	oz	0.91
Centric 40WG	oz	4.22	Provado 1.6F	oz	1.94
Comite	pt	6.00	Sevin 80S	lb	7.35
Confirm 2F	oz	1.62	Sevin XLR Plus	qt	10.56
Counter 15G	lb	2.58	Spintor 2SC	oz	4.93
Counter CR	lb	2.65	Steward	pt	25.71
Curacron 8E	pt	10.73	Temik 15G Grit	lb	3.80
Decis 1.5EC	oz	2.84	Thimet 20-G	lb	2.84
Declare	pt	4.08	Thionex 3EC	pt	3.47
Denim 0.16EC	pt	26.42	Thionex 50W	lb	8.20
Di-Syston 15G	lb	3.48	Tracer	oz	7.30
Di-Syston 8	pt	14.32	Trimax	oz	3.11
Diamond .83EC	pt	16.28	Vydate C-LV	oz	0.62
Dimethoate 4E	pt	5.63	Warrior Z	oz	1.85
Dimilin 2L	oz	1.73	Warrior ZT	oz	1.88

Appendix Table 4. Operating inputs: estimated prices Louisiana, 2011.

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
		dollars			dollars
IRRIGATION SUPPLIES			SERVICE FEE		
Rice Gates	each	3.65	Cotton Checkoff	bale	2.56
Roll-Out Pipe	ft	0.20	Cotton Storage	bale	25.00
SEED/PLANTS			Crop Consultant	acre	9.50
Corn Seed BtRR	thou	2.90	Insect Scouting	acre	7.00
Corn Seed RR	thou	2.56	Rice Consultant	acre	7.00
Corn Seed VT3	thou	2.84	SC Treating Charge	acre	0.00
Corn Seed VT3Pro	thou	3.12	Survey & Mark Levees	acre	4.50
Cotton Seed BG/RR	thou	0.62	Survey & Mark Levees	acre	3.50
Cotton Seed BGII/RRF	thou	0.61	TECHNOLOGY FEE		
Cotton Seed Bt	thou	0.28	BG Cot Tech Fee	thou	0.28
Cotton Seed BtRR	thou	0.46	BG Cot Tech Fee	cap/	19.50
Cotton Seed Liberty	thou	1.05	BG II Cot Tech Fee	thou	0.76
Cotton Seed Liberty	thou	1.05	BG II Cot Tech Fee	cap/	32.25
Cotton Seed RR	thou	0.53	BG II/RR Tech Fee	thou	1.32
Cotton Seed RR	thou	0.53	BG II/RR Tech Fee	cap/	61.25
Cotton Seed WS	thou	0.49	BGII/RRF Cot Tech Fe	thou	1.49
Cotton Seed WS/RRF	thou	0.59	BGII/RRF Cot Tech Fe	cap/	69.25
Rice Clearfield 161	lb	0.89	Eradication Fee	acre	6.00
Rice Clearfield XL8	lb	4.88	RR Cotton Tech Fee	thou	0.80
Rice Seed (Levees)	lb	0.36	RR Cotton Tech Fee	cap/	37.25
Rice Seed CF(Levees)	lb	0.89	RR Cotton Tech Fee	thou	0.08
Rice Seed Conv.	lb	0.36	RR Cotton Tech Fee	cap/	37.25
Rice Seed Hybrid	lb	5.44	RRF Cotton Tech Fee	thou	1.04
SC Cultured seedcane	acre	484.00	RRF Cotton Tech Fee	cap/	48.25
Sorghum Concept	lb	1.77			
Sorghum Hybrid Sudax	lb	1.20			
Sorghum NonConcept	lb	1.18			
Soybean Seed LL	lb	0.89			
Soybean Seed Private	lb	0.38			
Soybean Seed RR	lb	0.99			
Soybean Seed Stack	lb	1.28			
Wheat Seed Private	lb	0.27			