
**2013
Projected
Commodity
Costs
And
Returns**

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

Michael A. Deliberto and Michael E. Salassi



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**PROJECTED COSTS AND RETURNS
COTTON, SOYBEANS, CORN, GRAIN SORGHUM,
AND WHEAT, LOUISIANA, 2013**

by

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INTERNET ACCESS

This publication, along with 2013 projected costs and returns for other commodities as well as other farm management publications, is available on the Internet on the LSU Ag Center web page under "Money and Business - Farm and Business - Budgets". The web address for the LSU Ag Center is: www.lsuagcenter.com

PROJECTED COSTS AND RETURNS -- COTTON, SOYBEANS, CORN, GRAIN SORGHUM, AND WHEAT, LOUISIANA, 2013

by

Michael A. Deliberto and Michael E. Salassi¹

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 2013. 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 2013 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 \$6.00 per acre. Cotton budgets in this publication include the assessment as a cost of producing cotton for 2013.

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 \$73 per acre compared to about \$88 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 2013 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 7 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 2013 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, 2013.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	_____
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	3.31	2.8274	9.36	_____
Engine, RPF, 75	gal	3.31	8.5535	28.32	_____
REPAIR & MAINTENANCE					
Implements	Acre	0.41	1.0000	0.41	_____
Tractors	Acre	1.15	1.0000	1.15	_____
Well & Pump, Furrow	each	390.00	0.0062	2.44	_____
Engine, RPF, 75	ac-in	0.31	10.5000	3.36	_____
INTEREST ON OP. CAP.	Acre	0.83	1.0000	0.83	_____
TOTAL DIRECT EXPENSES				58.10	_____
FIXED EXPENSES					
Implements	Acre	1.11	1.0000	1.11	_____
Tractors	Acre	7.36	1.0000	7.36	_____
Well & Pump, Furrow	each	1182.03	0.0062	7.39	_____
Main Line Pipe	each	814.69	0.0062	5.09	_____
Land Forming (\$300)	each	28.36	1.0000	28.37	_____
Engine, RPF, 75	each	1171.91	0.0062	7.32	_____
TOTAL FIXED EXPENSES				56.64	_____
TOTAL SPECIFIED EXPENSES				114.74	_____

Table 2 Estimated costs per Acre
Center pivot irrigation system, 1/4 mile
applying 7.5 inchwa in three applications Louisiana, 2013.

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	3.31	11.2011	37.07	_____
REPAIR & MAINTENANCE					
Well & Pump, 1/4 CP	each	390.00	0.0074	2.89	_____
Engine, 1/4 CP, 65	ac-in	0.52	7.5000	3.97	_____
Pivot, 1/4 CP	1320'	1680.00	0.0074	12.44	_____
INTEREST ON OP. CAP.	Acre	0.93	1.0000	0.93	_____

TOTAL DIRECT EXPENSES				59.25	_____
FIXED EXPENSES					
Well & Pump, 1/4 CP	each	1182.03	0.0074	8.76	_____
Engine, 1/4 CP, 65	each	1171.91	0.0074	8.68	_____
Pivot, 1/4 CP	each	6883.99	0.0074	50.99	_____

TOTAL FIXED EXPENSES				68.43	_____

TOTAL SPECIFIED EXPENSES				127.68	_____

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 2013 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 2013 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 \$8.50 and the expected selling price is \$9.50 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, 2013.^A

Crop Description	Yield per Acre	Unit	Total Income	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	663.00	556.68	106.32	116.36	673.04	-10.04
Cotton, 8-row, B2/RRF, Irrigated	1100	Lbs lint	858.00	622.08	235.92	173.61	795.69	62.31
Cotton, 12-row, BGII/RRF, Irrigated	1100	Lbs. lint	858.00	598.71	259.29	169.74	768.45	89.55
Macon Ridge Area								
Cotton, 8-row, BGII/RRF, Irrigated,	1000	Lbs. lint	780.00	588.43	191.57	169.89	758.32	21.68

^ACotton lint price of \$0.78 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, 2013.^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	322.30	197.70	28.25	350.55	169.45
Soybeans, 8-row, RR, Irrigated	50	bu	650.00	369.07	280.93	84.62	453.69	196.31
Soybeans, 12-20"-row, RR	40	bu	520.00	320.54	199.46	26.69	347.23	172.77
Soybeans, 12-20"-row, RR, Irrigated	50	bu	650.00	368.21	281.79	84.46	452.67	197.33
Macon Ridge Area								
Soybeans, 8-row, Irrigated	45	bu	585.00	352.94	232.06	85.05	437.99	147.01

^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, 2013.^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	484.61	490.39	35.23	519.84	455.16
Corn grain, 8-row, RR, Irrigated	180	bu	1170.00	573.11	596.89	92.12	665.23	504.77
Corn grain, 8-row, BtRR, Dryland	150	bu	975.00	474.18	500.82	35.23	509.41	465.59
Corn grain, 8-row, BtRR, Irrigated	180	bu	1170.00	574.19	595.81	91.87	666.06	503.94
Grain sorghum, 8-row,	100	bu	520.00	305.74	214.26	26.14	331.88	188.12
Wheat, 8-row, Drilled	60	bu	468.00	231.90	236.10	25.66	257.56	210.44
Soybean-Wheat (dbl. crop), Owner	45 + 50	bu	975.00	571.55	403.45	103.87	675.42	299.58

^A Crop prices used were: \$6.50 per bushel for corn, \$5.20 per bushel for grain sorghum, \$7.80 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, 2013.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (3 gal)	appl	4.75	5.0000	23.75	_____
App by Air (5 gal)	appl	6.00	1.0000	6.00	_____
HARVEST AIDS					
Dropp SC	oz	2.34	1.2000	2.81	_____
Prep	pt	3.00	1.3300	3.99	_____
Def/Folex	pt	8.42	0.7500	6.32	_____
FERTILIZERS					
LA Phosphate	lb	0.65	60.0000	39.00	_____
LA Potash	lb	0.47	60.0000	28.20	_____
LA Nitrogen	lb	0.56	90.0000	50.40	_____
HERBICIDES					
Roundup WeatherMax	oz	0.24	88.0000	21.12	_____
2,4-D Amine 4	pt	1.89	1.0000	1.89	_____
Valor WP	oz	4.23	1.5000	6.35	_____
Cotoran 4L	pt	6.12	1.2000	7.34	_____
Dual II Magnum	pt	14.43	1.0000	14.43	_____
Layby Pro	qt	13.87	1.0000	13.87	_____
INSECTICIDES					
Ammo 2.5 EC	oz	0.92	1.2800	1.18	_____
Dimethoate 4E	pt	5.45	0.4000	2.18	_____
Centric 40WG	oz	4.46	4.0000	17.84	_____
Karate Z	oz	3.15	6.3900	20.13	_____
Orthene 90S	lb	6.50	1.1500	7.48	_____
Diamond .83EC	pt	16.28	0.7500	12.21	_____
Bidrin 8L	oz	1.01	12.0000	12.12	_____
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	0.25	16.0000	4.00	_____
SERVICE FEE					
Crop Consultant	acre	5.00	1.0000	5.00	_____
Cotton Checkoff	bale	2.56	1.7700	4.53	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	45.00	0.3300	14.85	_____
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	3.31	11.8146	39.08	_____
Self-Propelled	gal	3.31	5.3686	17.77	_____
REPAIR & MAINTENANCE					
Implements	Acre	10.44	1.0000	10.44	_____
Tractors	Acre	5.20	1.0000	5.20	_____
Self-Propelled	Acre	15.99	1.0000	15.99	_____
INTEREST ON OP. CAP.	Acre	9.69	1.0000	9.69	_____
TOTAL DIRECT EXPENSES				556.68	_____
FIXED EXPENSES					
Implements	Acre	17.63	1.0000	17.63	_____
Tractors	Acre	33.07	1.0000	33.07	_____
Self-Propelled	Acre	65.66	1.0000	65.66	_____
TOTAL FIXED EXPENSES				116.36	_____
TOTAL SPECIFIED EXPENSES				673.04	_____

Table 6.B Estimated resource use and costs for field operations, per Acre
 B2/RRFlex Cotton, 8-Row Equipment, Dryland
 Alluvial Soil, Louisiana, 2013.

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	1.76	1.24	0.06	0.16	0.04	0.47				3.69
Paratill & Bed Fold.	8R-38	MFWD 225	0.080	0.50	Nov	1.81	1.68	0.79	1.39	0.04	0.39				6.06
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Nov	2.82	1.98	0.86	0.99	0.11	1.12				7.77
LA Phosphate	lb											60.0000	0.65	39.00	39.00
LA Potash	lb											60.0000	0.47	28.20	28.20
Lime (Spread)	ton			0.33	Nov							0.3300	45.00	14.85	14.85
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Nov	2.70	1.89	0.28	0.75	0.07	0.71				6.33
Row Cond (Harrow)	27'	MFWD 190	0.057	1.00	Nov	2.09	1.46	0.18	0.77	0.05	0.55				5.05
Roller	32'	MFWD 170	0.046	1.00	Nov	1.56	1.34	0.13	0.75	0.04	0.45				4.23
Ditcher		2WD 130	0.020	1.00	Nov	0.49	0.31	0.04	0.05	0.02	0.19				1.08
Sprayer (600-750Gal)		60'	0.017	1.00	Mar	0.75	1.01			0.02	0.35				2.11
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
2,4-D Amine 4	pt											1.0000	1.89	1.89	1.89
Valor WP	oz											1.5000	4.23	6.35	6.35
Plant & Pre Folding	8R-38	MFWD 170	0.080	1.00	Apr	2.68	2.31	1.26	2.45	0.16	1.54				10.24
Cotoran 4L	pt											1.2000	6.12	7.34	7.34
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	0.49	0.31	0.04	0.05	0.02	0.19				1.08
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.82	1.98	0.86	0.99	0.11	1.12				7.77
LA Nitrogen	lb											90.0000	0.56	50.40	50.40
Sprayer (600-750Gal)		60'	0.017	1.00	May	0.75	1.01			0.02	0.35				2.11
Dimethoate 4E	pt											0.4000	5.45	2.18	2.18
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
Dual II Magnum	pt											1.0000	14.43	14.43	14.43
Sprayer (600-750Gal)		60'	0.017	1.00	May	0.75	1.01			0.02	0.35				2.11
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
Centric 40WG	oz											2.0000	4.46	8.92	8.92
Sprayer (600-750Gal)		60'	0.017	1.00	Jun	0.75	1.01			0.02	0.35				2.11
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.75	4.75	4.75
Centric 40WG	oz											2.0000	4.46	8.92	8.92
Pix Plus	oz											4.0000	0.25	1.00	1.00
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jun	2.24	1.93	0.39	0.47	0.10	0.96				5.99
Layby Pro	qt											1.0000	13.87	13.87	13.87
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	4.75	4.75	4.75
Karate Z	oz											2.1300	3.15	6.71	6.71
Orthene 90S	lb											0.6000	6.50	3.90	3.90
Diamond .83EC	pt											0.3750	16.28	6.11	6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Karate Z	oz											2.1300	3.15	6.71	6.71
Bidrin 8L	oz											6.0000	1.01	6.06	6.06
Pix Plus	oz											12.0000	0.25	3.00	3.00
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Bidrin 8L	oz											6.0000	1.01	6.06	6.06
Diamond .83EC	pt											0.3750	16.28	6.11	6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.5500	6.50	3.58	3.58
Karate Z	oz											2.1300	3.15	6.71	6.71
App by Air (5 gal)	appl			1.00	Sep							1.0000	6.00	6.00	6.00
Dropp SC	oz											1.2000	2.34	2.81	2.81
Prep	pt											1.3300	3.00	3.99	3.99
Def/Folex	pt											0.7500	8.42	6.32	6.32
Cotton Picker-1st-BB		4R38*325hp	0.257	1.00	Sep	30.76	61.62			0.51	6.41				98.79
Module Builder-1st	4R-38(325)	MFWD 190	0.257	1.00	Sep	9.37	6.57	2.02	4.18	0.51	4.94				27.08
Boll Buggy-1st pick	4R38*325hp	MFWD 190	0.257	1.00	Sep	9.37	6.57	1.69	3.50	0.25	2.47				23.60
Stalk Shredder-Flail	12'	MFWD 150	0.137	1.00	Nov	4.08	3.50	1.84	1.13	0.13	1.32				11.87
Crop Consultant	acre			1.00	Nov							1.0000	5.00	5.00	5.00
Cotton Checkoff	bale			1.00	Nov							1.7700	2.56	4.53	4.53
TOTALS						78.04	98.73	10.44	17.63	2.33	24.23			434.28	663.35
INTEREST ON OPERATING CAPITAL															9.69
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															673.04

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, 2013.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.33	0.36	0.39	0.42	0.46	0.50	0.56	0.63	0.72	0.84	1.01
PERCENT	YIELD	UNIT	-----dollars-----										
50	425.00	lb	-287	-277	-265	-251	-235	-215	-191	-161	-123	-71	0
			-404	-393	-382	-368	-351	-332	-308	-278	-239	-188	-116
60	510.00	lb	-259	-246	-232	-215	-196	-172	-143	-107	-61	0	86
			-375	-363	-348	-332	-312	-289	-260	-224	-178	-116	-30
70	595.00	lb	-230	-215	-199	-179	-156	-129	-95	-53	0	71	172
			-346	-332	-315	-296	-273	-245	-212	-170	-116	-44	56
80	680.00	lb	-201	-185	-166	-143	-117	-86	-47	0	61	143	259
			-317	-301	-282	-260	-234	-202	-164	-116	-54	27	142
90	765.00	lb	-172	-154	-132	-107	-78	-43	0	53	123	215	345
			-289	-270	-249	-224	-194	-159	-116	-62	6	99	228
100	850.00	lb	-143	-123	-99	-71	-39	0	47	107	185	287	431
			-260	-239	-215	-188	-155	-116	-68	-8	68	171	315
110	935.00	lb	-115	-92	-66	-35	0	43	95	161	246	359	518
			-231	-208	-182	-152	-116	-73	-20	45	130	243	401
120	1020.00	lb	-86	-61	-33	0	39	86	143	215	308	431	604
			-202	-178	-149	-116	-77	-30	27	99	191	315	487
130	1105.00	lb	-57	-30	0	35	78	129	191	269	370	503	690
			-173	-147	-116	-80	-37	13	75	153	253	387	574
140	1190.00	lb	-28	0	33	71	117	172	239	323	431	575	777
			-145	-116	-83	-44	1	56	123	207	315	459	660
150	1275.00	lb	0	30	66	107	156	215	287	377	493	647	863
			-116	-85	-49	-8	40	99	171	261	376	531	747

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, 2013.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.42	0.46	0.49	0.53	0.58	0.64	0.71	0.80	0.92	1.07	1.28
PERCENT	YIELD	UNIT	-----dollars-----										
50	425.00	lb	-249	-235	-220	-203	-182	-157	-127	-89	-40	25	116
			-365	-352	-337	-319	-298	-274	-243	-205	-156	-91	0
60	510.00	lb	-212	-196	-178	-157	-132	-102	-66	-20	38	116	225
			-328	-313	-295	-274	-249	-219	-182	-137	-78	0	109
70	595.00	lb	-175	-157	-136	-111	-82	-48	-5	47	116	207	335
			-292	-274	-252	-228	-199	-164	-121	-68	0	91	219
80	680.00	lb	-139	-118	-94	-66	-33	6	55	116	194	299	445
			-255	-234	-210	-182	-149	-109	-60	0	78	182	328
90	765.00	lb	-102	-79	-52	-20	16	61	116	184	272	390	554
			-219	-195	-168	-137	-99	-54	0	68	156	274	438
100	850.00	lb	-66	-40	-10	25	66	116	177	253	351	481	664
			-182	-156	-126	-91	-49	0	60	137	234	365	548
110	935.00	lb	-29	-1	32	70	116	171	238	321	429	573	774
			-146	-117	-84	-45	0	54	121	205	313	456	657
120	1020.00	lb	6	38	74	116	166	225	299	390	507	664	883
			-109	-78	-42	0	49	109	182	274	391	548	767
130	1105.00	lb	43	77	116	162	216	280	359	458	586	755	993
			-73	-39	0	45	99	164	243	342	469	639	876
140	1190.00	lb	79	116	158	207	265	335	420	527	664	847	1102
			-36	0	42	91	149	219	304	411	548	730	986
150	1275.00	lb	116	155	200	253	315	390	481	595	742	938	1212
			0	39	84	137	199	274	365	479	626	822	1096

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, 2013.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (3 gal)	appl	4.75	5.0000	23.75	_____
App by Air (5 gal)	appl	6.00	1.0000	6.00	_____
HARVEST AIDS					
Dropp SC	oz	2.34	1.2000	2.81	_____
Prep	pt	3.00	1.3300	3.99	_____
Def/Folex	pt	8.42	0.7500	6.32	_____
FERTILIZERS					
LA Phosphate	lb	0.65	60.0000	39.00	_____
LA Potash	lb	0.47	60.0000	28.20	_____
LA Nitrogen	lb	0.56	90.0000	50.40	_____
HERBICIDES					
Roundup WeatherMax	oz	0.24	88.0000	21.12	_____
2,4-D Amine 4	pt	1.89	1.0000	1.89	_____
Valor WP	oz	4.23	1.5000	6.35	_____
Cotoran 4L	pt	6.12	1.2000	7.34	_____
Dual II Magnum	pt	14.43	1.0000	14.43	_____
Layby Pro	qt	13.87	1.0000	13.87	_____
INSECTICIDES					
Ammo 2.5 EC	oz	0.92	1.2800	1.18	_____
Dimethoate 4E	pt	5.45	0.4000	2.18	_____
Orthene 90S	lb	6.50	1.8000	11.70	_____
Centric 40WG	oz	4.46	4.0000	17.84	_____
Karate Z	oz	3.15	6.3900	20.13	_____
Bidrin 8L	oz	1.01	12.0000	12.12	_____
Diamond .83EC	pt	16.28	0.7500	12.21	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	_____
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	0.25	24.0000	6.00	_____
SERVICE FEE					
Crop Consultant	acre	5.00	1.0000	5.00	_____
Cotton Checkoff	bale	2.56	2.2900	5.86	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	45.00	0.3300	14.85	_____
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	3.31	14.5355	48.09	_____
Self-Propelled	gal	3.31	5.3686	17.77	_____
Roll-Out Pipe Irr.	gal	3.31	8.5535	28.32	_____
REPAIR & MAINTENANCE					
Implements	Acre	10.99	1.0000	10.99	_____
Tractors	Acre	6.38	1.0000	6.38	_____
Self-Propelled	Acre	15.99	1.0000	15.99	_____
Roll-Out Pipe Irr.	Acre	5.80	1.0000	5.80	_____
INTEREST ON OP. CAP.	Acre	10.62	1.0000	10.62	_____
TOTAL DIRECT EXPENSES				622.08	_____
FIXED EXPENSES					
Implements	Acre	19.18	1.0000	19.18	_____
Tractors	Acre	40.60	1.0000	40.60	_____
Self-Propelled	Acre	65.66	1.0000	65.66	_____
Roll-Out Pipe Irr.	Acre	48.17	1.0000	48.17	_____
TOTAL FIXED EXPENSES				173.61	_____
TOTAL SPECIFIED EXPENSES				795.69	_____

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, 2013.

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	1.76	1.24	0.06	0.16	0.04	0.47					3.69
Paratill & Bed Fold.	8R-38	MFWD 225	0.080	0.50	Nov	1.81	1.68	0.79	1.39	0.04	0.39					6.06
Lime (Spread)	ton			0.33	Nov							0.3300	45.00	14.85		14.85
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Nov	2.82	1.98	0.86	0.99	0.11	1.12					7.77
LA Phosphate	lb											60.0000	0.65	39.00		39.00
LA Potash	lb											60.0000	0.47	28.20		28.20
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Nov	2.70	1.89	0.38	1.02	0.07	0.71					6.70
Row Cond (Harrow)	38'	MFWD 225	0.039	1.00	Nov	1.77	1.63	0.22	0.94	0.03	0.38					4.94
Roller	32'	MFWD 170	0.046	1.00	Nov	1.56	1.34	0.13	0.75	0.04	0.45					4.23
Ditcher		2WD 130	0.020	1.00	Nov	0.49	0.31	0.04	0.05	0.02	0.19					1.08
Sprayer(600-750Gal)	60'		0.017	1.00	Mar	0.75	1.01			0.02	0.35					2.11
Roundup WeatherMax	oz											22.0000	0.24	5.28		5.28
2,4-D Amine 4	pt											1.0000	1.89	1.89		1.89
Valor WP	oz											1.5000	4.23	6.35		6.35
Plant & Pre Folding	8R-38	MFWD 170	0.080	1.00	Apr	2.68	2.31	1.26	2.45	0.16	1.54					10.24
Cotoran 4L	pt											1.2000	6.12	7.34		7.34
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	0.49	0.31	0.04	0.05	0.02	0.19					1.08
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.82	1.98	0.86	0.99	0.11	1.12					7.77
LA Nitrogen	lb											90.0000	0.56	50.40		50.40
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.75	1.01			0.02	0.35					2.11
Dimethoate 4E	pt											0.4000	5.45	2.18		2.18
Roundup WeatherMax	oz											22.0000	0.24	5.28		5.28
Dual II Magnum	pt											1.0000	14.43	14.43		14.43
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.75	1.01			0.02	0.35					2.11
Roundup WeatherMax	oz											22.0000	0.24	5.28		5.28
Sprayer(600-750Gal)	60'		0.017	1.00	Jun	0.75	1.01			0.02	0.35					2.11
Roundup WeatherMax	oz											22.0000	0.24	5.28		5.28
Orthene 90S	lb											0.6000	6.50	3.90		3.90
Centric 40WG	oz											2.0000	4.46	8.92		8.92
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.75	4.75		4.75
Centric 40WG	oz											2.0000	4.46	8.92		8.92
Pix Plus	oz											12.0000	0.25	3.00		3.00
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jun	2.24	1.93	0.39	0.47	0.10	0.96					5.99
Layby Pro	qt											1.0000	13.87	13.87		13.87
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	4.75	4.75		4.75
Karate Z	oz											2.1300	3.15	6.71		6.71
Bidrin 8L	oz											6.0000	1.01	6.06		6.06
Pix Plus	oz											12.0000	0.25	3.00		3.00
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75		4.75
Karate Z	oz											2.1300	3.15	6.71		6.71
Bidrin 8L	oz											6.0000	1.01	6.06		6.06
Diamond .83EC	pt											0.3750	16.28	6.11		6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75		4.75
Orthene 90S	lb											0.6000	6.50	3.90		3.90
Karate Z	oz											2.1300	3.15	6.71		6.71
Diamond .83EC	pt											0.3750	16.28	6.11		6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75		4.75
Orthene 90S	lb											0.6000	6.50	3.90		3.90
App by Air (5 gal)	appl			1.00	Sep							1.0000	6.00	6.00		6.00
Dropp SC	oz											1.2000	2.34	2.81		2.81
Prep	pt											1.3300	3.00	3.99		3.99
Def/Folex	pt											0.7500	8.42	6.32		6.32
Cotton Picker-1st-BB		4R38*325hp	0.257	1.00	Sep	30.76	61.62			0.51	6.41					98.79
Module Builder-1st	4R-38(325)	MFWD 190	0.257	1.00	Sep	9.37	6.57	2.02	4.18	0.51	4.94					27.08
Boll Buggy-1st pick	4R38*325hp	MFWD 190	0.257	1.00	Sep	9.37	6.57	1.69	3.50	0.25	2.47					23.60
Stalk Shredder-Flail	12'	MFWD 150	0.137	1.00	Nov	4.08	3.50	1.84	1.13	0.13	1.32					11.87
Crop Consultant	acre			1.00	Nov							1.0000	5.00	5.00		5.00
Cotton Checkoff	bale			1.00	Nov							2.2900	2.56	5.86		5.86
Roll-Out Pipe Irr.	Acre				Jul	10.51	7.36	34.53	49.28	0.44	4.31	1.0000		7.92		113.91
TOTALS						88.23	106.26	45.11	67.35	2.76	28.37			449.75		785.07
INTEREST ON OPERATING CAPITAL																10.62
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																795.69

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, 2013.

			-----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	lb	-308	-297	-284	-269	-252	-231	-205	-173	-132	-77	0
			-481	-470	-457	-443	-425	-404	-378	-346	-305	-250	-173
60	660.00	lb	-277	-264	-248	-231	-210	-184	-154	-115	-66	0	92
			-450	-437	-422	-404	-383	-358	-327	-289	-239	-173	-81
70	770.00	lb	-246	-231	-213	-192	-168	-138	-102	-57	0	77	184
			-420	-404	-386	-366	-341	-312	-276	-231	-173	-96	11
80	880.00	lb	-215	-198	-177	-154	-126	-92	-51	0	66	154	277
			-389	-371	-351	-327	-299	-266	-224	-173	-107	-19	103
90	990.00	lb	-184	-165	-142	-115	-84	-46	0	57	132	231	369
			-358	-338	-315	-289	-257	-219	-173	-115	-41	57	196
100	1100.00	lb	-154	-132	-106	-77	-42	0	51	115	198	308	462
			-327	-305	-280	-250	-215	-173	-122	-58	24	134	288
110	1210.00	lb	-123	-99	-71	-38	0	46	102	173	264	385	554
			-296	-272	-244	-212	-173	-127	-70	-0	90	211	380
120	1320.00	lb	-92	-66	-35	0	42	92	154	231	330	462	646
			-266	-239	-209	-173	-131	-81	-19	57	156	288	473
130	1430.00	lb	-61	-33	0	38	84	138	205	288	396	539	739
			-235	-206	-173	-135	-89	-34	31	115	222	365	565
140	1540.00	lb	-30	0	35	77	126	184	256	346	462	616	831
			-204	-173	-138	-96	-47	11	83	172	288	442	658
150	1650.00	lb	0	33	71	115	168	231	308	404	528	693	924
			-173	-140	-102	-58	-5	57	134	230	354	519	750

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, Sandy Soil, 8-Row Equipment,
 Irrigated, Alluvial Soil, Louisiana, 2013.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.38	0.41	0.44	0.48	0.52	0.57	0.64	0.72	0.82	0.96	1.15
PERCENT	YIELD	UNIT	-----dollars-----										
50	550.00	lb	-250	-235	-217	-197	-173	-144	-108	-64	-8	67	173
			-423	-408	-391	-370	-346	-317	-282	-238	-181	-105	0
60	660.00	lb	-207	-189	-168	-144	-115	-80	-38	14	82	173	300
			-381	-363	-342	-317	-288	-254	-211	-158	-90	0	127
70	770.00	lb	-165	-144	-119	-91	-57	-17	32	94	173	279	427
			-339	-317	-293	-264	-231	-190	-141	-79	0	105	254
80	880.00	lb	-123	-98	-70	-38	0	46	102	173	264	385	555
			-296	-272	-244	-211	-173	-127	-70	0	90	211	381
90	990.00	lb	-80	-53	-21	14	58	110	173	253	355	491	682
			-254	-227	-195	-158	-115	-63	0	79	181	317	508
100	1100.00	lb	-38	-8	26	67	115	173	244	332	446	597	809
			-211	-181	-146	-105	-57	0	70	158	272	423	635
110	1210.00	lb	4	37	75	120	173	237	314	411	536	703	936
			-169	-136	-97	-52	0	63	141	238	363	529	762
120	1320.00	lb	46	82	124	173	231	300	385	491	627	809	1063
			-127	-90	-48	0	57	127	211	317	454	635	889
130	1430.00	lb	88	128	173	226	289	364	456	570	718	915	1190
			-84	-45	0	52	115	190	282	397	544	741	1017
140	1540.00	lb	131	173	222	279	346	427	526	650	809	1021	1317
			-42	0	48	105	173	254	353	476	635	847	1144
150	1650.00	lb	173	219	271	332	404	491	597	729	900	1127	1444
			0	45	97	158	231	317	423	556	726	953	1271

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, 2013.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (3 gal)	appl	4.75	5.0000	23.75	_____
App by Air (5 gal)	appl	6.00	1.0000	6.00	_____
HARVEST AIDS					
Dropp SC	oz	2.34	1.2000	2.81	_____
Prep	pt	3.00	1.3300	3.99	_____
Def/Folex	pt	8.42	0.7500	6.32	_____
FERTILIZERS					
LA Phosphate	lb	0.65	50.0000	32.50	_____
LA Potash	lb	0.47	60.0000	28.20	_____
LA Nitrogen	lb	0.56	90.0000	50.40	_____
HERBICIDES					
Roundup WeatherMax	oz	0.24	88.0000	21.12	_____
2,4-D Amine 4	pt	1.89	1.0000	1.89	_____
Valor WP	oz	4.23	1.5000	6.35	_____
Cotoran 4L	pt	6.12	1.2000	7.34	_____
Dual II Magnum	pt	14.43	1.0000	14.43	_____
Layby Pro	qt	13.87	1.0000	13.87	_____
INSECTICIDES					
Ammo 2.5 EC	oz	0.92	1.2800	1.18	_____
Dimethoate 4E	pt	5.45	0.4000	2.18	_____
Orthene 90S	lb	6.50	1.8000	11.70	_____
Centric 40WG	oz	4.46	4.0000	17.84	_____
Karate Z	oz	3.15	6.3900	20.13	_____
Bidrin 8L	oz	1.01	12.0000	12.12	_____
Diamond .83EC	pt	16.28	0.3750	6.11	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	_____
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	0.25	24.0000	6.00	_____
SERVICE FEE					
Crop Consultant	acre	5.00	1.0000	5.00	_____
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	3.31	13.7263	45.42	_____
Self-Propelled	gal	3.31	5.3686	17.77	_____
Roll-Out Pipe Irr.	gal	3.31	8.5535	28.32	_____
REPAIR & MAINTENANCE					
Implements	Acre	10.31	1.0000	10.31	_____
Tractors	Acre	5.98	1.0000	5.98	_____
Self-Propelled	Acre	15.99	1.0000	15.99	_____
Roll-Out Pipe Irr.	Acre	5.80	1.0000	5.80	_____
INTEREST ON OP. CAP.	Acre	10.44	1.0000	10.44	_____
TOTAL DIRECT EXPENSES				588.43	_____
FIXED EXPENSES					
Implements	Acre	17.97	1.0000	17.97	_____
Tractors	Acre	38.09	1.0000	38.09	_____
Self-Propelled	Acre	65.66	1.0000	65.66	_____
Roll-Out Pipe Irr.	Acre	48.17	1.0000	48.17	_____
TOTAL FIXED EXPENSES				169.89	_____
TOTAL SPECIFIED EXPENSES				758.32	_____

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, 2013.

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-----			
Disk Harrow	28'	MFWD 225	0.070	1.00	Sep	3.15	2.92	0.81	1.73	0.07	0.67				9.28
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.76	1.24	0.06	0.16	0.04	0.47				3.69
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Nov	2.82	1.98	0.86	0.99	0.11	1.12				7.77
LA Phosphate	lb											50.0000	0.65	32.50	32.50
LA Potash	lb											60.0000	0.47	28.20	28.20
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Nov	2.70	1.89	0.38	1.02	0.07	0.71				6.70
Row Cond (Harrow)	27'	MFWD 190	0.057	1.00	Nov	2.09	1.46	0.18	0.77	0.05	0.55				5.05
Roller	32'	MFWD 170	0.046	1.00	Nov	1.56	1.34	0.13	0.75	0.04	0.45				4.23
Ditcher		2WD 130	0.020	1.00	Nov	0.49	0.31	0.04	0.05	0.02	0.19				1.08
Sprayer (600-750Gal)	60'		0.017	1.00	Mar	0.75	1.01			0.02	0.35				2.11
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
2,4-D Amine 4	pt											1.0000	1.89	1.89	1.89
Valor WP	oz											1.5000	4.23	6.35	6.35
Plant & Pre Folding	8R-38	MFWD 170	0.080	1.00	Apr	2.68	2.31	1.26	2.45	0.16	1.54				10.24
Cotoran 4L	pt											1.2000	6.12	7.34	7.34
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	0.49	0.31	0.04	0.05	0.02	0.19				1.08
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.82	1.98	0.86	0.99	0.11	1.12				7.77
LA Nitrogen	lb											90.0000	0.56	50.40	50.40
Sprayer (600-750Gal)	60'		0.017	1.00	May	0.75	1.01			0.02	0.35				2.11
Dimethoate 4E	pt											0.4000	5.45	2.18	2.18
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
Dual II Magnum	pt											1.0000	14.43	14.43	14.43
Sprayer (600-750Gal)	60'		0.017	1.00	May	0.75	1.01			0.02	0.35				2.11
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
Sprayer (600-750Gal)	60'		0.017	1.00	Jun	0.75	1.01			0.02	0.35				2.11
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
Orthene 90S	lb											0.6000	6.50	3.90	3.90
Centric 40WG	oz											2.0000	4.46	8.92	8.92
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.75	4.75	4.75
Centric 40WG	oz											2.0000	4.46	8.92	8.92
Pix Plus	oz											12.0000	0.25	3.00	3.00
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jun	2.24	1.93	0.39	0.47	0.10	0.96				5.99
Layby Pro	qt											1.0000	13.87	13.87	13.87
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	4.75	4.75	4.75
Karate Z	oz											2.1300	3.15	6.71	6.71
Bidrin 8L	oz											6.0000	1.01	6.06	6.06
Pix Plus	oz											12.0000	0.25	3.00	3.00
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Karate Z	oz											2.1300	3.15	6.71	6.71
Bidrin 8L	oz											6.0000	1.01	6.06	6.06
Diamond .83EC	pt											0.3750	16.28	6.11	6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.6000	6.50	3.90	3.90
Karate Z	oz											2.1300	3.15	6.71	6.71
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.6000	6.50	3.90	3.90
App by Air (5 gal)	appl			1.00	Sep							1.0000	6.00	6.00	6.00
Dropp SC	oz											1.2000	2.34	2.81	2.81
Prep	pt											1.3300	3.00	3.99	3.99
Def/Folex	pt											0.7500	8.42	6.32	6.32
Cotton Picker-1st-BB		4R38*325hp	0.257	1.00	Sep	30.76	61.62			0.51	6.41				98.79
Module Builder-1st	6R-38(325)	MFWD 190	0.172	1.00	Sep	6.27	4.39	1.35	2.79	0.34	3.30				18.10
Boll Buggy-1st pick	4R38*325hp	MFWD 190	0.257	1.00	Sep	9.37	6.57	1.69	3.50	0.25	2.47				23.60
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Nov	2.45	2.10	1.85	1.14	0.08	0.79				8.33
Crop Consultant	acre			1.00	Nov							1.0000	5.00	5.00	5.00
Cotton Checkoff	bale			1.00	Nov							2.0800	2.56	5.32	5.32
Roll-Out Pipe Irr.	Acres				Jul	10.51	7.36	34.53	49.28	0.44	4.31	1.0000		7.92	113.91
TOTALS						85.16	103.75	44.43	66.14	2.58	26.65			421.75	747.88
INTEREST ON OPERATING CAPITAL															10.44
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															758.32

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, 2013.

			-----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	500.00	lb	-295	-285	-272	-258	-241	-221	-197	-166	-126	-73	0
			-465	-454	-442	-428	-411	-391	-366	-336	-296	-243	-169
60	600.00	lb	-266	-253	-238	-221	-201	-177	-147	-110	-63	0	88
			-435	-423	-408	-391	-371	-347	-317	-280	-233	-169	-81
70	700.00	lb	-236	-221	-204	-184	-161	-133	-98	-55	0	73	177
			-406	-391	-374	-354	-331	-302	-268	-225	-169	-95	7
80	800.00	lb	-206	-190	-170	-147	-120	-88	-49	0	63	147	266
			-376	-359	-340	-317	-290	-258	-219	-169	-106	-22	96
90	900.00	lb	-177	-158	-136	-110	-80	-44	0	55	126	221	354
			-347	-328	-306	-280	-250	-214	-169	-114	-43	51	184
100	1000.00	lb	-147	-126	-102	-73	-40	0	49	110	190	295	443
			-317	-296	-272	-243	-210	-169	-120	-59	20	125	273
110	1100.00	lb	-118	-95	-68	-36	0	44	98	166	253	369	532
			-288	-264	-238	-206	-169	-125	-71	-3	83	199	362
120	1200.00	lb	-88	-63	-34	0	40	88	147	221	316	443	620
			-258	-233	-204	-169	-129	-81	-22	51	146	273	450
130	1300.00	lb	-59	-31	0	36	80	133	197	277	380	517	709
			-229	-201	-169	-132	-89	-36	27	107	210	347	539
140	1400.00	lb	-29	0	34	73	120	177	246	332	443	591	798
			-199	-169	-135	-95	-48	7	76	162	273	421	628
150	1500.00	lb	0	31	68	110	161	221	295	388	506	665	886
			-169	-138	-101	-59	-8	51	125	218	336	495	716

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, 2013.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.40	0.43	0.47	0.51	0.55	0.61	0.68	0.76	0.87	1.02	1.22
PERCENT	YIELD	UNIT	-----dollars-----										
50	500.00	lb	-238	-224	-207	-187	-164	-136	-102	-60	-5	67	169
			-408	-394	-377	-357	-334	-306	-272	-229	-175	-102	0
60	600.00	lb	-198	-180	-160	-136	-108	-75	-34	16	82	169	292
			-367	-350	-330	-306	-278	-245	-204	-153	-87	0	122
70	700.00	lb	-157	-136	-113	-85	-53	-14	33	93	169	272	415
			-327	-306	-283	-255	-223	-183	-136	-76	0	102	245
80	800.00	lb	-116	-92	-66	-34	2	47	101	169	257	374	537
			-286	-262	-235	-204	-167	-122	-68	0	87	204	367
90	900.00	lb	-75	-49	-18	16	58	108	169	246	345	476	660
			-245	-219	-188	-153	-111	-61	0	76	175	306	490
100	1000.00	lb	-34	-5	28	67	114	169	238	323	432	578	783
			-204	-175	-141	-102	-55	0	68	153	262	408	613
110	1100.00	lb	6	38	75	118	169	231	306	399	520	680	905
			-163	-131	-94	-51	0	61	136	229	350	511	735
120	1200.00	lb	47	82	122	169	225	292	374	476	607	783	1028
			-122	-87	-47	0	55	122	204	306	438	613	858
130	1300.00	lb	88	126	169	221	281	353	442	553	695	885	1151
			-81	-43	0	51	111	183	272	383	525	715	981
140	1400.00	lb	129	169	217	272	337	415	510	629	783	987	1273
			-40	0	47	102	167	245	340	459	613	817	1103
150	1500.00	lb	169	213	264	323	392	476	578	706	870	1089	1396
			0	43	94	153	223	306	408	536	700	919	1226

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, 2013.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (3 gal)	appl	4.75	5.0000	23.75	_____
App by Air (5 gal)	appl	6.00	1.0000	6.00	_____
HARVEST AIDS					
Dropp SC	oz	2.34	1.2000	2.81	_____
Prep	pt	3.00	1.3300	3.99	_____
Def/Folex	pt	8.42	0.7500	6.32	_____
FERTILIZERS					
LA Phosphate	lb	0.65	60.0000	39.00	_____
LA Potash	lb	0.47	60.0000	28.20	_____
LA Nitrogen	lb	0.56	90.0000	50.40	_____
HERBICIDES					
Roundup WeatherMax	oz	0.24	88.0000	21.12	_____
2,4-D Amine 4	pt	1.89	1.0000	1.89	_____
Valor WP	oz	4.23	1.5000	6.35	_____
Cotoran 4L	pt	6.12	1.2000	7.34	_____
Dual II Magnum	pt	14.43	1.0000	14.43	_____
Layby Pro	qt	13.87	1.0000	13.87	_____
INSECTICIDES					
Ammo 2.5 EC	oz	0.92	1.2800	1.18	_____
Dimethoate 4E	pt	5.45	0.4000	2.18	_____
Orthene 90S	lb	6.50	1.8000	11.70	_____
Centric 40WG	oz	4.46	4.0000	17.84	_____
Karate Z	oz	3.15	6.3900	20.13	_____
Bidrin 8L	oz	1.01	12.0000	12.12	_____
Diamond .83EC	pt	16.28	0.7500	12.21	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	_____
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	0.25	24.0000	6.00	_____
SERVICE FEE					
Crop Consultant	acre	5.00	1.0000	5.00	_____
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	3.31	13.1045	43.36	_____
Self-Propelled	gal	3.31	5.3686	17.77	_____
Roll-Out Pipe Irr.	gal	3.31	8.5535	28.32	_____
REPAIR & MAINTENANCE					
Implements	Acre	10.35	1.0000	10.35	_____
Tractors	Acre	5.89	1.0000	5.89	_____
Self-Propelled	Acre	15.99	1.0000	15.99	_____
Roll-Out Pipe Irr.	Acre	5.80	1.0000	5.80	_____
INTEREST ON OP. CAP.	Acre	10.44	1.0000	10.44	_____
TOTAL DIRECT EXPENSES				598.71	_____
FIXED EXPENSES					
Implements	Acre	18.37	1.0000	18.37	_____
Tractors	Acre	37.54	1.0000	37.54	_____
Self-Propelled	Acre	65.66	1.0000	65.66	_____
Roll-Out Pipe Irr.	Acre	48.17	1.0000	48.17	_____
TOTAL FIXED EXPENSES				169.74	_____
TOTAL SPECIFIED EXPENSES				768.45	_____

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, 2013.

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	1.76	1.24	0.06	0.16	0.04	0.47					3.69
Paratill & Bed Fold.	12R-38	MFWD 225	0.053	0.50	Nov	1.20	1.12	0.67	1.19	0.02	0.26					4.44
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	1.00	Nov	2.32	2.15	0.59	0.67	0.07	0.75					6.48
LA Phosphate	lb											60.0000	0.65	39.00		39.00
LA Potash	lb											60.0000	0.47	28.20		28.20
Disk Bed (Hipper)	12R-38	MFWD 225	0.049	1.00	Nov	2.21	2.05	0.34	0.92	0.04	0.47					5.99
Row Cond (Harrow)	38'	MFWD 225	0.039	1.00	Nov	1.77	1.63	0.22	0.94	0.03	0.38					4.94
Roller	32'	MFWD 170	0.046	1.00	Nov	1.56	1.34	0.13	0.75	0.04	0.45					4.23
Ditcher		2WD 130	0.020	1.00	Nov	0.49	0.31	0.04	0.05	0.02	0.19					1.08
Sprayer (600-750Gal)		60'	0.017	1.00	Mar	0.75	1.01			0.02	0.35					2.11
Roundup WeatherMax	oz											22.0000	0.24	5.28		5.28
2,4-D Amine 4	pt											1.0000	1.89	1.89		1.89
Valor WP	oz											1.5000	4.23	6.35		6.35
Plant & Pre Folding	12R-38	MFWD 190	0.053	1.00	Apr	1.94	1.36	1.32	2.58	0.10	1.02					8.22
Cotoran 4L	pt											1.2000	6.12	7.34		7.34
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	0.49	0.31	0.04	0.05	0.02	0.19					1.08
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	1.00	Apr	2.32	2.15	0.59	0.67	0.07	0.75					6.48
LA Nitrogen	lb											90.0000	0.56	50.40		50.40
Sprayer (600-750Gal)		60'	0.017	1.00	May	0.75	1.01			0.02	0.35					2.11
Dimethoate 4E	pt											0.4000	5.45	2.18		2.18
Roundup WeatherMax	oz											22.0000	0.24	5.28		5.28
Dual II Magnum	pt											1.0000	14.43	14.43		14.43
Sprayer (600-750Gal)		60'	0.017	1.00	May	0.75	1.01			0.02	0.35					2.11
Roundup WeatherMax	oz											22.0000	0.24	5.28		5.28
Sprayer (600-750Gal)		60'	0.017	1.00	Jun	0.75	1.01			0.02	0.35					2.11
Roundup WeatherMax	oz											22.0000	0.24	5.28		5.28
Orthene 90S	lb											0.6000	6.50	3.90		3.90
Centric 40WG	oz											2.0000	4.46	8.92		8.92
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.75	4.75		4.75
Centric 40WG	oz											2.0000	4.46	8.92		8.92
Pix Plus	oz											12.0000	0.25	3.00		3.00
Spray (Direct/Layby)	12R-38	MFWD 170	0.044	1.00	Jun	1.49	1.28	0.38	0.46	0.06	0.64					4.25
Layby Pro	qt											1.0000	13.87	13.87		13.87
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	4.75	4.75		4.75
Karate Z	oz											2.1300	3.15	6.71		6.71
Bidrin 8L	oz											6.0000	1.01	6.06		6.06
Pix Plus	oz											12.0000	0.25	3.00		3.00
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75		4.75
Karate Z	oz											2.1300	3.15	6.71		6.71
Bidrin 8L	oz											6.0000	1.01	6.06		6.06
Diamond .83EC	pt											0.3750	16.28	6.11		6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75		4.75
Orthene 90S	lb											0.6000	6.50	3.90		3.90
Karate Z	oz											2.1300	3.15	6.71		6.71
Diamond .83EC	pt											0.3750	16.28	6.11		6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75		4.75
Orthene 90S	lb											0.6000	6.50	3.90		3.90
App by Air (5 gal)	appl			1.00	Sep							1.0000	6.00	6.00		6.00
Dropp SC	oz											1.2000	2.34	2.81		2.81
Prep	pt											1.3300	3.00	3.99		3.99
Def/Folex	pt											0.7500	8.42	6.32		6.32
Cotton Picker-1st-BB		4R38*325hp	0.257	1.00	Sep	30.76	61.62			0.51	6.41					98.79
Module Builder-1st	4R-38(325)	MFWD 190	0.257	1.00	Sep	9.37	6.57	2.02	4.18	0.51	4.94					27.08
Boll Buggy-1st pick	4R38*325hp	MFWD 190	0.257	1.00	Sep	9.37	6.57	1.69	3.50	0.25	2.47					23.60
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Nov	2.45	2.10	1.85	1.14	0.08	0.79					8.33
Crop Consultant	acre			1.00	Nov							1.0000	5.00	5.00		5.00
Cotton Checkoff	bale			1.00	Nov							2.2900	2.56	5.86		5.86
Roll-Out Pipe Irr.	Acre				Jul	10.51	7.36	34.53	49.28	0.44	4.31	1.0000		7.92		113.91
TOTALS						83.01	103.20	44.47	66.54	2.50	25.89			434.90		758.01
INTEREST ON OPERATING CAPITAL																10.44
UNALLOCATED LABOR																0.00
TOTAL SPECIFIED COST																768.45

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, 2013.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.26	0.28	0.30	0.33	0.36	0.39	0.44	0.49	0.56	0.66	0.79
PERCENT	YIELD	UNIT	-----dollars-----										
50	550.00	lb	-292	-282	-269	-255	-239	-219	-194	-164	-125	-73	0
			-462	-451	-439	-425	-409	-389	-364	-334	-295	-242	-169
60	660.00	lb	-263	-250	-236	-219	-199	-175	-146	-109	-62	0	87
			-432	-420	-405	-389	-369	-345	-315	-279	-232	-169	-81
70	770.00	lb	-233	-219	-202	-182	-159	-131	-97	-54	0	73	175
			-403	-389	-372	-352	-329	-301	-267	-224	-169	-96	5
80	880.00	lb	-204	-188	-168	-146	-119	-87	-48	0	62	146	263
			-374	-357	-338	-315	-289	-257	-218	-169	-107	-23	93
90	990.00	lb	-175	-156	-134	-109	-79	-43	0	54	125	219	350
			-345	-326	-304	-279	-249	-213	-169	-114	-44	49	181
100	1100.00	lb	-146	-125	-101	-73	-39	0	48	109	188	292	438
			-315	-295	-270	-242	-209	-169	-120	-60	18	122	268
110	1210.00	lb	-116	-94	-67	-36	0	43	97	164	250	365	526
			-286	-263	-237	-206	-169	-125	-72	-5	80	195	356
120	1320.00	lb	-87	-62	-33	0	39	87	146	219	313	438	614
			-257	-232	-203	-169	-129	-81	-23	49	143	268	444
130	1430.00	lb	-58	-31	0	36	79	131	194	274	376	511	701
			-228	-201	-169	-133	-89	-38	25	104	206	342	532
140	1540.00	lb	-29	0	33	73	119	175	243	329	438	584	789
			-198	-169	-135	-96	-50	5	73	159	268	415	619
150	1650.00	lb	0	31	67	109	159	219	292	383	501	658	877
			-169	-138	-102	-60	-10	49	122	214	331	488	707

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, 2013.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.36	0.39	0.42	0.46	0.50	0.55	0.61	0.69	0.79	0.92	1.10
PERCENT	YIELD	UNIT	-----dollars-----										
50	550.00	lb	-235	-221	-204	-185	-162	-134	-100	-58	-4	68	169
			-405	-391	-374	-354	-331	-304	-270	-228	-173	-101	0
60	660.00	lb	-195	-177	-157	-134	-106	-73	-33	17	82	169	291
			-365	-347	-327	-304	-276	-243	-202	-152	-86	0	121
70	770.00	lb	-154	-134	-111	-83	-51	-12	34	93	169	271	413
			-324	-304	-280	-253	-221	-182	-135	-76	0	101	243
80	880.00	lb	-114	-91	-64	-33	3	48	102	169	256	372	534
			-283	-260	-234	-202	-165	-121	-67	0	86	202	365
90	990.00	lb	-73	-47	-17	17	59	108	169	245	343	473	656
			-243	-217	-187	-152	-110	-60	0	76	173	304	486
100	1100.00	lb	-33	-4	29	68	114	169	237	321	430	575	778
			-202	-173	-140	-101	-55	0	67	152	260	405	608
110	1210.00	lb	7	39	76	119	169	230	304	397	517	676	899
			-162	-130	-93	-50	0	60	135	228	347	507	730
120	1320.00	lb	48	82	122	169	225	291	372	473	604	778	1021
			-121	-86	-46	0	55	121	202	304	434	608	851
130	1430.00	lb	88	126	169	220	280	352	440	550	691	879	1143
			-81	-43	0	50	110	182	270	380	521	709	973
140	1540.00	lb	129	169	216	271	335	413	507	626	778	981	1264
			-40	0	46	101	165	243	338	456	608	811	1095
150	1650.00	lb	169	213	263	321	390	473	575	702	865	1082	1386
			0	43	93	152	221	304	405	532	695	912	1216

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, 2013.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	6.00	3.0000	18.00	_____
App by Air (3 gal)	appl	4.75	3.0000	14.25	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.25	16.0000	4.00	_____
FERTILIZERS					
LA Phosphate	lb	0.65	50.0000	32.50	_____
LA Potash	lb	0.47	50.0000	23.50	_____
FUNGICIDES					
Quadris	oz	2.47	6.0000	14.82	_____
Stratego	pt	21.97	0.6250	13.73	_____
HERBICIDES					
Roundup WeatherMax	oz	0.24	66.0000	15.84	_____
2,4-D Amine 4	pt	1.89	1.0000	1.89	_____
Valor WP	oz	4.23	2.0000	8.46	_____
Dual II Magnum	pt	14.43	1.0000	14.43	_____
Flexstar HL	pt	16.78	1.0000	16.78	_____
INSECTICIDES					
Brigade EC	pt	15.10	0.7500	11.33	_____
Orthene 90S	lb	6.50	0.6000	3.90	_____
Intrepid 2F	oz	1.81	6.0000	10.86	_____
SEED/PLANTS					
Soybean Seed RR	lb	1.04	50.0000	52.00	_____
ADJUVANTS					
Surfactant	pt	3.50	1.0000	3.50	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	45.00	0.3300	14.85	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.28	40.0000	11.20	_____
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	3.31	4.0612	13.44	_____
Harvesters	gal	3.31	1.2047	3.99	_____
REPAIR & MAINTENANCE					
Implements	Acre	3.92	1.0000	3.92	_____
Tractors	Acre	1.89	1.0000	1.89	_____
Harvesters	Acre	2.30	1.0000	2.30	_____
INTEREST ON OP. CAP.	Acre	5.23	1.0000	5.23	_____

TOTAL DIRECT EXPENSES				323.30	_____
FIXED EXPENSES					
Implements	Acre	7.03	1.0000	7.03	_____
Tractors	Acre	12.02	1.0000	12.02	_____
Harvesters	Acre	9.20	1.0000	9.20	_____

TOTAL FIXED EXPENSES				28.25	_____

TOTAL SPECIFIED EXPENSES				351.55	_____

Table 10.B Estimated resource use and costs for field operations, per Acre
 RR Soybeans, Stale Seedbed, 8- 38"Row Equipment
 Alluvial Soils, Louisiana, 2013.

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	2.82	1.98	0.86	0.99	0.11	1.12				7.77
LA Phosphate	lb											50.0000	0.65	32.50	32.50
LA Potash	lb											50.0000	0.47	23.50	23.50
Lime (Spread)	ton			0.33	Oct							0.3300	45.00	14.85	14.85
Disk Harrow	28'	MFWD 225	0.070	1.00	Oct	3.15	2.92	0.81	1.73	0.07	0.67				9.28
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.76	1.24	0.06	0.16	0.04	0.47				3.69
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Oct	2.70	1.89	0.38	1.02	0.07	0.71				6.70
Ditcher		2WD 130	0.020	1.00	Oct	0.49	0.31	0.04	0.05	0.02	0.19				1.08
App by Air (5 gal)	appl			1.00	Mar							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
2,4-D Amine 4	pt											1.0000	1.89	1.89	1.89
Valor WP	oz											2.0000	4.23	8.46	8.46
Plant - Folding	8R-38	MFWD 170	0.074	1.00	May	2.50	2.15	1.02	1.99	0.14	1.44				9.10
Soybean Seed RR	lb											50.0000	1.04	52.00	52.00
Ditcher		2WD 130	0.020	1.00	May	0.49	0.31	0.04	0.05	0.02	0.19				1.08
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	1.42	1.22	0.14	0.17	0.06	0.61				3.56
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
Dual II Magnum	pt											1.0000	14.43	14.43	14.43
App by Air (5 gal)	appl			1.00	Jun							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
Flexstar HL	pt											1.0000	16.78	16.78	16.78
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Brigade EC	pt											0.3750	15.10	5.66	5.66
Quadris	oz											6.0000	2.47	14.82	14.82
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.6000	6.50	3.90	3.90
Stratego	pt											0.6250	21.97	13.73	13.73
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Brigade EC	pt											0.3750	15.10	5.66	5.66
Intrepid 2F	oz											6.0000	1.81	10.86	10.86
App by Air (5 gal)	appl			1.00	Sep							1.0000	6.00	6.00	6.00
Gramoxone Inteon	oz											16.0000	0.25	4.00	4.00
Surfactant	pt											1.0000	3.50	3.50	3.50
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	6.29	9.20	0.57	0.87	0.08	1.30				18.23
Haul Soybeans	bu			1.00	Oct							40.0000	0.28	11.20	11.20
TOTALS						21.62	21.22	3.92	7.03	0.64	6.70			285.83	346.32
INTEREST ON OPERATING CAPITAL															5.23
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															351.55

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, 2013.

			-----BREAKEVEN PRICE-----										
Soybeans			5.48	5.85	6.28	6.78	7.37	8.08	8.94	10.03	11.42	13.28	15.88
PERCENT	YIELD	UNIT	-----dollars-----										
50	20.00	bu	-208	-200	-192	-182	-170	-156	-138	-117	-89	-52	0
			-236	-228	-220	-210	-198	-184	-166	-145	-117	-80	-28
60	24.00	bu	-187	-178	-168	-156	-141	-124	-104	-78	-44	0	62
			-215	-206	-196	-184	-170	-153	-132	-106	-72	-28	34
70	28.00	bu	-166	-156	-144	-130	-113	-93	-69	-39	0	52	124
			-194	-184	-172	-158	-141	-121	-97	-67	-28	23	96
80	32.00	bu	-145	-133	-120	-104	-85	-62	-34	0	44	104	187
			-173	-161	-148	-132	-113	-90	-62	-28	16	75	158
90	36.00	bu	-124	-111	-96	-78	-56	-31	0	39	89	156	249
			-153	-139	-124	-106	-84	-59	-28	10	60	127	221
100	40.00	bu	-104	-89	-72	-52	-28	0	34	78	133	208	312
			-132	-117	-100	-80	-56	-28	6	49	105	179	283
110	44.00	bu	-83	-66	-48	-26	0	31	69	117	178	260	374
			-111	-95	-76	-54	-28	2	41	88	150	231	346
120	48.00	bu	-62	-44	-24	0	28	62	104	156	222	312	436
			-90	-72	-52	-28	0	34	75	127	194	283	408
130	52.00	bu	-41	-22	0	26	56	93	138	195	267	364	499
			-69	-50	-28	-2	28	65	110	166	239	335	470
140	56.00	bu	-20	0	24	52	85	124	173	234	312	416	561
			-49	-28	-4	23	56	96	145	205	283	387	533
150	60.00	bu	0	22	48	78	113	156	208	273	356	468	624
			-28	-5	19	49	85	127	179	244	328	439	595

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, 2013.

			-----BREAKEVEN PRICE-----										
Soybeans			5.95	6.35	6.82	7.37	8.01	8.78	9.73	10.91	12.43	14.45	17.29
PERCENT	YIELD	UNIT	-----dollars-----										
50	20.00	bu	-198	-190	-181	-170	-157	-141	-122	-99	-68	-28	28
			-226	-218	-209	-198	-185	-170	-151	-127	-97	-56	0
60	24.00	bu	-175	-166	-154	-141	-126	-107	-85	-56	-20	28	96
			-204	-194	-183	-170	-154	-136	-113	-85	-48	0	68
70	28.00	bu	-153	-141	-128	-113	-95	-73	-47	-14	28	84	164
			-181	-170	-157	-141	-123	-102	-75	-42	0	56	136
80	32.00	bu	-130	-117	-102	-85	-64	-39	-9	28	76	141	232
			-158	-145	-130	-113	-92	-68	-37	0	48	113	204
90	36.00	bu	-107	-93	-76	-56	-33	-5	28	70	125	198	300
			-136	-121	-104	-85	-61	-34	0	42	97	170	272
100	40.00	bu	-85	-68	-50	-28	-2	28	66	113	174	255	368
			-113	-97	-78	-56	-30	0	37	85	145	226	340
110	44.00	bu	-62	-44	-24	-0	28	62	103	155	222	311	436
			-90	-72	-52	-28	0	34	75	127	194	283	408
120	48.00	bu	-39	-20	2	28	59	96	141	198	271	368	504
			-68	-48	-26	0	30	68	113	170	243	340	476
130	52.00	bu	-17	3	28	56	90	130	179	240	319	425	572
			-45	-24	0	28	61	102	151	212	291	396	544
140	56.00	bu	5	28	54	84	121	164	217	283	368	481	640
			-22	0	26	56	92	136	189	255	340	453	612
150	60.00	bu	28	52	80	113	151	198	255	325	417	538	708
			0	24	52	85	123	170	226	297	388	510	680

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, 2013.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	6.00	2.0000	12.00	_____
App by Air (3 gal)	appl	4.75	4.0000	19.00	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.25	16.0000	4.00	_____
FERTILIZERS					
LA Phosphate	lb	0.65	50.0000	32.50	_____
LA Potash	lb	0.47	50.0000	23.50	_____
FUNGICIDES					
Quadris	oz	2.47	6.0000	14.82	_____
Stratego	pt	21.97	0.6250	13.73	_____
HERBICIDES					
Roundup WeatherMax	oz	0.24	66.0000	15.84	_____
2,4-D Amine 4	pt	1.89	1.0000	1.89	_____
Valor WP	oz	4.23	2.0000	8.46	_____
Dual II Magnum	pt	14.43	1.0000	14.43	_____
Flexstar HL	pt	16.78	1.0000	16.78	_____
INSECTICIDES					
Brigade EC	pt	15.10	0.7500	11.33	_____
Orthene 90S	lb	6.50	0.6000	3.90	_____
Intrepid 2F	oz	1.81	6.0000	10.86	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	_____
SEED/PLANTS					
Soybean Seed RR	lb	1.04	50.0000	52.00	_____
ADJUVANTS					
Surfactant	pt	3.50	1.0000	3.50	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	45.00	0.3300	14.85	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.28	50.0000	14.00	_____
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	3.31	6.8886	22.80	_____
Harvesters	gal	3.31	1.2047	3.99	_____
Roll-Out Pipe Irr.	gal	3.31	4.8877	16.20	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.23	1.0000	4.23	_____
Tractors	Acre	3.04	1.0000	3.04	_____
Harvesters	Acre	2.30	1.0000	2.30	_____
Roll-Out Pipe Irr.	Acre	4.36	1.0000	4.36	_____
INTEREST ON OP. CAP.	Acre	5.84	1.0000	5.84	_____

TOTAL DIRECT EXPENSES				369.07	_____
FIXED EXPENSES					
Implements	Acre	7.87	1.0000	7.87	_____
Tractors	Acre	19.38	1.0000	19.38	_____
Harvesters	Acre	9.20	1.0000	9.20	_____
Roll-Out Pipe Irr.	Acre	48.17	1.0000	48.17	_____

TOTAL FIXED EXPENSES				84.62	_____

TOTAL SPECIFIED EXPENSES				453.69	_____

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, 2013.

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	45.00	14.85	14.85
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Oct	2.82	1.98	0.86	0.99	0.11	1.12				7.77
LA Phosphate	lb											50.0000	0.65	32.50	32.50
LA Potash	lb											50.0000	0.47	23.50	23.50
Disk Harrow	28'	MFWD 225	0.070	1.00	Oct	3.15	2.92	0.81	1.73	0.07	0.67				9.28
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.76	1.24	0.06	0.16	0.04	0.47				3.69
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	2.70	1.89	0.28	0.75	0.07	0.71				6.33
Ditcher		2WD 130	0.020	1.00	Oct	0.49	0.31	0.04	0.05	0.02	0.19				1.08
App by Air (5 gal)	appl			1.00	Mar							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
2,4-D Amine 4	pt											1.0000	1.89	1.89	1.89
Valor WP	oz											2.0000	4.23	8.46	8.46
Plant - Folding	8R-38	MFWD 170	0.074	1.00	May	2.50	2.15	1.02	1.99	0.14	1.44				9.10
Soybean Seed RR	lb											50.0000	1.04	52.00	52.00
Ditcher		2WD 130	0.020	1.00	May	0.49	0.31	0.04	0.05	0.02	0.19				1.08
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	1.42	1.22	0.14	0.17	0.06	0.61				3.56
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
Dual II Magnum	pt											1.0000	14.43	14.43	14.43
App by Air (5 gal)	appl			1.00	Jun							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
Flexstar HL	pt											1.0000	16.78	16.78	16.78
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Brigade EC	pt											0.3750	15.10	5.66	5.66
Quadris	oz											6.0000	2.47	14.82	14.82
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.6000	6.50	3.90	3.90
Stratego	pt											0.6250	21.97	13.73	13.73
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Brigade EC	pt											0.3750	15.10	5.66	5.66
Intrepid 2F	oz											6.0000	1.81	10.86	10.86
App by Air (3 gal)	appl			1.00	Sep							1.0000	4.75	4.75	4.75
Gramoxone Inteon	oz											16.0000	0.25	4.00	4.00
Surfactant	pt											1.0000	3.50	3.50	3.50
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	6.29	9.20	0.57	0.87	0.08	1.30				18.23
Haul Soybeans	bu			1.00	Oct							50.0000	0.28	14.00	14.00
Roll-Out Pipe Irr.	Acre				Jul	10.51	7.36	20.97	49.28	0.44	4.31	1.0000		7.92	100.35
TOTALS						32.13	28.58	24.79	56.04	1.09	11.01			295.30	447.85
INTEREST ON OPERATING CAPITAL															5.84
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															453.69

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, 2013.

			-----BREAKEVEN PRICE-----										
Soybeans			5.01	5.35	5.74	6.19	6.73	7.38	8.17	9.15	10.42	12.11	14.48
PERCENT	YIELD	UNIT	-----dollars-----										
50	25.00	bu	-236	-228	-218	-207	-193	-177	-157	-133	-101	-59	0
			-321	-312	-303	-291	-278	-262	-242	-217	-186	-143	-84
60	30.00	bu	-212	-202	-191	-177	-161	-141	-118	-88	-50	0	70
			-297	-287	-275	-262	-245	-226	-202	-173	-135	-84	-13
70	35.00	bu	-189	-177	-163	-147	-129	-106	-78	-44	0	59	141
			-273	-262	-248	-232	-213	-191	-163	-128	-84	-25	57
80	40.00	bu	-165	-152	-136	-118	-96	-70	-39	0	50	118	212
			-250	-236	-221	-202	-181	-155	-124	-84	-33	33	128
90	45.00	bu	-141	-126	-109	-88	-64	-35	0	44	101	177	283
			-226	-211	-193	-173	-149	-120	-84	-40	16	92	199
100	50.00	bu	-118	-101	-81	-59	-32	0	39	88	152	236	354
			-202	-186	-166	-143	-116	-84	-45	4	67	152	270
110	55.00	bu	-94	-76	-54	-29	0	35	78	133	202	295	425
			-179	-160	-139	-114	-84	-49	-5	48	118	211	341
120	60.00	bu	-70	-50	-27	0	32	70	118	177	253	354	496
			-155	-135	-111	-84	-52	-13	33	92	168	270	412
130	65.00	bu	-47	-25	0	29	64	106	157	221	304	414	567
			-131	-109	-84	-55	-20	21	73	137	219	329	483
140	70.00	bu	-23	0	27	59	96	141	197	266	354	473	638
			-108	-84	-57	-25	12	57	112	181	270	388	554
150	75.00	bu	0	25	54	88	129	177	236	310	405	532	709
			-84	-59	-30	4	44	92	152	225	321	447	625

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, 2013.

			-----BREAKEVEN PRICE-----										
Soybeans			6.14	6.56	7.04	7.60	8.27	9.07	10.05	11.27	12.84	14.93	17.86
PERCENT	YIELD	UNIT	-----dollars-----										
50	25.00	bu	-208	-197	-185	-171	-155	-135	-110	-80	-40	11	84
			-293	-282	-270	-256	-239	-219	-195	-164	-125	-73	0
60	30.00	bu	-179	-166	-152	-135	-115	-91	-61	-25	21	84	172
			-263	-251	-236	-219	-199	-175	-146	-109	-62	0	87
70	35.00	bu	-149	-135	-118	-98	-75	-47	-13	29	84	157	260
			-234	-219	-202	-183	-159	-131	-97	-54	0	73	175
80	40.00	bu	-120	-103	-84	-61	-35	-3	35	84	147	231	348
			-205	-188	-169	-146	-119	-87	-48	0	62	146	263
90	45.00	bu	-91	-72	-50	-25	4	40	84	139	210	304	436
			-175	-156	-135	-109	-79	-43	0	54	125	219	351
100	50.00	bu	-61	-40	-16	11	44	84	133	194	273	377	524
			-146	-125	-101	-73	-39	0	48	109	188	293	439
110	55.00	bu	-32	-9	16	47	84	128	182	249	335	450	612
			-117	-94	-67	-36	0	43	97	164	251	366	527
120	60.00	bu	-3	21	50	84	124	172	231	304	398	524	700
			-87	-62	-33	0	39	87	146	219	313	439	615
130	65.00	bu	26	53	84	121	164	216	279	359	461	597	787
			-58	-31	0	36	79	131	195	274	376	512	703
140	70.00	bu	55	84	118	157	204	260	328	414	524	670	875
			-29	0	33	73	119	175	244	329	439	586	791
150	75.00	bu	84	116	152	194	244	304	377	469	587	744	963
			0	31	67	109	159	219	293	384	502	659	879

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, 2013.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	6.00	3.0000	18.00	_____
App by Air (3 gal)	appl	4.75	3.0000	14.25	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.25	16.0000	4.00	_____
FERTILIZERS					
LA Phosphate	lb	0.65	50.0000	32.50	_____
LA Potash	lb	0.47	50.0000	23.50	_____
FUNGICIDES					
Quadris	oz	2.47	6.0000	14.82	_____
Stratego	pt	21.97	0.6250	13.73	_____
HERBICIDES					
Roundup WeatherMax	oz	0.24	66.0000	15.84	_____
2,4-D Amine 4	pt	1.89	1.0000	1.89	_____
Valor WP	oz	4.23	2.0000	8.46	_____
Dual II Magnum	pt	14.43	1.0000	14.43	_____
Flexstar HL	pt	16.78	1.0000	16.78	_____
INSECTICIDES					
Brigade EC	pt	15.10	0.7500	11.33	_____
Orthene 90S	lb	6.50	0.6000	3.90	_____
Intrepid 2F	oz	1.81	6.0000	10.86	_____
SEED/PLANTS					
Soybean Seed RR	lb	1.04	50.0000	52.00	_____
ADJUVANTS					
Surfactant	pt	3.50	1.0000	3.50	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	45.00	0.3300	14.85	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.28	40.0000	11.20	_____
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	3.31	3.4392	11.38	_____
Harvesters	gal	3.31	1.2047	3.99	_____
REPAIR & MAINTENANCE					
Implements	Acre	3.98	1.0000	3.98	_____
Tractors	Acre	1.57	1.0000	1.57	_____
Harvesters	Acre	2.30	1.0000	2.30	_____
INTEREST ON OP. CAP.	Acre	5.27	1.0000	5.27	_____

TOTAL DIRECT EXPENSES				320.54	_____
FIXED EXPENSES					
Implements	Acre	7.45	1.0000	7.45	_____
Tractors	Acre	10.04	1.0000	10.04	_____
Harvesters	Acre	9.20	1.0000	9.20	_____

TOTAL FIXED EXPENSES				26.69	_____

TOTAL SPECIFIED EXPENSES				347.23	_____

Table 12.B Estimated resource use and costs for field operations, per Acre
 RR Soybeans, Stale Seedbed, 12-20"Row Equipment
 Alluvial Soils, Louisiana, 2013.

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	3.52	3.27	0.92	1.05	0.11	1.13				9.89
LA Phosphate	lb											50.0000	0.65	32.50	32.50
LA Potash	lb											50.0000	0.47	23.50	23.50
Lime (Spread)	ton			0.33	Oct							0.3300	45.00	14.85	14.85
Field Cultivate	32'	MFWD 190	0.046	1.00	Oct	1.70	1.19	0.37	1.60	0.04	0.45				5.31
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.76	1.24	0.06	0.16	0.04	0.47				3.69
Ditcher		2WD 130	0.020	1.00	Oct	0.49	0.31	0.04	0.05	0.02	0.19				1.08
App by Air (5 gal)	appl			1.00	Mar							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
2,4-D Amine 4	pt											1.0000	1.89	1.89	1.89
Valor WP	oz											2.0000	4.23	8.46	8.46
NT Plant-Rigid	12R-20	MFWD 190	0.098	1.00	May	3.57	2.50	1.71	3.34	0.19	1.88				13.00
Soybean Seed RR	lb											50.0000	1.04	52.00	52.00
Ditcher		2WD 130	0.020	1.00	May	0.49	0.31	0.04	0.05	0.02	0.19				1.08
Spray (Bcast/HB)	40' Fold	MFWD 170	0.042	1.00	May	1.42	1.22	0.27	0.33	0.06	0.61				3.85
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
Dual II Magnum	pt											1.0000	14.43	14.43	14.43
App by Air (5 gal)	appl			1.00	Jun							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
Flexstar HL	pt											1.0000	16.78	16.78	16.78
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Brigade EC	pt											0.3750	15.10	5.66	5.66
Quadris	oz											6.0000	2.47	14.82	14.82
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.6000	6.50	3.90	3.90
Stratego	pt											0.6250	21.97	13.73	13.73
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Brigade EC	pt											0.3750	15.10	5.66	5.66
Intrepid 2F	oz											6.0000	1.81	10.86	10.86
App by Air (5 gal)	appl			1.00	Sep							1.0000	6.00	6.00	6.00
Gramoxone Inteon	oz											16.0000	0.25	4.00	4.00
Surfactant	pt											1.0000	3.50	3.50	3.50
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	6.29	9.20	0.57	0.87	0.08	1.30				18.23
Haul Soybeans	bu			1.00	Oct							40.0000	0.28	11.20	11.20
TOTALS						19.24	19.24	3.98	7.45	0.59	6.22			285.83	341.96
INTEREST ON OPERATING CAPITAL															5.27
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															347.23

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, 2013.

			-----BREAKEVEN PRICE-----										
Soybeans			5.43	5.80	6.22	6.72	7.31	8.01	8.87	9.94	11.32	13.16	15.74
PERCENT	YIELD	UNIT	-----dollars-----										
50	20.00	bu	-206	-198	-190	-180	-168	-154	-137	-115	-88	-51	0
			-232	-225	-217	-207	-195	-181	-164	-142	-115	-78	-26
60	24.00	bu	-185	-176	-166	-154	-140	-123	-103	-77	-44	0	61
			-212	-203	-193	-181	-167	-150	-129	-104	-70	-26	35
70	28.00	bu	-164	-154	-142	-128	-112	-92	-68	-38	0	51	123
			-191	-181	-169	-155	-139	-119	-95	-65	-26	24	97
80	32.00	bu	-144	-132	-118	-103	-84	-61	-34	0	44	103	185
			-171	-159	-145	-129	-111	-88	-61	-26	17	76	158
90	36.00	bu	-123	-110	-95	-77	-56	-30	0	38	88	154	247
			-150	-137	-121	-104	-82	-57	-26	11	61	127	220
100	40.00	bu	-103	-88	-71	-51	-28	0	34	77	132	206	309
			-129	-115	-98	-78	-54	-26	7	50	105	179	282
110	44.00	bu	-82	-66	-47	-25	0	30	68	115	176	257	371
			-109	-92	-74	-52	-26	4	42	89	150	231	344
120	48.00	bu	-61	-44	-23	0	28	61	103	154	220	309	432
			-88	-70	-50	-26	1	35	76	127	194	282	406
130	52.00	bu	-41	-22	0	25	56	92	137	193	265	360	494
			-67	-48	-26	-0	29	66	110	166	238	334	468
140	56.00	bu	-20	0	23	51	84	123	171	231	309	412	556
			-47	-26	-2	24	57	97	145	205	282	385	529
150	60.00	bu	0	22	47	77	112	154	206	270	353	463	618
			-26	-4	20	50	85	127	179	243	326	437	591

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, 2013.

			-----BREAKEVEN PRICE-----										
Soybeans			5.88	6.28	6.74	7.28	7.91	8.68	9.61	10.78	12.28	14.27	17.07
PERCENT	YIELD	UNIT	-----dollars-----										
50	20.00	bu	-197	-189	-180	-169	-156	-141	-122	-99	-69	-29	26
			-223	-215	-206	-195	-183	-167	-149	-125	-95	-55	0
60	24.00	bu	-174	-165	-154	-141	-126	-107	-85	-57	-21	26	93
			-201	-191	-180	-167	-152	-134	-111	-83	-47	0	67
70	28.00	bu	-152	-141	-128	-113	-95	-74	-47	-15	26	82	161
			-179	-167	-155	-139	-122	-100	-74	-41	0	55	134
80	32.00	bu	-130	-117	-102	-85	-64	-40	-10	26	74	138	228
			-156	-143	-129	-111	-91	-67	-37	0	47	111	201
90	36.00	bu	-107	-93	-76	-57	-34	-6	26	68	122	194	295
			-134	-119	-103	-83	-61	-33	0	41	95	167	268
100	40.00	bu	-85	-69	-50	-29	-3	26	64	110	170	250	362
			-111	-95	-77	-55	-30	0	37	83	143	223	335
110	44.00	bu	-62	-45	-24	-1	26	60	101	152	218	306	429
			-89	-71	-51	-27	0	33	74	125	191	279	403
120	48.00	bu	-40	-21	0	26	57	93	138	194	266	362	497
			-67	-47	-25	0	30	67	111	167	239	335	470
130	52.00	bu	-18	2	26	54	87	127	176	236	314	418	564
			-44	-23	0	27	61	100	149	209	287	391	537
140	56.00	bu	4	26	52	82	118	161	213	278	362	474	631
			-22	0	25	55	91	134	186	251	335	447	604
150	60.00	bu	26	50	78	110	148	194	250	320	410	530	698
			0	23	51	83	122	167	223	293	383	503	671

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, 2013.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	6.00	3.0000	18.00	_____
App by Air (3 gal)	appl	4.75	3.0000	14.25	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.25	16.0000	4.00	_____
FERTILIZERS					
LA Phosphate	lb	0.65	50.0000	32.50	_____
LA Potash	lb	0.47	50.0000	23.50	_____
FUNGICIDES					
Quadris	oz	2.47	6.0000	14.82	_____
Stratego	pt	21.97	0.6250	13.73	_____
HERBICIDES					
Roundup WeatherMax	oz	0.24	66.0000	15.84	_____
2,4-D Amine 4	pt	1.89	1.0000	1.89	_____
Valor WP	oz	4.23	2.0000	8.46	_____
Dual II Magnum	pt	14.43	1.0000	14.43	_____
Flexstar HL	pt	16.78	1.0000	16.78	_____
INSECTICIDES					
Brigade EC	pt	15.10	0.7500	11.33	_____
Orthene 90S	lb	6.50	0.6000	3.90	_____
Intrepid 2F	oz	1.81	6.0000	10.86	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	_____
SEED/PLANTS					
Soybean Seed RR	lb	1.04	50.0000	52.00	_____
ADJUVANTS					
Surfactant	pt	3.50	1.0000	3.50	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	45.00	0.3300	14.85	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.28	50.0000	14.00	_____
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	3.31	6.2667	20.74	_____
Harvesters	gal	3.31	1.2047	3.99	_____
Roll-Out Pipe Irr.	gal	3.31	4.8877	16.20	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.93	1.0000	4.93	_____
Tractors	Acre	2.72	1.0000	2.72	_____
Harvesters	Acre	2.30	1.0000	2.30	_____
Roll-Out Pipe Irr.	Acre	4.36	1.0000	4.36	_____
INTEREST ON OP. CAP.	Acre	5.89	1.0000	5.89	_____

TOTAL DIRECT EXPENSES				368.21	_____
FIXED EXPENSES					
Implements	Acre	9.69	1.0000	9.69	_____
Tractors	Acre	17.40	1.0000	17.40	_____
Harvesters	Acre	9.20	1.0000	9.20	_____
Roll-Out Pipe Irr.	Acre	48.17	1.0000	48.17	_____

TOTAL FIXED EXPENSES				84.46	_____

TOTAL SPECIFIED EXPENSES				452.67	_____

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, 2013.

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	3.52	3.27	0.92	1.05	0.11	1.13				9.89
LA Phosphate	lb											50.0000	0.65	32.50	32.50
LA Potash	lb											50.0000	0.47	23.50	23.50
Lime (Spread)	ton			0.33	Oct							0.3300	45.00	14.85	14.85
Field Cultivate	32'	MFWD 190	0.046	1.00	Oct	1.70	1.19	0.37	1.60	0.04	0.45				5.31
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.76	1.24	0.06	0.16	0.04	0.47				3.69
Ditcher		2WD 130	0.020	1.00	Oct	0.49	0.31	0.04	0.05	0.02	0.19				1.08
App by Air (5 gal)	appl			1.00	Mar							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
2,4-D Amine 4	pt											1.0000	1.89	1.89	1.89
Valor WP	oz											2.0000	4.23	8.46	8.46
NT Plant-Folding	12R-20	MFWD 190	0.098	1.00	May	3.57	2.50	2.38	4.63	0.19	1.88				14.96
Soybean Seed RR	lb											50.0000	1.04	52.00	52.00
Ditcher		2WD 130	0.020	1.00	May	0.49	0.31	0.04	0.05	0.02	0.19				1.08
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	1.42	1.22	0.14	0.17	0.06	0.61				3.56
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
Dual II Magnum	pt											1.0000	14.43	14.43	14.43
App by Air (5 gal)	appl			1.00	Jun							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
Flexstar HL	pt											1.0000	16.78	16.78	16.78
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Brigade EC	pt											0.3750	15.10	5.66	5.66
Quadris	oz											6.0000	2.47	14.82	14.82
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.6000	6.50	3.90	3.90
Stratego	pt											0.6250	21.97	13.73	13.73
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Brigade EC	pt											0.3750	15.10	5.66	5.66
Intrepid 2F	oz											6.0000	1.81	10.86	10.86
App by Air (5 gal)	appl			1.00	Sep							1.0000	6.00	6.00	6.00
Gramoxone Inteon	oz											16.0000	0.25	4.00	4.00
Surfactant	pt											1.0000	3.50	3.50	3.50
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	6.29	9.20	0.57	0.87	0.08	1.30				18.23
Haul Soybeans	bu			1.00	Oct							50.0000	0.28	14.00	14.00
Roll-Out Pipe Irr.	Acre				Jul	10.51	7.36	20.97	49.28	0.44	4.31	1.0000		7.92	100.35
TOTALS						29.75	26.60	25.49	57.86	1.04	10.53			296.55	446.78
INTEREST ON OPERATING CAPITAL															5.89
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															452.67

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, 2013.

			-----BREAKEVEN PRICE-----										
Soybeans			5.00	5.34	5.72	6.18	6.72	7.36	8.15	9.13	10.39	12.08	14.44
PERCENT	YIELD	UNIT	-----dollars-----										
50	25.00	bu	-236	-227	-217	-206	-193	-177	-157	-132	-101	-59	0
			-320	-312	-302	-291	-277	-261	-241	-217	-185	-143	-84
60	30.00	bu	-212	-202	-190	-177	-160	-141	-118	-88	-50	0	70
			-296	-286	-275	-261	-245	-226	-202	-172	-135	-84	-13
70	35.00	bu	-188	-177	-163	-147	-128	-106	-78	-44	0	59	141
			-273	-261	-247	-232	-213	-190	-163	-128	-84	-25	57
80	40.00	bu	-165	-151	-136	-118	-96	-70	-39	0	50	118	212
			-249	-236	-220	-202	-181	-155	-123	-84	-33	33	128
90	45.00	bu	-141	-126	-108	-88	-64	-35	0	44	101	177	283
			-226	-210	-193	-172	-148	-119	-84	-40	16	92	198
100	50.00	bu	-118	-101	-81	-59	-32	0	39	88	151	236	354
			-202	-185	-166	-143	-116	-84	-45	4	67	151	269
110	55.00	bu	-94	-75	-54	-29	0	35	78	132	202	295	424
			-178	-160	-138	-113	-84	-49	-5	48	117	210	340
120	60.00	bu	-70	-50	-27	0	32	70	118	177	252	354	495
			-155	-135	-111	-84	-52	-13	33	92	168	269	411
130	65.00	bu	-47	-25	0	29	64	106	157	221	303	413	566
			-131	-109	-84	-54	-20	21	72	136	219	328	482
140	70.00	bu	-23	0	27	59	96	141	196	265	354	472	637
			-108	-84	-57	-25	12	57	112	181	269	387	552
150	75.00	bu	0	25	54	88	128	177	236	309	404	531	708
			-84	-59	-29	4	44	92	151	225	320	446	623

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, 2013.

			-----BREAKEVEN PRICE-----										
Soybeans			6.12	6.54	7.02	7.59	8.25	9.05	10.02	11.24	12.81	14.90	17.82
PERCENT	YIELD	UNIT	-----dollars-----										
50	25.00	bu	-207	-197	-185	-171	-154	-134	-110	-80	-40	11	84
			-292	-281	-269	-255	-239	-219	-194	-164	-125	-73	0
60	30.00	bu	-178	-166	-151	-134	-114	-90	-61	-25	21	84	172
			-263	-250	-236	-219	-199	-175	-146	-109	-62	0	87
70	35.00	bu	-149	-134	-117	-98	-75	-47	-13	29	84	157	259
			-233	-219	-202	-182	-159	-131	-97	-54	0	73	175
80	40.00	bu	-120	-103	-84	-61	-35	-3	35	84	147	230	347
			-204	-187	-168	-146	-119	-87	-48	0	62	146	263
90	45.00	bu	-90	-72	-50	-25	4	40	84	139	209	303	435
			-175	-156	-134	-109	-79	-43	0	54	125	219	350
100	50.00	bu	-61	-40	-16	11	44	84	133	194	272	376	523
			-146	-125	-101	-73	-39	0	48	109	187	292	438
110	55.00	bu	-32	-9	16	47	84	128	181	248	335	449	610
			-116	-93	-67	-36	0	43	97	164	250	365	526
120	60.00	bu	-3	21	50	84	124	172	230	303	397	523	698
			-87	-62	-33	0	39	87	146	219	313	438	613
130	65.00	bu	25	53	84	121	164	216	279	358	460	596	786
			-58	-31	0	36	79	131	194	274	375	511	701
140	70.00	bu	55	84	118	157	204	259	328	413	523	669	873
			-29	0	33	73	119	175	243	328	438	584	789
150	75.00	bu	84	115	151	194	243	303	376	468	585	742	961
			0	31	67	109	159	219	292	383	501	657	877

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, 2013.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	6.00	2.0000	12.00	_____
App by Air (3 gal)	appl	4.75	4.0000	19.00	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.25	16.0000	4.00	_____
FERTILIZERS					
LA Phosphate	lb	0.65	50.0000	32.50	_____
LA Potash	lb	0.47	50.0000	23.50	_____
FUNGICIDES					
Quadris	oz	2.47	6.0000	14.82	_____
Stratego	pt	21.97	0.6250	13.73	_____
HERBICIDES					
Roundup WeatherMax	oz	0.24	66.0000	15.84	_____
2,4-D Amine 4	pt	1.89	1.0000	1.89	_____
Valor WP	oz	4.23	2.0000	8.46	_____
Dual II Magnum	pt	14.43	1.0000	14.43	_____
Flexstar HL	pt	16.78	1.0000	16.78	_____
INSECTICIDES					
Brigade EC	pt	15.10	0.7500	11.33	_____
Orthene 90S	lb	6.50	0.6000	3.90	_____
Intrepid 2F	oz	1.81	6.0000	10.86	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	_____
SEED/PLANTS					
Soybean Seed RR	lb	1.04	50.0000	52.00	_____
ADJUVANTS					
Surfactant	pt	3.50	1.0000	3.50	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.28	45.0000	12.60	_____
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	3.31	6.8886	22.80	_____
Harvesters	gal	3.31	1.2047	3.99	_____
Roll-Out Pipe Irr.	gal	3.31	4.8877	16.20	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.46	1.0000	4.46	_____
Tractors	Acre	3.04	1.0000	3.04	_____
Harvesters	Acre	2.30	1.0000	2.30	_____
Roll-Out Pipe Irr.	Acre	4.36	1.0000	4.36	_____
INTEREST ON OP. CAP.	Acre	5.73	1.0000	5.73	_____
TOTAL DIRECT EXPENSES				352.94	_____
FIXED EXPENSES					
Implements	Acre	8.30	1.0000	8.30	_____
Tractors	Acre	19.38	1.0000	19.38	_____
Harvesters	Acre	9.20	1.0000	9.20	_____
Roll-Out Pipe Irr.	Acre	48.17	1.0000	48.17	_____
TOTAL FIXED EXPENSES				85.05	_____
TOTAL SPECIFIED EXPENSES				437.99	_____

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, 2013.

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	2.82	1.98	0.86	0.99	0.11	1.12				7.77
LA Phosphate	lb											50.0000	0.65	32.50	32.50
LA Potash	lb											50.0000	0.47	23.50	23.50
Disk Harrow	28'	MFWD 225	0.070	1.00	Oct	3.15	2.92	0.81	1.73	0.07	0.67				9.28
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.76	1.24	0.06	0.16	0.04	0.47				3.69
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Oct	2.70	1.89	0.38	1.02	0.07	0.71				6.70
Ditcher		2WD 130	0.020	1.00	Oct	0.49	0.31	0.04	0.05	0.02	0.19				1.08
App by Air (5 gal)	appl			1.00	Mar							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
2,4-D Amine 4	pt											1.0000	1.89	1.89	1.89
Valor WP	oz											2.0000	4.23	8.46	8.46
Plant - Folding	8R-38	MFWD 170	0.074	1.00	May	2.50	2.15	1.02	1.99	0.14	1.44				9.10
Soybean Seed RR	lb											50.0000	1.04	52.00	52.00
Ditcher		2WD 130	0.020	1.00	May	0.49	0.31	0.04	0.05	0.02	0.19				1.08
Spray (Bcast/HB)	40' Fold	MFWD 170	0.042	1.00	May	1.42	1.22	0.27	0.33	0.06	0.61				3.85
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
Dual II Magnum	pt											1.0000	14.43	14.43	14.43
App by Air (5 gal)	appl			1.00	Jun							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
Flexstar HL	pt											1.0000	16.78	16.78	16.78
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Brigade EC	pt											0.3750	15.10	5.66	5.66
Quadris	oz											6.0000	2.47	14.82	14.82
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.6000	6.50	3.90	3.90
Stratego	pt											0.6250	21.97	13.73	13.73
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Brigade EC	pt											0.3750	15.10	5.66	5.66
Intrepid 2F	oz											6.0000	1.81	10.86	10.86
App by Air (3 gal)	appl			1.00	Sep							1.0000	4.75	4.75	4.75
Gramoxone Inteon	oz											16.0000	0.25	4.00	4.00
Surfactant	pt											1.0000	3.50	3.50	3.50
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	6.29	9.20	0.57	0.87	0.08	1.30				18.23
Haul Soybeans	bu			1.00	Oct							45.0000	0.28	12.60	12.60
Roll-Out Pipe Irr.	Acre				Jul	10.51	7.36	20.97	49.28	0.44	4.31	1.0000		7.92	100.35
TOTALS						32.13	28.58	25.02	56.47	1.09	11.01			279.05	432.26
INTEREST ON OPERATING CAPITAL															5.73
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															437.99

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, 2013.

			-----BREAKEVEN PRICE-----										
Soybeans			5.32	5.68	6.09	6.58	7.15	7.84	8.68	9.73	11.08	12.88	15.40
PERCENT	YIELD	UNIT	-----dollars-----										
50	22.50	bu	-226	-218	-209	-198	-185	-170	-151	-127	-97	-56	0
			-311	-303	-294	-283	-270	-255	-236	-212	-182	-141	-85
60	27.00	bu	-204	-194	-183	-170	-154	-136	-113	-85	-48	0	68
			-289	-279	-268	-255	-239	-221	-198	-170	-133	-85	-17
70	31.50	bu	-181	-170	-157	-141	-123	-102	-75	-42	0	56	136
			-266	-255	-242	-226	-208	-187	-160	-127	-85	-28	51
80	36.00	bu	-158	-145	-130	-113	-92	-68	-37	0	48	113	204
			-243	-230	-215	-198	-177	-153	-122	-85	-36	28	119
90	40.50	bu	-136	-121	-104	-85	-61	-34	0	42	97	170	272
			-221	-206	-189	-170	-146	-119	-85	-42	12	85	187
100	45.00	bu	-113	-97	-78	-56	-30	0	37	85	145	226	340
			-198	-182	-163	-141	-115	-85	-47	0	60	141	255
110	49.50	bu	-90	-72	-52	-28	0	34	75	127	194	283	408
			-175	-157	-137	-113	-85	-51	-9	42	109	198	323
120	54.00	bu	-68	-48	-26	0	30	68	113	170	243	340	476
			-153	-133	-111	-85	-54	-17	28	85	157	255	391
130	58.50	bu	-45	-24	0	28	61	102	151	212	291	396	544
			-130	-109	-85	-56	-23	17	66	127	206	311	459
140	63.00	bu	-22	0	26	56	92	136	189	255	340	453	612
			-107	-85	-58	-28	7	51	103	170	255	368	527
150	67.50	bu	0	24	52	85	123	170	226	297	388	510	680
			-85	-60	-32	0	38	85	141	212	303	425	595

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, 2013.

			-----BREAKEVEN PRICE-----										
Soybeans			6.58	7.03	7.55	8.15	8.87	9.73	10.78	12.09	13.78	16.03	19.18
PERCENT	YIELD	UNIT	-----dollars-----										
50	22.50	bu	-198	-188	-176	-163	-146	-127	-103	-74	-36	14	85
			-283	-273	-261	-248	-231	-212	-189	-159	-121	-70	0
60	27.00	bu	-170	-157	-143	-127	-108	-85	-56	-21	24	85	170
			-255	-243	-229	-212	-193	-170	-141	-106	-60	0	85
70	31.50	bu	-141	-127	-111	-92	-69	-42	-9	31	85	155	255
			-226	-212	-196	-177	-154	-127	-94	-53	0	70	170
80	36.00	bu	-113	-97	-78	-56	-30	0	37	85	145	226	340
			-198	-182	-163	-141	-115	-85	-47	0	60	141	255
90	40.50	bu	-85	-66	-45	-21	7	42	85	138	206	297	425
			-170	-151	-130	-106	-77	-42	0	53	121	212	340
100	45.00	bu	-56	-36	-13	14	46	85	132	191	267	368	510
			-141	-121	-98	-70	-38	0	47	106	182	283	425
110	49.50	bu	-28	-6	19	49	85	127	179	244	328	439	595
			-113	-91	-65	-35	0	42	94	159	243	354	510
120	54.00	bu	-0	24	52	85	123	170	226	297	388	510	680
			-85	-60	-32	0	38	85	141	212	303	425	595
130	58.50	bu	28	54	85	120	162	212	274	350	449	581	765
			-56	-30	0	35	77	127	189	265	364	496	680
140	63.00	bu	56	85	117	155	201	255	321	404	510	652	850
			-28	0	32	70	115	170	236	318	425	567	765
150	67.50	bu	85	115	150	191	239	297	368	457	571	723	935
			0	30	65	106	154	212	283	372	486	637	850

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 Sedbed, RR, Non-Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2013.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	6.00	4.0000	24.00	_____
App by Air (3 gal)	appl	4.75	1.0000	4.75	_____
GIN/DRY					
Dry Corn	bu	0.19	150.0000	28.50	_____
FERTILIZERS					
LA Phosphate	lb	0.65	30.0000	19.50	_____
LA Potash	lb	0.47	60.0000	28.20	_____
LA Nitrogen	lb	0.56	180.0000	100.80	_____
HERBICIDES					
Glyphosate Plus 4L	pt	3.19	2.0000	6.38	_____
2,4-D Amine 4	pt	1.89	1.0000	1.89	_____
Valor WP	oz	4.23	1.0000	4.23	_____
Roundup WeatherMax	oz	0.24	66.0000	15.84	_____
Atrazine 4L	pt	1.56	5.0000	7.80	_____
Select 2EC	oz	1.53	6.0000	9.18	_____
INSECTICIDES					
Karate Z	oz	3.15	2.1300	6.71	_____
Intrepid 2F	oz	1.81	6.0000	10.86	_____
Baythroid 2	oz	2.27	2.1300	4.84	_____
SEED/PLANTS					
Corn Seed RR	thous	3.11	32.0000	99.52	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	45.00	0.3300	14.85	_____
CUSTOM HARVEST/HAUL					
Haul Corn	bu	0.28	150.0000	42.00	_____
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	3.31	5.3318	17.63	_____
Harvesters	gal	3.31	1.6602	5.50	_____
REPAIR & MAINTENANCE					
Implements	Acre	6.82	1.0000	6.82	_____
Tractors	Acre	2.49	1.0000	2.49	_____
Harvesters	Acre	2.26	1.0000	2.26	_____
INTEREST ON OP. CAP.	Acre	10.88	1.0000	10.88	_____
TOTAL DIRECT EXPENSES				484.61	_____
FIXED EXPENSES					
Implements	Acre	10.39	1.0000	10.39	_____
Tractors	Acre	15.78	1.0000	15.78	_____
Harvesters	Acre	9.06	1.0000	9.06	_____
TOTAL FIXED EXPENSES				35.23	_____
TOTAL SPECIFIED EXPENSES				519.84	_____

Table 15.B Estimated resource use and costs for field operations, per Acre
 Corn, Stale Sedbed, RR, Non-Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2013.

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	45.00	14.85	14.85
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	1.53	1.07	0.26	0.53	0.08	0.80				4.19
LA Phosphate	lb											30.0000	0.65	19.50	19.50
LA Potash	lb											60.0000	0.47	28.20	28.20
Disk Harrow	28'	MFWD 225	0.070	1.00	Sep	3.15	2.92	0.81	1.73	0.07	0.67				9.28
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	2.70	1.89	0.28	0.75	0.07	0.71				6.33
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.76	1.24	0.06	0.16	0.04	0.47				3.69
Ditcher		2WD 130	0.020	1.00	Oct	0.49	0.31	0.04	0.05	0.02	0.19				1.08
App by Air (5 gal)	appl			1.00	Feb							1.0000	6.00	6.00	6.00
Glyphosate Plus 4L	pt											2.0000	3.19	6.38	6.38
2,4-D Amine 4	pt											1.0000	1.89	1.89	1.89
Valor WP	oz											1.0000	4.23	4.23	4.23
Ditcher		2WD 130	0.020	1.00	Mar	0.49	0.31	0.04	0.05	0.02	0.19				1.08
Roller	32'	MFWD 170	0.046	1.00	Mar	1.56	1.34	0.13	0.75	0.04	0.45				4.23
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	Mar	2.68	2.31	1.05	2.04	0.16	1.54				9.62
Corn Seed RR	thous											32.0000	3.11	99.52	99.52
LA Nitrogen	lb											30.0000	0.56	16.80	16.80
Ditcher		2WD 130	0.020	1.00	Mar	0.49	0.31	0.04	0.05	0.02	0.19				1.08
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.82	1.98	0.86	0.99	0.11	1.12				7.77
LA Nitrogen	lb											150.0000	0.56	84.00	84.00
App by Air (5 gal)	appl			1.00	Apr							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
Dual 8E	pt											1.0000			
Atrazine 4L	pt											3.0000	1.56	4.68	4.68
Karate Z	oz											2.1300	3.15	6.71	6.71
App by Air (5 gal)	appl			1.00	May							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
Atrazine 4L	pt											2.0000	1.56	3.12	3.12
Intrepid 2F	oz											6.0000	1.81	10.86	10.86
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.75	4.75	4.75
Baythroid 2	oz											2.1300	2.27	4.84	4.84
Header - Corn	6R38"	240hp	0.134	1.00	Aug	7.76	9.06	1.40	2.15	0.13	2.06				22.43
Dry Corn	bu											150.0000	0.19	28.50	28.50
Haul Corn	bu			1.00	Aug							150.0000	0.28	42.00	42.00
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Sep	2.45	2.10	1.85	1.14	0.08	0.79				8.33
App by Air (5 gal)	appl			1.00	Sep							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
Select 2EC	oz											6.0000	1.53	9.18	9.18
TOTALS						27.88	24.84	6.82	10.39	0.87	9.18			429.85	508.96
INTEREST ON OPERATING CAPITAL															10.88
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															519.84

Table 15.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
 Corn, Stale Sedbed, RR, Non-Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2013.

			-----BREAKEVEN PRICE-----										
Corn			2.31	2.44	2.59	2.77	2.98	3.23	3.53	3.91	4.41	5.06	5.98
PERCENT	YIELD	UNIT	-----dollars-----										
50	75.00	bu	-275	-265	-254	-240	-225	-206	-183	-154	-118	-68	0
			-310	-300	-289	-276	-260	-241	-218	-190	-153	-104	-35
60	90.00	bu	-247	-236	-222	-206	-187	-165	-137	-103	-59	0	82
			-283	-271	-257	-241	-223	-200	-172	-138	-94	-35	47
70	105.00	bu	-220	-206	-190	-172	-150	-123	-91	-51	0	68	165
			-255	-241	-225	-207	-185	-159	-127	-86	-35	33	130
80	120.00	bu	-192	-177	-158	-137	-112	-82	-45	0	59	137	247
			-228	-212	-194	-172	-147	-117	-81	-35	23	102	212
90	135.00	bu	-165	-147	-127	-103	-75	-41	0	51	118	206	330
			-200	-182	-162	-138	-110	-76	-35	16	82	171	295
100	150.00	bu	-137	-118	-95	-68	-37	0	45	103	177	275	413
			-172	-153	-130	-104	-72	-35	10	68	141	240	377
110	165.00	bu	-110	-88	-63	-34	0	41	91	154	236	344	495
			-145	-123	-98	-69	-35	6	56	119	200	309	460
120	180.00	bu	-82	-59	-31	0	37	82	137	206	295	413	578
			-117	-94	-67	-35	2	47	102	171	259	377	543
130	195.00	bu	-55	-29	0	34	75	123	183	258	354	481	660
			-90	-64	-35	-0	39	88	148	222	318	446	625
140	210.00	bu	-27	0	31	68	112	165	229	309	413	550	743
			-62	-35	-3	33	77	130	194	274	377	515	708
150	225.00	bu	0	29	63	103	150	206	275	361	472	619	826
			-35	-5	28	68	114	171	240	326	436	584	790

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 Sedbed, RR, Non-Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2013.

			-----BREAKEVEN PRICE-----										
Corn			2.46	2.61	2.77	2.96	3.19	3.46	3.79	4.21	4.74	5.45	6.45
PERCENT	YIELD	UNIT	-----dollars-----										
50	75.00	bu	-263	-252	-240	-226	-209	-188	-164	-132	-92	-39	35
			-298	-288	-275	-261	-244	-224	-199	-168	-128	-74	0
60	90.00	bu	-233	-220	-206	-188	-168	-144	-114	-76	-28	35	124
			-269	-256	-241	-224	-203	-179	-149	-112	-64	0	89
70	105.00	bu	-203	-188	-171	-151	-127	-99	-64	-20	35	109	214
			-239	-224	-206	-186	-163	-134	-99	-56	0	74	179
80	120.00	bu	-173	-156	-137	-114	-87	-54	-14	35	99	184	304
			-209	-192	-172	-149	-122	-89	-49	0	64	149	269
90	135.00	bu	-144	-124	-102	-76	-46	-9	35	91	163	259	393
			-179	-160	-137	-112	-81	-44	0	56	128	224	358
100	150.00	bu	-114	-92	-68	-39	-5	35	85	147	227	334	483
			-149	-128	-103	-74	-40	0	49	112	192	298	448
110	165.00	bu	-84	-60	-33	-2	35	80	134	203	291	408	573
			-119	-96	-68	-37	0	44	99	168	256	373	538
120	180.00	bu	-54	-28	0	35	75	124	184	259	355	483	662
			-89	-64	-34	0	40	89	149	224	320	448	627
130	195.00	bu	-24	3	35	72	116	169	234	315	419	558	752
			-59	-32	0	37	81	134	199	280	384	523	717
140	210.00	bu	5	35	69	109	157	214	284	371	483	633	842
			-29	0	34	74	122	179	249	336	448	597	807
150	225.00	bu	35	67	104	147	198	259	334	427	547	707	931
			0	32	68	112	163	224	298	392	512	672	896

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 Sedbed, RR, Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2013.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	6.00	4.0000	24.00	_____
App by Air (3 gal)	appl	4.75	1.0000	4.75	_____
GIN/DRY					
Dry Corn	bu	0.19	180.0000	34.20	_____
FERTILIZERS					
LA Phosphate	lb	0.65	30.0000	19.50	_____
LA Potash	lb	0.47	60.0000	28.20	_____
LA Nitrogen	lb	0.56	210.0000	117.60	_____
HERBICIDES					
Glyphosate Plus 4L	pt	3.19	2.0000	6.38	_____
2,4-D Amine 4	pt	1.89	1.0000	1.89	_____
Valor WP	oz	4.23	1.0000	4.23	_____
Roundup WeatherMax	oz	0.24	66.0000	15.84	_____
Atrazine 4L	pt	1.56	5.0000	7.80	_____
Select 2EC	oz	1.53	6.0000	9.18	_____
INSECTICIDES					
Karate Z	oz	3.15	2.1300	6.71	_____
Baythroid 2	oz	2.27	2.1300	4.84	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	_____
SEED/PLANTS					
Corn Seed RR	thous	3.11	35.0000	108.85	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	45.00	0.3300	14.85	_____
CUSTOM HARVEST/HAUL					
Haul Corn	bu	0.28	180.0000	50.40	_____
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	3.31	8.2204	27.19	_____
Harvesters	gal	3.31	1.6602	5.50	_____
Roll-Out Pipe Irr.	gal	3.31	8.5535	28.32	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.28	1.0000	7.28	_____
Tractors	Acre	3.66	1.0000	3.66	_____
Harvesters	Acre	2.26	1.0000	2.26	_____
Roll-Out Pipe Irr.	Acre	5.80	1.0000	5.80	_____
INTEREST ON OP. CAP.	Acre	12.41	1.0000	12.41	_____

TOTAL DIRECT EXPENSES				573.11	_____
FIXED EXPENSES					
Implements	Acre	11.59	1.0000	11.59	_____
Tractors	Acre	23.30	1.0000	23.30	_____
Harvesters	Acre	9.06	1.0000	9.06	_____
Roll-Out Pipe Irr.	Acre	48.17	1.0000	48.17	_____

TOTAL FIXED EXPENSES				92.12	_____

TOTAL SPECIFIED EXPENSES				665.23	_____

Table 16.B Estimated resource use and costs for field operations, per Acre
 Corn, Stale Sedbed, RR, Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2013.

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	45.00	14.85	14.85
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	1.53	1.07	0.26	0.53	0.08	0.80				4.19
LA Phosphate	lb											30.0000	0.65	19.50	19.50
LA Potash	lb											60.0000	0.47	28.20	28.20
Disk Harrow	28'	MFWD 225	0.070	1.00	Sep	3.15	2.92	0.81	1.73	0.07	0.67				9.28
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	2.70	1.89	0.28	0.75	0.07	0.71				6.33
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.76	1.24	0.06	0.16	0.04	0.47				3.69
Ditcher		2WD 130	0.020	1.00	Oct	0.49	0.31	0.04	0.05	0.02	0.19				1.08
App by Air (5 gal)	appl			1.00	Feb							1.0000	6.00	6.00	6.00
Glyphosate Plus 4L	pt											2.0000	3.19	6.38	6.38
2,4-D Amine 4	pt											1.0000	1.89	1.89	1.89
Valor WP	oz											1.0000	4.23	4.23	4.23
Ditcher		2WD 130	0.020	1.00	Mar	0.49	0.31	0.04	0.05	0.02	0.19				1.08
Roller	32'	MFWD 170	0.046	1.00	Mar	1.56	1.34	0.13	0.75	0.04	0.45				4.23
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	Mar	2.68	2.31	1.05	2.04	0.16	1.54				9.62
Corn Seed RR	thous											35.0000	3.11	108.85	108.85
LA Nitrogen	lb											30.0000	0.56	16.80	16.80
Ditcher		2WD 130	0.020	1.00	Mar	0.49	0.31	0.04	0.05	0.02	0.19				1.08
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.82	1.98	0.86	0.99	0.11	1.12	180.0000	0.56	100.80	100.80
LA Nitrogen	lb											1.0000	6.00	6.00	6.00
App by Air (5 gal)	appl			1.00	Apr							22.0000	0.24	5.28	5.28
Roundup WeatherMax	oz											1.0000			
Dual 8E	pt											3.0000	1.56	4.68	4.68
Atrazine 4L	pt											2.1300	3.15	6.71	6.71
Karate Z	oz											1.0000	6.00	6.00	6.00
App by Air (5 gal)	appl			1.00	May							22.0000	0.24	5.28	5.28
Roundup WeatherMax	oz											2.0000	1.56	3.12	3.12
Atrazine 4L	pt											1.0000	4.75	4.75	4.75
App by Air (3 gal)	appl			1.00	Jun							2.1300	2.27	4.84	4.84
Baythroid 2	oz														
Header - Corn	6R38"	240hp	0.134	1.00	Aug	7.76	9.06	1.40	2.15	0.13	2.06	180.0000	0.19	34.20	34.20
Dry Corn	bu														0.58
Corn Grain Cart 8R40	700bu	MFWD 190	0.025	0.25	Aug	0.22	0.16	0.05	0.09	0.00	0.06	180.0000	0.28	50.40	50.40
Haul Corn	bu			1.00	Aug										8.33
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Sep	2.45	2.10	1.85	1.14	0.08	0.79				6.00
App by Air (5 gal)	appl			1.00	Sep							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
Select 2EC	oz											6.0000	1.53	9.18	9.18
Roll-Out Pipe Irr.	Acres				Jul	10.51	7.36	34.53	49.28	0.44	4.31	1.0000		7.92	113.91
TOTALS						38.61	32.36	41.40	59.76	1.33	13.55			467.14	652.82
INTEREST ON OPERATING CAPITAL															12.41
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															665.23

Table 16.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
 Corn, Stale Sedbed, RR, Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2013.

			-----BREAKEVEN PRICE-----										
Corn			2.28	2.41	2.55	2.73	2.93	3.18	3.48	3.86	4.34	4.98	5.89
PERCENT	YIELD	UNIT	-----dollars-----										
50	90.00	bu	-324	-313	-299	-284	-265	-243	-216	-182	-139	-81	0
			-417	-405	-392	-376	-357	-335	-308	-274	-231	-173	-92
60	108.00	bu	-292	-278	-262	-243	-221	-194	-162	-121	-69	0	97
			-384	-370	-354	-335	-313	-287	-254	-213	-161	-92	5
70	126.00	bu	-259	-243	-224	-203	-177	-146	-108	-60	0	81	194
			-352	-335	-317	-295	-269	-238	-200	-153	-92	-10	102
80	144.00	bu	-227	-208	-187	-162	-132	-97	-54	0	69	162	292
			-319	-300	-279	-254	-225	-189	-146	-92	-22	70	200
90	162.00	bu	-194	-174	-149	-121	-88	-48	0	60	139	243	389
			-287	-266	-242	-213	-180	-140	-92	-31	47	151	297
100	180.00	bu	-162	-139	-112	-81	-44	0	54	121	208	324	487
			-254	-231	-204	-173	-136	-92	-37	29	116	232	395
110	198.00	bu	-129	-104	-74	-40	0	48	108	182	278	406	584
			-222	-196	-167	-132	-92	-43	16	90	186	313	492
120	216.00	bu	-97	-69	-37	0	44	97	162	243	348	487	682
			-189	-161	-129	-92	-47	5	70	151	255	395	590
130	234.00	bu	-64	-34	0	40	88	146	216	304	417	568	779
			-157	-126	-92	-51	-3	54	124	212	325	476	687
140	252.00	bu	-32	0	37	81	132	194	270	365	487	649	877
			-124	-92	-54	-10	40	102	178	273	395	557	785
150	270.00	bu	0	34	74	121	177	243	324	426	556	730	974
			-92	-57	-17	29	85	151	232	334	464	638	882

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 Sedbed, RR, Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2013.

			-----BREAKEVEN PRICE-----										
Corn			2.62	2.77	2.95	3.15	3.40	3.69	4.05	4.50	5.07	5.84	6.91
PERCENT	YIELD	UNIT	-----dollars-----										
50	90.00	bu	-294	-280	-264	-245	-223	-197	-165	-125	-73	-4	92
			-386	-372	-356	-338	-316	-289	-257	-217	-165	-96	0
60	108.00	bu	-255	-238	-219	-197	-171	-139	-101	-52	9	92	208
			-347	-331	-312	-289	-263	-231	-193	-144	-82	0	115
70	126.00	bu	-216	-197	-175	-149	-118	-81	-36	19	92	188	323
			-309	-289	-267	-241	-210	-173	-128	-72	0	96	231
80	144.00	bu	-178	-156	-130	-101	-65	-23	27	92	174	285	439
			-270	-248	-222	-193	-158	-115	-64	0	82	193	347
90	162.00	bu	-139	-114	-86	-52	-13	34	92	164	257	381	555
			-231	-206	-178	-144	-105	-57	0	72	165	289	463
100	180.00	bu	-101	-73	-41	-4	39	92	156	236	340	478	671
			-193	-165	-133	-96	-52	0	64	144	248	386	579
110	198.00	bu	-62	-32	2	43	92	150	220	309	423	574	787
			-154	-124	-89	-48	0	57	128	217	331	482	695
120	216.00	bu	-23	9	47	92	144	208	285	381	506	671	903
			-115	-82	-44	0	52	115	193	289	413	579	811
130	234.00	bu	14	50	92	140	197	265	349	454	588	768	1019
			-77	-41	0	48	105	173	257	362	496	676	927
140	252.00	bu	53	92	136	188	250	323	414	526	671	864	1135
			-38	0	44	96	158	231	321	434	579	772	1042
150	270.00	bu	92	133	181	236	302	381	478	599	754	961	1251
			0	41	89	144	210	289	386	507	662	869	1158

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 Sedbed, BtRR, Non-Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2013.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	6.00	4.0000	24.00	_____
App by Air (3 gal)	appl	4.75	1.0000	4.75	_____
GIN/DRY					
Dry Corn	bu	0.19	150.0000	28.50	_____
FERTILIZERS					
LA Phosphate	lb	0.65	30.0000	19.50	_____
LA Potash	lb	0.47	60.0000	28.20	_____
LA Nitrogen	lb	0.56	180.0000	100.80	_____
HERBICIDES					
Glyphosate Plus 4L	pt	3.19	2.0000	6.38	_____
2,4-D Amine 4	pt	1.89	1.0000	1.89	_____
Valor WP	oz	4.23	1.0000	4.23	_____
Roundup WeatherMax	oz	0.24	66.0000	15.84	_____
Atrazine 4L	pt	1.56	5.0000	7.80	_____
Select 2EC	oz	1.53	6.0000	9.18	_____
INSECTICIDES					
Baythroid 2	oz	2.27	2.1300	4.84	_____
SEED/PLANTS					
Corn Seed BtRR	thous	3.34	32.0000	106.88	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	45.00	0.3300	14.85	_____
CUSTOM HARVEST/HAUL					
Haul Corn	bu	0.28	150.0000	42.00	_____
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	3.31	5.3318	17.63	_____
Harvesters	gal	3.31	1.6602	5.50	_____
REPAIR & MAINTENANCE					
Implements	Acre	6.82	1.0000	6.82	_____
Tractors	Acre	2.49	1.0000	2.49	_____
Harvesters	Acre	2.26	1.0000	2.26	_____
INTEREST ON OP. CAP.	Acre	10.66	1.0000	10.66	_____
TOTAL DIRECT EXPENSES				474.18	_____
FIXED EXPENSES					
Implements	Acre	10.39	1.0000	10.39	_____
Tractors	Acre	15.78	1.0000	15.78	_____
Harvesters	Acre	9.06	1.0000	9.06	_____
TOTAL FIXED EXPENSES				35.23	_____
TOTAL SPECIFIED EXPENSES				509.41	_____

Table 17.B Estimated resource use and costs for field operations, per Acre
 Corn, Stale Sedbed, BtRR, Non-Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2013.

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	45.00	14.85	14.85
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	1.53	1.07	0.26	0.53	0.08	0.80				4.19
LA Phosphate	lb											30.0000	0.65	19.50	19.50
LA Potash	lb											60.0000	0.47	28.20	28.20
Disk Harrow	28'	MFWD 225	0.070	1.00	Sep	3.15	2.92	0.81	1.73	0.07	0.67				9.28
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	2.70	1.89	0.28	0.75	0.07	0.71				6.33
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.76	1.24	0.06	0.16	0.04	0.47				3.69
Ditcher		2WD 130	0.020	1.00	Oct	0.49	0.31	0.04	0.05	0.02	0.19				1.08
App by Air (5 gal)	appl			1.00	Feb							1.0000	6.00	6.00	6.00
Glyphosate Plus 4L	pt											2.0000	3.19	6.38	6.38
2,4-D Amine 4	pt											1.0000	1.89	1.89	1.89
Valor WP	oz											1.0000	4.23	4.23	4.23
Ditcher		2WD 130	0.020	1.00	Mar	0.49	0.31	0.04	0.05	0.02	0.19				1.08
Roller	32'	MFWD 170	0.046	1.00	Mar	1.56	1.34	0.13	0.75	0.04	0.45				4.23
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	Mar	2.68	2.31	1.05	2.04	0.16	1.54				9.62
Corn Seed BtRR	thous											32.0000	3.34	106.88	106.88
LA Nitrogen	lb											30.0000	0.56	16.80	16.80
Ditcher		2WD 130	0.020	1.00	Mar	0.49	0.31	0.04	0.05	0.02	0.19				1.08
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.82	1.98	0.86	0.99	0.11	1.12	150.0000	0.56	84.00	84.00
LA Nitrogen	lb											1.0000	6.00	6.00	6.00
App by Air (5 gal)	appl			1.00	Apr							22.0000	0.24	5.28	5.28
Roundup WeatherMax	oz											1.0000			
Dual 8E	pt											3.0000	1.56	4.68	4.68
Atrazine 4L	pt											1.0000	6.00	6.00	6.00
App by Air (5 gal)	appl			1.00	May							22.0000	0.24	5.28	5.28
Roundup WeatherMax	oz											2.0000	1.56	3.12	3.12
Atrazine 4L	pt											1.0000	4.75	4.75	4.75
App by Air (3 gal)	appl			1.00	Jun							2.1300	2.27	4.84	4.84
Baythroid 2	oz											2.1300	2.27	4.84	4.84
Header - Corn	6R38"	240hp	0.134	1.00	Aug	7.76	9.06	1.40	2.15	0.13	2.06				22.43
Dry Corn	bu											150.0000	0.19	28.50	28.50
Haul Corn	bu			1.00	Aug							150.0000	0.28	42.00	42.00
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Sep	2.45	2.10	1.85	1.14	0.08	0.79				8.33
App by Air (5 gal)	appl			1.00	Sep							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
Select 2EC	oz											6.0000	1.53	9.18	9.18
TOTALS						27.88	24.84	6.82	10.39	0.87	9.18			419.64	498.75
INTEREST ON OPERATING CAPITAL															10.66
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															509.41

Table 17.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
 Corn, Stale Sedbed, BtRR, Non-Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2013.

			-----BREAKEVEN PRICE-----										
Corn			2.26	2.39	2.54	2.71	2.91	3.16	3.45	3.83	4.31	4.95	5.84
PERCENT	YIELD	UNIT	-----dollars-----										
50	75.00	bu	-268	-258	-247	-234	-219	-201	-178	-151	-115	-67	0
			-303	-294	-283	-270	-254	-236	-214	-186	-150	-102	-35
60	90.00	bu	-241	-230	-216	-201	-183	-161	-134	-100	-57	0	80
			-276	-265	-252	-236	-218	-196	-169	-135	-92	-35	45
70	105.00	bu	-214	-201	-185	-167	-146	-120	-89	-50	0	67	161
			-249	-236	-221	-203	-181	-156	-124	-85	-35	31	125
80	120.00	bu	-187	-172	-154	-134	-109	-80	-44	0	57	134	241
			-223	-207	-190	-169	-145	-115	-79	-35	22	98	206
90	135.00	bu	-161	-143	-123	-100	-73	-40	0	50	115	201	322
			-196	-179	-159	-135	-108	-75	-35	15	79	166	286
100	150.00	bu	-134	-115	-92	-67	-36	0	44	100	172	268	402
			-169	-150	-128	-102	-71	-35	9	65	137	233	367
110	165.00	bu	-107	-86	-61	-33	0	40	89	151	230	335	483
			-142	-121	-97	-68	-35	5	54	115	194	300	447
120	180.00	bu	-80	-57	-30	0	36	80	134	201	287	402	563
			-115	-92	-66	-35	1	45	98	166	252	367	528
130	195.00	bu	-53	-28	0	33	73	120	178	251	345	469	644
			-88	-63	-35	-1	37	85	143	216	309	434	609
140	210.00	bu	-26	0	30	67	109	161	223	302	402	536	724
			-62	-35	-4	31	74	125	188	266	367	501	689
150	225.00	bu	0	28	61	100	146	201	268	352	460	604	805
			-35	-6	26	65	111	166	233	317	424	568	770

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 Sedbed, BtRR, Non-Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2013.

			-----BREAKEVEN PRICE-----										
Corn			2.42	2.56	2.72	2.90	3.13	3.39	3.72	4.12	4.64	5.34	6.31
PERCENT	YIELD	UNIT	-----dollars-----										
50	75.00	bu	-256	-246	-234	-220	-203	-183	-159	-128	-89	-37	35
			-291	-281	-269	-255	-238	-218	-194	-164	-125	-72	0
60	90.00	bu	-227	-215	-200	-183	-163	-139	-110	-74	-27	35	122
			-262	-250	-235	-218	-199	-175	-145	-109	-62	0	87
70	105.00	bu	-198	-183	-166	-147	-124	-96	-62	-19	35	108	210
			-233	-218	-202	-182	-159	-131	-97	-54	0	72	175
80	120.00	bu	-169	-152	-133	-110	-84	-52	-13	35	97	181	297
			-204	-187	-168	-145	-119	-87	-48	0	62	145	262
90	135.00	bu	-139	-121	-99	-74	-44	-8	35	89	160	254	385
			-175	-156	-134	-109	-79	-43	0	54	125	218	350
100	150.00	bu	-110	-89	-65	-37	-4	35	83	144	222	327	473
			-145	-125	-101	-72	-39	0	48	109	187	291	437
110	165.00	bu	-81	-58	-32	-1	35	79	132	199	285	400	560
			-116	-93	-67	-36	0	43	97	164	250	364	525
120	180.00	bu	-52	-27	1	35	75	122	181	254	348	473	648
			-87	-62	-33	0	39	87	145	218	312	437	613
130	195.00	bu	-23	3	35	71	114	166	229	308	410	546	735
			-58	-31	0	36	79	131	194	273	375	510	700
140	210.00	bu	6	35	68	108	154	210	278	363	473	619	823
			-29	0	33	72	119	175	243	328	437	583	788
150	225.00	bu	35	66	102	144	194	254	327	418	535	692	911
			0	31	67	109	159	218	291	383	500	656	875

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 Sedbed, BtRR, Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2013.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	6.00	4.0000	24.00	_____
App by Air (3 gal)	appl	4.75	1.0000	4.75	_____
GIN/DRY					
Dry Corn	bu	0.19	180.0000	34.20	_____
FERTILIZERS					
LA Phosphate	lb	0.65	30.0000	19.50	_____
LA Potash	lb	0.47	60.0000	28.20	_____
LA Nitrogen	lb	0.56	210.0000	117.60	_____
HERBICIDES					
Glyphosate Plus 4L	pt	3.19	2.0000	6.38	_____
2,4-D Amine 4	pt	1.89	1.0000	1.89	_____
Valor WP	oz	4.23	1.0000	4.23	_____
Roundup WeatherMax	oz	0.24	66.0000	15.84	_____
Atrazine 4L	pt	1.56	5.0000	7.80	_____
Select 2EC	oz	1.53	6.0000	9.18	_____
INSECTICIDES					
Baythroid 2	oz	2.27	2.1300	4.84	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	_____
SEED/PLANTS					
Corn Seed BtRR	thous	3.34	35.0000	116.90	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	45.00	0.3300	14.85	_____
CUSTOM HARVEST/HAUL					
Haul Corn	bu	0.28	180.0000	50.40	_____
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	3.31	8.1593	26.99	_____
Harvesters	gal	3.31	1.6602	5.50	_____
Roll-Out Pipe Irr.	gal	3.31	8.5535	28.32	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.23	1.0000	7.23	_____
Tractors	Acre	3.64	1.0000	3.64	_____
Harvesters	Acre	2.26	1.0000	2.26	_____
Roll-Out Pipe Irr.	Acre	5.80	1.0000	5.80	_____
INTEREST ON OP. CAP.	Acre	12.48	1.0000	12.48	_____
TOTAL DIRECT EXPENSES				574.19	_____
FIXED EXPENSES					
Implements	Acre	11.50	1.0000	11.50	_____
Tractors	Acre	23.14	1.0000	23.14	_____
Harvesters	Acre	9.06	1.0000	9.06	_____
Roll-Out Pipe Irr.	Acre	48.17	1.0000	48.17	_____
TOTAL FIXED EXPENSES				91.87	_____
TOTAL SPECIFIED EXPENSES				666.06	_____

Table 18.B Estimated resource use and costs for field operations, per Acre
 Corn, Stale Sedbed, BtRR, Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2013.

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	45.00	14.85	14.85
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	1.53	1.07	0.26	0.53	0.08	0.80				4.19
LA Phosphate	lb											30.0000	0.65	19.50	19.50
LA Potash	lb											60.0000	0.47	28.20	28.20
Disk Harrow	28'	MFWD 225	0.070	1.00	Sep	3.15	2.92	0.81	1.73	0.07	0.67				9.28
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	2.70	1.89	0.28	0.75	0.07	0.71				6.33
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.76	1.24	0.06	0.16	0.04	0.47				3.69
Ditcher		2WD 130	0.020	1.00	Oct	0.49	0.31	0.04	0.05	0.02	0.19				1.08
App by Air (5 gal)	appl			1.00	Feb							1.0000	6.00	6.00	6.00
Glyphosate Plus 4L	pt											2.0000	3.19	6.38	6.38
2,4-D Amine 4	pt											1.0000	1.89	1.89	1.89
Valor WP	oz											1.0000	4.23	4.23	4.23
Ditcher		2WD 130	0.020	1.00	Mar	0.49	0.31	0.04	0.05	0.02	0.19				1.08
Roller	32'	MFWD 170	0.046	1.00	Mar	1.56	1.34	0.13	0.75	0.04	0.45				4.23
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	Mar	2.68	2.31	1.05	2.04	0.16	1.54				9.62
Corn Seed BtRR	thous											35.0000	3.34	116.90	116.90
LA Nitrogen	lb											30.0000	0.56	16.80	16.80
Ditcher		2WD 130	0.020	1.00	Mar	0.49	0.31	0.04	0.05	0.02	0.19				1.08
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.82	1.98	0.86	0.99	0.11	1.12				7.77
LA Nitrogen	lb											180.0000	0.56	100.80	100.80
App by Air (5 gal)	appl			1.00	Apr							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
Dual 8E	pt											1.0000			
Atrazine 4L	pt											3.0000	1.56	4.68	4.68
App by Air (5 gal)	appl			1.00	May							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
Atrazine 4L	pt											2.0000	1.56	3.12	3.12
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.75	4.75	4.75
Baythroid 2	oz											2.1300	2.27	4.84	4.84
Header - Corn	6R38"	240hp	0.134	1.00	Aug	7.76	9.06	1.40	2.15	0.13	2.06				22.43
Dry Corn	bu											180.0000	0.19	34.20	34.20
Haul Corn	bu			1.00	Aug							180.0000	0.28	50.40	50.40
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Sep	2.45	2.10	1.85	1.14	0.08	0.79				8.33
App by Air (5 gal)	appl			1.00	Sep							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
Select 2EC	oz											6.0000	1.53	9.18	9.18
Roll-Out Pipe Irr.	Acre				Jul	10.51	7.36	34.53	49.28	0.44	4.31	1.0000		7.92	113.91
TOTALS						38.39	32.20	41.35	59.67	1.32	13.49			468.48	653.58
INTEREST ON OPERATING CAPITAL															12.48
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															666.06

Table 18.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
 Corn, Stale Sedbed, BtRR, Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2013.

			-----BREAKEVEN PRICE-----										
Corn			2.28	2.41	2.56	2.73	2.94	3.18	3.49	3.86	4.35	4.99	5.90
PERCENT	YIELD	UNIT	-----dollars-----										
50	90.00	bu	-325	-313	-300	-284	-266	-244	-217	-183	-139	-81	0
			-417	-405	-392	-376	-358	-336	-308	-275	-231	-173	-91
60	108.00	bu	-293	-279	-262	-244	-222	-195	-162	-122	-69	0	97
			-384	-370	-354	-336	-313	-287	-254	-213	-161	-91	5
70	126.00	bu	-260	-244	-225	-203	-177	-146	-108	-61	0	81	195
			-352	-336	-317	-295	-269	-238	-200	-152	-91	-10	103
80	144.00	bu	-227	-209	-187	-162	-133	-97	-54	0	69	162	293
			-319	-301	-279	-254	-225	-189	-146	-91	-22	70	201
90	162.00	bu	-195	-174	-150	-122	-88	-48	0	61	139	244	390
			-287	-266	-242	-213	-180	-140	-91	-30	47	152	298
100	180.00	bu	-162	-139	-112	-81	-44	0	54	122	209	325	488
			-254	-231	-204	-173	-136	-91	-37	30	117	233	396
110	198.00	bu	-130	-104	-75	-40	0	48	108	183	279	407	586
			-222	-196	-167	-132	-91	-43	16	91	187	315	494
120	216.00	bu	-97	-69	-37	0	44	97	162	244	348	488	683
			-189	-161	-129	-91	-47	5	70	152	256	396	591
130	234.00	bu	-65	-34	0	40	88	146	217	305	418	569	781
			-156	-126	-91	-51	-3	54	125	213	326	477	689
140	252.00	bu	-32	0	37	81	133	195	271	366	488	651	879
			-124	-91	-54	-10	41	103	179	274	396	559	787
150	270.00	bu	0	34	75	122	177	244	325	427	558	732	976
			-91	-56	-16	30	85	152	233	335	466	640	884

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 Sedbed, BtRR, Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2013.

			-----BREAKEVEN PRICE-----										
Corn			2.62	2.77	2.95	3.16	3.40	3.70	4.05	4.50	5.08	5.84	6.92
PERCENT	YIELD	UNIT	-----dollars-----										
50	90.00	bu	-294	-281	-265	-246	-224	-198	-166	-125	-73	-4	91
			-386	-373	-357	-338	-316	-290	-257	-217	-165	-96	0
60	108.00	bu	-256	-239	-220	-198	-171	-140	-101	-53	8	91	207
			-348	-331	-312	-290	-263	-232	-193	-145	-82	0	116
70	126.00	bu	-217	-198	-175	-149	-119	-82	-37	19	91	188	323
			-309	-290	-267	-241	-211	-174	-128	-72	0	96	232
80	144.00	bu	-178	-156	-131	-101	-66	-24	27	91	174	285	440
			-270	-248	-223	-193	-158	-116	-64	0	82	193	348
90	162.00	bu	-140	-115	-86	-53	-13	33	91	164	257	382	556
			-232	-207	-178	-145	-105	-58	0	72	165	290	464
100	180.00	bu	-101	-73	-42	-4	39	91	156	236	340	478	672
			-193	-165	-133	-96	-52	0	64	145	248	386	580
110	198.00	bu	-62	-32	2	43	91	149	220	309	423	575	788
			-154	-124	-89	-48	0	58	128	217	331	483	696
120	216.00	bu	-24	8	47	91	144	207	285	382	506	672	904
			-116	-82	-44	0	52	116	193	290	414	580	812
130	234.00	bu	14	50	91	140	197	265	349	454	589	768	1020
			-77	-41	0	48	105	174	257	362	497	676	928
140	252.00	bu	53	91	136	188	250	323	414	527	672	865	1136
			-38	0	44	96	158	232	322	435	580	773	1044
150	270.00	bu	91	133	181	236	302	382	478	599	755	962	1252
			0	41	89	145	211	290	386	507	663	870	1160

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, 2013.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	6.00	1.5000	9.00	_____
App by Air (3 gal)	appl	4.75	2.0000	9.50	_____
FERTILIZERS					
LA Nitrogen	lb	0.56	110.0000	61.60	_____
LA Phosphate	lb	0.65	40.0000	26.00	_____
LA Potash	lb	0.47	40.0000	18.80	_____
FUNGICIDES					
Cruiser 5FS	oz	17.38	1.2800	22.25	_____
HERBICIDES					
Roundup WeatherMax	oz	0.24	55.0000	13.20	_____
2,4-D Amine 4	pt	1.89	2.0000	3.78	_____
Atrazine 4L	pt	1.56	4.0000	6.24	_____
Dual II Magnum	pt	14.43	1.0000	14.43	_____
INSECTICIDES					
Karate Z	oz	3.15	4.2600	13.42	_____
Lannate LV	pt	9.87	1.5000	14.81	_____
SEED/PLANTS					
Sorghum Concept	lb	2.03	6.0000	12.18	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	45.00	0.3300	14.85	_____
CUSTOM HARVEST/HAUL					
Haul Sorghum	bu	0.28	100.0000	28.00	_____
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	3.31	3.4993	11.57	_____
Harvesters	gal	3.31	1.2047	3.99	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.86	1.0000	4.86	_____
Tractors	Acre	1.62	1.0000	1.62	_____
Harvesters	Acre	2.30	1.0000	2.30	_____
INTEREST ON OP. CAP.	Acre	7.05	1.0000	7.05	_____
TOTAL DIRECT EXPENSES				305.74	_____
FIXED EXPENSES					
Implements	Acre	6.70	1.0000	6.70	_____
Tractors	Acre	10.24	1.0000	10.24	_____
Harvesters	Acre	9.20	1.0000	9.20	_____
TOTAL FIXED EXPENSES				26.14	_____
TOTAL SPECIFIED EXPENSES				331.88	_____

Table 19.B Estimated resource use and costs for field operations, per Acre
 Grain Sorghum, 8-Row Equipment (38" Rows),
 Louisiana, 2013.

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	45.00	14.85	14.85
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	2.70	1.89	0.28	0.75	0.07	0.71				6.33
Roller	32'	MFWD 170	0.046	1.00	Oct	1.56	1.34	0.13	0.75	0.04	0.45				4.23
Ditcher		2WD 130	0.020	1.00	Oct	0.49	0.31	0.04	0.05	0.02	0.19				1.08
App by Air (5 gal)	appl			1.00	Mar							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
2,4-D Amine 4	pt											2.0000	1.89	3.78	3.78
Ditcher		2WD 130	0.020	1.00	Apr	0.49	0.31	0.04	0.05	0.02	0.19				1.08
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	Apr	2.68	2.31	1.05	2.04	0.16	1.54				9.62
Sorghum Concept	lb											6.0000	2.03	12.18	12.18
Cruiser 5FS	oz											1.2800	17.38	22.25	22.25
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.82	1.98	0.86	0.99	0.11	1.12				7.77
LA Nitrogen	lb											110.0000	0.56	61.60	61.60
LA Phosphate	lb											40.0000	0.65	26.00	26.00
LA Potash	lb											40.0000	0.47	18.80	18.80
Atrazine 4L	pt			1.00	Apr							4.0000	1.56	6.24	6.24
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
Dual II Magnum	pt											1.0000	14.43	14.43	14.43
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.75	4.75	4.75
Karate Z	oz											2.1300	3.15	6.71	6.71
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Karate Z	oz											2.1300	3.15	6.71	6.71
Lannate LV	pt											1.5000	9.87	14.81	14.81
App by Air (5 gal)	appl			0.50	Aug							0.5000	6.00	3.00	3.00
Roundup WeatherMax	oz											11.0000	0.24	2.64	2.64
Header Wheat/Sorghum	30' Rigid	275hp	0.085	1.00	Aug	6.29	9.20	0.61	0.93	0.08	1.30				18.33
Haul Sorghum	bu			1.00	Aug							100.0000	0.28	28.00	28.00
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Sep	2.45	2.10	1.85	1.14	0.08	0.79				8.33
TOTALS						19.48	19.44	4.86	6.70	0.60	6.29			268.06	324.83
INTEREST ON OPERATING CAPITAL															7.05
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															331.88

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, 2013.

			-----BREAKEVEN PRICE-----										
Grain Sorghum			2.13	2.26	2.41	2.59	2.80	3.05	3.36	3.75	4.24	4.90	5.83
PERCENT	YIELD	UNIT	-----dollars-----										
50	50.00	bu	-184	-178	-170	-161	-151	-138	-123	-104	-79	-46	0
			-211	-204	-196	-187	-177	-164	-149	-130	-105	-72	-26
60	60.00	bu	-166	-158	-149	-138	-126	-110	-92	-69	-39	0	55
			-192	-184	-175	-164	-152	-137	-118	-95	-65	-26	29
70	70.00	bu	-147	-138	-128	-115	-100	-83	-61	-34	0	46	110
			-174	-164	-154	-141	-126	-109	-87	-60	-26	20	84
80	80.00	bu	-129	-118	-106	-92	-75	-55	-30	0	39	92	166
			-155	-145	-132	-118	-101	-81	-56	-26	13	66	140
90	90.00	bu	-110	-99	-85	-69	-50	-27	0	34	79	138	221
			-137	-125	-111	-95	-76	-53	-26	8	53	112	195
100	100.00	bu	-92	-79	-64	-46	-25	0	30	69	118	184	277
			-118	-105	-90	-72	-51	-26	4	43	92	158	251
110	110.00	bu	-73	-59	-42	-23	0	27	61	104	158	231	332
			-100	-85	-68	-49	-26	1	35	77	132	204	306
120	120.00	bu	-55	-39	-21	0	25	55	92	138	198	277	388
			-81	-65	-47	-26	-0	29	66	112	171	251	362
130	130.00	bu	-36	-19	0	23	50	83	123	173	237	323	443
			-63	-45	-26	-3	24	57	97	147	211	297	417
140	140.00	bu	-18	0	21	46	75	110	154	208	277	369	499
			-44	-26	-4	20	49	84	127	181	251	343	473
150	150.00	bu	0	19	42	69	100	138	184	242	316	416	554
			-26	-6	16	43	74	112	158	216	290	389	528

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, 2013.

			-----BREAKEVEN PRICE-----										
Grain Sorghum			2.30	2.45	2.61	2.81	3.04	3.31	3.65	4.07	4.61	5.34	6.35
PERCENT	YIELD	UNIT	-----dollars-----										
50	50.00	bu	-176	-168	-160	-150	-139	-125	-108	-87	-60	-24	26
			-202	-195	-186	-177	-165	-151	-134	-113	-86	-50	0
60	60.00	bu	-155	-147	-137	-125	-111	-95	-75	-49	-17	26	86
			-182	-173	-163	-151	-137	-121	-101	-75	-43	0	60
70	70.00	bu	-135	-125	-113	-100	-84	-64	-41	-11	26	76	147
			-161	-151	-140	-126	-110	-91	-67	-37	0	50	121
80	80.00	bu	-115	-103	-90	-75	-56	-34	-7	26	69	127	208
			-141	-130	-116	-101	-82	-60	-33	0	43	101	182
90	90.00	bu	-95	-82	-67	-49	-29	-4	26	64	112	177	268
			-121	-108	-93	-75	-55	-30	0	37	86	151	242
100	100.00	bu	-75	-60	-43	-24	-1	26	59	102	156	228	329
			-101	-86	-70	-50	-27	0	33	75	130	202	303
110	110.00	bu	-54	-38	-20	0	26	56	93	139	199	279	390
			-80	-65	-46	-25	0	30	67	113	173	252	364
120	120.00	bu	-34	-17	2	26	53	86	127	177	242	329	451
			-60	-43	-23	0	27	60	101	151	216	303	424
130	130.00	bu	-14	4	26	51	81	117	161	215	286	380	511
			-40	-21	0	25	55	91	134	189	260	354	485
140	140.00	bu	5	26	49	76	108	147	194	253	329	430	572
			-20	0	23	50	82	121	168	227	303	404	546
150	150.00	bu	26	47	72	102	136	177	228	291	372	481	633
			0	21	46	75	110	151	202	265	346	455	606

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, 2013.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	6.00	1.0000	6.00	_____
App by Air (3 gal)	appl	4.75	2.0000	9.50	_____
FERTILIZERS					
LA Phosphate	lb	0.65	40.0000	26.00	_____
LA Potash	lb	0.47	40.0000	18.80	_____
LA Nitrogen	lb	0.56	90.0000	50.40	_____
HERBICIDES					
Harmony Extra	oz	13.27	0.4500	5.97	_____
INSECTICIDES					
Mustang Max	oz	1.58	4.0000	6.32	_____
Karate Z	oz	3.15	2.1300	6.71	_____
SEED/PLANTS					
Wheat Seed Private	lb	0.37	90.0000	33.30	_____
Cotton Seed BGII/RRF	thous	0.61	0.4000	0.24	_____
ADJUVANTS					
Surfactant	pt	3.50	0.2000	0.70	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	45.00	0.3300	14.85	_____
App Fert by Air(Min)	appl	6.50	1.0000	6.50	_____
CUSTOM HARVEST/HAUL					
Haul Wheat	bu	0.28	60.0000	16.80	_____
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	3.31	2.9104	9.62	_____
Harvesters	gal	3.31	1.2047	3.99	_____
REPAIR & MAINTENANCE					
Implements	Acre	3.60	1.0000	3.60	_____
Tractors	Acre	1.43	1.0000	1.43	_____
Harvesters	Acre	2.30	1.0000	2.30	_____
INTEREST ON OP. CAP.	Acre	3.86	1.0000	3.86	_____
TOTAL DIRECT EXPENSES				231.90	_____
FIXED EXPENSES					
Implements	Acre	7.34	1.0000	7.34	_____
Tractors	Acre	9.12	1.0000	9.12	_____
Harvesters	Acre	9.20	1.0000	9.20	_____
TOTAL FIXED EXPENSES				25.66	_____
TOTAL SPECIFIED EXPENSES				257.56	_____

Table 20.B Estimated resource use and costs for field operations, per Acre
Wheat, 8-Row Equipment, Drill Plant,
Alluvial Soil, Louisiana, 2013.

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	1.53	1.07	0.26	0.53	0.08	0.80				4.19
LA Phosphate	lb											40.0000	0.65	26.00	26.00
LA Potash	lb											40.0000	0.47	18.80	18.80
Lime (Spread)	ton			0.33	Oct							0.3300	45.00	14.85	14.85
Disk Harrow	28'	MFWD 225	0.070	1.00	Oct	3.15	2.92	0.81	1.73	0.07	0.67				9.28
Row Cond (Plant)	27'	MFWD 190	0.078	1.00	Oct	2.85	2.00	0.19	0.80	0.07	0.75				6.59
Ditcher		2WD 130	0.020	1.00	Oct	0.49	0.31	0.04	0.05	0.02	0.19				1.08
Grain Drill & Pre	30'	MFWD 225	0.067	1.00	Dec	3.03	2.82	1.69	3.30	0.13	1.30				12.14
Wheat Seed Private	lb											90.0000	0.37	33.30	33.30
Cotton Seed BGII/RRF	thous											0.4000	0.61	0.24	0.24
App by Air (5 gal)	appl			1.00	Dec							1.0000	6.00	6.00	6.00
Harmony Extra	oz											0.4500	13.27	5.97	5.97
Surfactant	pt											0.2000	3.50	0.70	0.70
App Fert by Air(Min)	appl			1.00	Feb							1.0000	6.50	6.50	6.50
LA Nitrogen	lb											90.0000	0.56	50.40	50.40
App by Air (3 gal)	appl			1.00	Feb							1.0000	4.75	4.75	4.75
Mustang Max	oz											4.0000	1.58	6.32	6.32
App by Air (3 gal)	appl			1.00	Apr							1.0000	4.75	4.75	4.75
Karate Z	oz											2.1300	3.15	6.71	6.71
Header Wheat/Sorghum	30' Rigid	275hp	0.085	1.00	May	6.29	9.20	0.61	0.93	0.08	1.30				18.33
Haul Wheat	bu			1.00	May							60.0000	0.28	16.80	16.80
TOTALS						17.34	18.32	3.60	7.34	0.47	5.01			202.09	253.70
INTEREST ON OPERATING CAPITAL															3.86
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															257.56

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, 2013.

			-----BREAKEVEN PRICE-----										
LA Wheat			2.67	2.84	3.03	3.26	3.53	3.86	4.26	4.75	5.39	6.25	7.44
PERCENT	YIELD	UNIT	-----dollars-----										
50	30.00	bu	-143	-138	-132	-125	-117	-107	-95	-80	-61	-35	0
			-168	-163	-157	-150	-142	-133	-121	-106	-86	-61	-25
60	36.00	bu	-128	-122	-115	-107	-97	-85	-71	-53	-30	0	42
			-154	-148	-141	-133	-123	-111	-97	-79	-56	-25	17
70	42.00	bu	-114	-107	-99	-89	-78	-64	-47	-26	0	35	85
			-140	-133	-124	-115	-103	-90	-73	-52	-25	10	60
80	48.00	bu	-100	-92	-82	-71	-58	-42	-23	0	30	71	128
			-125	-117	-108	-97	-84	-68	-49	-25	5	45	103
90	54.00	bu	-85	-76	-66	-53	-39	-21	0	26	61	107	171
			-111	-102	-91	-79	-64	-47	-25	1	35	81	146
100	60.00	bu	-71	-61	-49	-35	-19	0	23	53	92	143	214
			-97	-86	-75	-61	-45	-25	-1	28	66	117	189
110	66.00	bu	-57	-46	-33	-17	0	21	47	80	122	178	257
			-82	-71	-58	-43	-25	-4	22	54	97	153	231
120	72.00	bu	-42	-30	-16	0	19	42	71	107	153	214	300
			-68	-56	-42	-25	-6	17	45	81	127	189	274
130	78.00	bu	-28	-15	0	17	39	64	95	134	184	250	343
			-54	-40	-25	-7	13	38	69	108	158	224	317
140	84.00	bu	-14	0	16	35	58	85	119	161	214	286	386
			-39	-25	-9	10	32	60	93	135	189	260	360
150	90.00	bu	0	15	33	53	78	107	143	187	245	322	429
			-25	-10	7	28	52	81	117	162	219	296	403

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, 2013.

			-----BREAKEVEN PRICE-----										
LA Wheat			2.95	3.14	3.36	3.62	3.92	4.29	4.73	5.29	6.00	6.96	8.29
PERCENT	YIELD	UNIT	-----dollars-----										
50	30.00	bu	-134	-128	-122	-114	-105	-94	-81	-64	-43	-14	25
			-160	-154	-147	-140	-131	-120	-106	-90	-68	-40	0
60	36.00	bu	-118	-111	-103	-94	-83	-70	-54	-34	-8	25	73
			-144	-137	-129	-120	-109	-96	-80	-60	-34	0	48
70	42.00	bu	-102	-94	-85	-74	-61	-46	-27	-4	25	65	121
			-128	-120	-110	-100	-87	-72	-53	-30	0	40	96
80	48.00	bu	-86	-77	-66	-54	-39	-22	-1	25	59	105	169
			-112	-103	-92	-80	-65	-48	-26	0	34	80	144
90	54.00	bu	-70	-60	-48	-34	-18	1	25	55	94	145	217
			-96	-85	-73	-60	-43	-24	0	30	68	120	192
100	60.00	bu	-54	-43	-29	-14	3	25	52	85	128	185	266
			-80	-68	-55	-40	-21	0	26	60	103	160	240
110	66.00	bu	-38	-25	-11	5	25	49	79	115	162	225	314
			-64	-51	-36	-20	0	24	53	90	137	200	288
120	72.00	bu	-22	-8	7	25	47	73	105	145	197	266	362
			-48	-34	-18	0	21	48	80	120	171	240	336
130	78.00	bu	-6	8	25	45	69	97	132	175	231	306	410
			-32	-17	0	20	43	72	106	150	206	280	384
140	84.00	bu	9	25	44	65	91	121	159	205	266	346	458
			-16	0	18	40	65	96	133	180	240	320	432
150	90.00	bu	25	42	62	85	113	145	185	235	300	386	506
			0	17	36	60	87	120	160	210	274	360	480

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, 2013.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	6.00	5.0000	30.00	_____
App by Air (3 gal)	appl	4.75	5.0000	23.75	_____
FERTILIZERS					
LA Phosphate	lb	0.65	50.0000	32.50	_____
LA Potash	lb	0.47	50.0000	23.50	_____
LA Nitrogen	lb	0.56	80.0000	44.80	_____
FUNGICIDES					
Quadris	oz	2.47	6.0000	14.82	_____
Stratego	pt	21.97	0.6300	13.84	_____
HERBICIDES					
Sencor DF	lb	14.85	0.1900	2.82	_____
Roundup WeatherMax	oz	0.24	66.0000	15.84	_____
Valor WP	oz	4.23	2.0000	8.46	_____
Dual II Magnum	pt	14.43	1.0000	14.43	_____
Flexstar HL	pt	16.78	1.0000	16.78	_____
INSECTICIDES					
Karate Z	oz	3.15	2.1300	6.71	_____
Orthene 90S	lb	6.50	1.7500	11.38	_____
Intrepid 2F	oz	1.81	6.0000	10.86	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	_____
SEED/PLANTS					
Wheat Seed Private	lb	0.37	90.0000	33.30	_____
Cotton Seed BGII/RRF	thous	0.61	0.4000	0.24	_____
Soybean Seed RR	lb	1.04	50.0000	52.00	_____
Corn Seed VT3Pro	thous	3.12	12.0000	37.44	_____
Cotton Seed Liberty	thous	1.05	16.0000	16.80	_____
ADJUVANTS					
Surfactant	pt	3.50	2.5000	8.75	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	45.00	0.3300	14.85	_____
App Fert by Air(Min)	appl	6.50	1.0000	6.50	_____
CUSTOM HARVEST/HAUL					
Haul Wheat	bu	0.28	50.0000	14.00	_____
Haul Soybeans	bu	0.28	45.0000	12.60	_____
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	3.31	8.1334	26.91	_____
Harvesters	gal	3.31	2.4094	7.98	_____
Roll-Out Pipe Irr.	gal	3.31	4.8877	16.20	_____
REPAIR & MAINTENANCE					
Implements	Acre	8.47	1.0000	8.47	_____
Tractors	Acre	3.60	1.0000	3.60	_____
Harvesters	Acre	4.60	1.0000	4.60	_____
Roll-Out Pipe Irr.	Acre	4.36	1.0000	4.36	_____
INTEREST ON OP. CAP.	Acre	9.92	1.0000	9.92	_____
TOTAL DIRECT EXPENSES				571.55	_____
FIXED EXPENSES					
Implements	Acre	14.36	1.0000	14.36	_____
Tractors	Acre	22.94	1.0000	22.94	_____
Harvesters	Acre	18.40	1.0000	18.40	_____
Roll-Out Pipe Irr.	Acre	48.17	1.0000	48.17	_____
TOTAL FIXED EXPENSES				103.87	_____
TOTAL SPECIFIED EXPENSES				675.42	_____

Table 21.B Estimated resource use and costs for field operations, per Acre
Wheat and Irrigated Soybeans, (double crop),
Alluvial Soil, Louisiana, 2013.

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	1.53	1.07	0.26	0.53	0.08	0.80				4.19
LA Phosphate	lb											50.0000	0.65	32.50	32.50
LA Potash	lb											50.0000	0.47	23.50	23.50
Lime (Spread)	ton			0.33	Oct							0.3300	45.00	14.85	14.85
Disk Harrow	28'	MFWD 170	0.070	1.00	Oct	2.35	2.02	0.81	1.73	0.07	0.67				7.58
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.76	1.24	0.06	0.16	0.04	0.47				3.69
Row Cond (Plant)	27'	MFWD 190	0.078	1.00	Nov	2.85	2.00	0.19	0.80	0.07	0.75				6.59
Ditcher		2WD 130	0.020	1.00	Nov	0.49	0.31	0.04	0.05	0.02	0.19				1.08
Grain Drill	30'	MFWD 225	0.062	1.00	Nov	2.82	2.61	1.44	2.82	0.12	1.20				10.89
Wheat Seed Private	lb											90.0000	0.37	33.30	33.30
App by Air (5 gal)	appl			1.00	Dec							1.0000	6.00	6.00	6.00
Sencor DF	lb											0.1900	14.85	2.82	2.82
LA Nitrogen	lb			1.00	Feb							80.0000	0.56	44.80	44.80
App Fert by Air(Min)	appl											1.0000	6.50	6.50	6.50
App by Air (5 gal)	appl			1.00	Feb							1.0000	6.00	6.00	6.00
Cotton Seed BGII/RRF	thous											0.4000	0.61	0.24	0.24
Surfactant	pt											1.5000	3.50	5.25	5.25
App by Air (3 gal)	appl			1.00	Mar							1.0000	4.75	4.75	4.75
Karate Z	oz											2.1300	3.15	6.71	6.71
Header Wheat/Sorghum	30' Rigid	275hp	0.085	1.00	May	6.29	9.20	0.61	0.93	0.08	1.30				18.33
Haul Wheat	bu			1.00	May							50.0000	0.28	14.00	14.00
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	May	2.45	2.10	1.85	1.14	0.08	0.79				8.33
Roundup WeatherMax	oz			1.00	May							22.0000	0.24	5.28	5.28
App by Air (5 gal)	appl											1.0000	6.00	6.00	6.00
Valor WP	oz											2.0000	4.23	8.46	8.46
NT Plant&Pre-Rigid	12R-20	MFWD 190	0.105	1.00	May	3.84	2.70	2.05	4.00	0.21	2.04				14.63
Soybean Seed RR	lb											50.0000	1.04	52.00	52.00
Ditcher		2WD 130	0.020	1.00	May	0.49	0.31	0.04	0.05	0.02	0.19				1.08
App by Air (5 gal)	appl			1.00	Jun							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
Dual II Magnum	pt											1.0000	14.43	14.43	14.43
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jul	1.42	1.22	0.14	0.17	0.06	0.61				3.56
Roundup WeatherMax	oz											22.0000	0.24	5.28	5.28
Flexstar HL	pt											1.0000	16.78	16.78	16.78
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Corn Seed VT3Pro	thous											6.0000	3.12	18.72	18.72
Quadris	oz											6.0000	2.47	14.82	14.82
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Orthene 90S	lb											1.0000	6.50	6.50	6.50
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Stratego	pt											0.6300	21.97	13.84	13.84
Corn Seed VT3Pro	thous											6.0000	3.12	18.72	18.72
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.7500	6.50	4.88	4.88
Intrepid 2F	oz											6.0000	1.81	10.86	10.86
App by Air (5 gal)	appl			1.00	Sep							1.0000	6.00	6.00	6.00
Cotton Seed Liberty	thous											16.0000	1.05	16.80	16.80
Surfactant	pt											1.0000	3.50	3.50	3.50
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	6.29	9.20	0.57	0.87	0.08	1.30				18.23
Haul Soybeans	bu			1.00	Oct							45.0000	0.28	12.60	12.60
Roll-Out Pipe Irr.	Acre				Jul	10.51	7.36	20.97	49.28	0.44	4.31	1.0000		7.92	100.35
TOTALS						43.09	41.34	29.03	62.53	1.42	14.62			474.89	665.50
INTEREST ON OPERATING CAPITAL															9.92
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															675.42

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Appendix Table 1. Operating Inputs: Estimated Prices for 2013.

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
		dollars			dollars
ADJUVANTS			Terrachlor Flowable pt 4.74		
Crop Oil (Seed Oil)	pt	4.34	Terraclor 2EC	pt	1.87
Crop Oil (Petroleum)	pt	3.75	Terraclor Super X EC	pt	3.95
Surfactant	pt	3.50	Terraclor Super X G	lb	2.82
CUSTOM FERT/LIME			Tilt 3.6 EC	oz	1.17
App Fert by Air	cwt	6.50	Vitavax 200	oz	0.47
App Fert by Air(Min)	appl	6.50	Vitavax M Flowable	oz	1.06
Custom Apply Fert	acre	7.00	Vitavax RTU-Thiram	oz	0.35
Custom Spread(Truc	appl	4.50	Vitavax T-L	oz	0.29
Lime (Spread)	ton	45.00	GIN/DRY		
CUSTOM HARVEST/HAUL			Dry Corn	bu	0.19
Custom Combine Rice	acre	0.00	Dry Grain Sorghum	cwt	0.25
Haul Corn	bu	0.28	Dry Rice	bu	0.40
Haul Cotton	lb	0.02	Dry Rice (cwt)	cwt	0.90
Haul Sorghum	bu	0.28	GROWTH REGULATORS		
Haul Soybeans	bu	0.28	Early Harvest PGR	oz	1.55
Haul Wheat	bu	0.28	LA Polado	oz	0.38
LARice Haul	cwt	0.30	Mepex	oz	0.10
CUSTOM PLANT			PGR IV	oz	1.55
LARice Air Plant NE	cwt	5.50	Pix Plus	oz	0.25
LARice Air Plant SW	cwt	5.60	Pix Ultra	oz	0.39
CUSTOM SPRAY			HARVEST AIDS		
App by Air (2 gal)	appl	4.00	Accelerate	pt	2.59
App by Air (3 gal)	appl	4.75	Ammonium Sulfate	lb	0.28
App by Air (5 gal)	appl	6.00	Boll'd	pt	7.01
App by Air (10 gal)	appl	7.75	CottonQuik	pt	4.25
LARice GPS Charge-SW	acre	0.35	Def 6	pt	7.34
LARice GPS Charge_NE	acre	0.25	Def/Folex	pt	8.42
FERTILIZERS			Dropp 50 WP	lb	45.45
Amm Nitrate (34% N)	cwt	22.50	Dropp SC	oz	2.34
Amm Sulfate (21% N)	cwt	20.70	Ethephon 6E	pt	3.34
Fert 10-34-0	cwt	35.00	Finish 6	pt	9.22
Fert 41-0-0-4	cwt	26.30	Folex 6EC	pt	9.50
LA Nitrogen	lb	0.56	Ginstar EC	pt	31.92
LA Phosphate	lb	0.65	Gramoxone Extra	pt	4.86
LA Potash	lb	0.47	Gramoxone Inteon	oz	0.25
Phosphorus(46% P2O5)	cwt	29.30	Gramoxone Max	pt	5.46
Potash (60% K2O)	cwt	29.80	Harvade 5F	oz	0.67
Sulfur	lb	0.27	Leafless	pt	18.56
UAN (32% N)	cwt	21.10	Prep	pt	3.00
UAN + Sulfur (28% N)	cwt	20.90	Sodium Chlorate 3L	gal	3.45
Urea, Solid (46% N)	cwt	28.40	Sodium Chlorate 6L	gal	6.11
Zinc	lb	0.55	Starfire	pt	0.00
FUNGICIDES			HERBICIDES		
Apron Maxx RTA	oz	0.87	2,4-D Amine 4	pt	1.89
Apron XL	oz	8.51	2,4-D Ester	pt	2.31
Apron XL LS	oz	7.93	AAtrex 4L	pt	2.28
Benlate 50 WP	lb	15.95	AAtrex NINE-O	lb	4.22
Captan 4L	pt	2.83	Accent Gold	oz	6.12
Captan 50 WP	lb	6.00	Accent SP	oz	36.25
Cruiser 5FS	oz	17.38	Aim 2EC	oz	7.38
Delta Coat AD	oz	3.75	Aim DF	oz	9.65
Dithane F-45	qt	8.17	Arrosolo	qt	7.88
Dithane Rainsheild	lb	2.84	Assure II	oz	0.90
Fungicide	lb	2.82	Atrazine 4L	pt	1.56
Gem 25 WG	oz	3.70	Atrazine 90DF	lb	2.92
Manzate 75 DF	lb	4.93	Authority 75DF	lb	26.95
Manzate Flowable	pt	4.60	Axiom 68DF	lb	25.74
Moncut 70 DF	lb	24.85	Backdraft	pt	2.40
Orbit	oz	2.75	Banvel	pt	6.98
Prevail	lb	28.26	Basagran	pt	13.23
Quadris	oz	2.47	Basis Gold	lb	9.00
Ridomil GoldPC 10G	lb	2.08	Beacon 75% WSP	oz	34.87
Ridomil Gold PC	lb	2.42	Beyond	oz	3.90
Ridomil Gold PC Liq	oz	6.25	Bicep II Magnum	qt	11.82
Rovral 4F	pt	17.72	Bicep II zmsgnum	qt	11.82
Rovral WG	lb	0.00	Bladex 4L	qt	0.00
Shelter	oz	8.50	Bladex 90DF	lb	0.00
Stiletto	oz	0.56	Blazer 2L	pt	0.00
Stratego	pt	21.97			

HERBICIDES (CON'T)

Blazer Ultra	pt	9.40	Lasso 4EC	qt	6.60
Boa	pt	3.63	Lasso II 15G	lb	0.00
Bolero 8EC	pt	7.30	Layby Pro	qt	13.87
Boundary	pt	9.67	Lexone 75DF	lb	18.90
Buctril 4EC	pt	17.06	Liberty	pt	8.84
Butoxone 175(2,4-DB)	pt	2.70	Lightning	oz	14.25
Butoxone 200(2,4-DB)	pt	3.21	Lightning	oz	14.25
Butyrac 175 (2,4-DB)	pt	2.71	Linex 4L	pt	9.92
Butyrac 200 (2,4-DB)	pt	4.18	Londax 60DF	oz	14.75
Canopy 75%	oz	2.21	Lorox 50DF	lb	20.60
Canopy XL	oz	2.23	MSMA 6.6	pt	2.79
Caparol 4L	pt	2.54	MSMA6 + Surfactant	pt	2.71
Caparol Accu-Pak	lb	0.00	Newpath 2SL	oz	3.15
Celebrity Plus	lb	84.50	Ordram 15-G	lb	1.34
Clarity	pt	10.83	Ordram 8-E	pt	9.42
Classic	oz	16.06	Outlook	pt	20.63
Clincher EC	oz	2.10	Pendimax 3.3	pt	2.47
Cobra 2EC	oz	1.47	Permit 75DF	oz	17.60
Command 3ME	pt	17.08	Poast 1.53	pt	11.25
Command XTRA	pt	0.00	Poast Plus	pt	8.42
Conclude Ultra	pt	0.00	Propanil 4E	qt	5.15
Conclude Ultra	pt	0.00	Prowl 3.3 EC	pt	2.75
Conclude XACT	pt	11.32	Pursuit DG	oz	11.59
Conclude XTRA	pt	8.32	Pursuit Plus EC	pt	7.10
Cornerstone	pt	3.48	Python WDG	oz	13.22
Cotoran 4L	pt	6.12	Raptor	oz	4.05
Cotoran DF	lb	7.92	Reflex 2LC	pt	16.10
Cotton Pro Flowable	pt	3.44	Regiment 80WP	oz	40.64
Crossbow	pt	8.05	Remedy	pt	8.45
Cy-Pro 4L	qt	0.00	Resource .86EC	pt	27.28
Cypro 90DF	lb	0.00	Ricestar	pt	22.25
Delta Goal	pt	9.44	Roundup Original	pt	6.00
Denim 0.16 EC	pt	24.06	Roundup Original Max	oz	0.38
Detail	pt	7.99	Roundup Power Max	pt	2.83
Direx 4L	pt	3.13	Roundup Ultra MAX	pt	5.97
Direx 80 DF	lb	7.37	Roundup Ultra Dry	lb	6.14
Diuron 4L	pt	3.85	Roundup WeatherMax	oz	0.24
Diuron 80 DF	lb	5.13	Scepter 70 DG	oz	4.33
Domain 60DF	lb	12.75	Select 2EC	oz	1.53
DSMA 4	pt	0.90	Sencor 4F	pt	14.74
Dual 8E	pt	0.00	Sencor DF	lb	14.85
Dual II Magnum	pt	14.43	Squadron CE	pt	4.55
Dual Magnum	pt	13.54	Stam 4E	qt	5.12
Duet	pt	4.78	Stam 80 EDF	lb	6.25
Evik DF 80W	lb	10.11	Staple 85%	oz	16.01
Exceed	oz	10.71	Staple Plus	oz	6.96
Exceed Custom Pak	oz	11.50	Steadfast	oz	23.95
Expert	pt	4.19	Steel	pt	10.28
Facet 75DF	lb	50.00	Storm	pt	10.62
First Rate	oz	39.68	Strongarm	oz	47.07
Flexstar HL	pt	16.78	Superwham	qt	8.49
FloMet 4L	pt	4.74	Suprend	lb	12.77
Freedom	qt	2.51	Surpass 20G	lb	2.36
Front Row	oz	21.92	Surpass EC	qt	25.92
Frontier 6.0	oz	0.63	Touchdown	qt	9.32
Fultime	pt	5.21	Touchdown 4 IQ	pt	3.33
Fusilade DX	oz	1.23	Touchdown Total	qt	5.49
Fusion	pt	26.64	Treflan HFP	pt	2.84
Glyphos	pt	1.94	Treflan TR-10	lb	1.10
Glyphomax	pt	3.49	Tri-Scept	pt	5.24
Glyphosate Plus 4L	pt	3.19	Trifluralin 4EC	pt	3.19
Glystar Plus	pt	1.80	Trilin 10G	lb	0.79
Goal 2XL	pt	9.87	Trilin 4EC	pt	2.12
Gramoxone Max	pt	5.46	Typhoon	qt	13.06
Gramoxone Max	pt	5.46	Valor WP	oz	4.23
Grandstand R	qt	28.37	Whip 360	pt	25.08
Guardman	pt	4.66	Zorial Rapid 80DF	lb	13.95
Guardman Max	pt	6.92	INSECTICIDES		
Harmony Extra	oz	13.27	Acephate 80SP	lb	0.00
Hoelon 3EC	pt	11.03	Acephate 90SP	lb	6.56
Karmex DF	lb	6.81	Admire 2 Flowable	oz	4.78
LA Asulox/Asulam	gal	36.75	Ammo 2.5 EC	oz	0.92
LA Weedmaster	qt	2.78	Asana .66 XL	oz	0.75
Lariat	qt	7.29	Aztec 2.1% G	lb	3.40
			Baythroid 2	oz	2.27

INSECTICIDES (CON'T)

Bidrin 8L	oz	1.01
Brigade EC	pt	15.10
Brigade WSB	lb	21.00
Capture 2EC	oz	1.76
Carbamate	oz	0.00
Centric 40WG	oz	4.46
Comite	pt	7.23
Condor XL	pt	0.00
Confirm 2F	oz	1.94
Counter 15G	lb	2.55
Counter CR	lb	2.65
Curacron 8E	pt	10.74
Decis 1.5EC	oz	2.84
Declare	pt	4.08
Denim 0.16EC	pt	30.23
Di-Syston 15G	lb	3.48
Di-Syston 8	pt	14.32
Diamond .83EC	pt	16.28
Dimethoate 4E	pt	5.45
Dimilin 2L	oz	1.84
Dipel DF	lb	13.98
Dipel ES	pt	5.28
Force 3G	lb	6.25
Furadan 3G	lb	0.00
Furadan 4F	pt	9.81
Fury 1.5 EC	oz	1.30
Gaucho 480	oz	8.56
Intrepid 2F	oz	1.81
Intruder 70WP	oz	8.75
Karate Z	oz	3.15
Lannate LV	pt	9.87
Lannate SP	oz	1.83
Larvin 3.2	oz	0.62
Leverage 2.7	oz	1.33
Lorsban 15G	lb	2.24
Lorsban 4E	pt	5.54
Malathion 57EC	pt	4.23
Malathion 8E	pt	5.50
Malathion ULV	pt	4.93
Mepichlor 4.2% Liq	pt	5.91
Methyl Parathion	pt	5.58
Monitor 4	pt	16.33
Monitor 4	pt	16.33
Mustang Max	oz	1.58
Organophosphate	oz	0.00
Orthene 90S	lb	6.50
Orthene 97	lb	10.59
Ovasyn	pt	0.00
Ovicide	oz	0.00
Penncap M	pt	5.90
Phaser 3E	qt	8.13
Pirate 3SC	oz	0.00
Pounce 25WP	lb	12.77
Pounce 3.2 EC	oz	0.91
Provado 1.6F	oz	1.94
Scout X-TRA	oz	0.00
Sevin 80S	lb	7.35
Sevin XLR Plus	qt	12.93
Spintor 2SC	oz	4.93
Steward	pt	31.20
Synthetic Pyrethroid	oz	0.00
Temik 15G Grit	lb	4.11
Thimet 20-G	lb	3.33
Thionex 3EC	pt	4.46
Thionex 50W	lb	10.51

Tracer	oz	8.45
Trimax	oz	1.85
Vydate C-LV	oz	0.70
Warrior Z	oz	1.80
Warrior ZT	oz	1.88

SEED/PLANTS

Corn Seed Bt	thous	2.60
Corn Seed BtRR	thous	3.34
Corn Seed Conv.	thous	2.57
Corn Seed RR	thous	3.11
Corn Seed VT3	thous	2.84
Corn Seed VT3Pro	thous	3.12
Cotton Seed BG/RR	thous	0.62
Cotton Seed BGII/RRF	thous	0.61
Cotton Seed Bt	thoud	0.28
Cotton Seed BtRR	thous	0.68
Cotton Seed Bxn	thous	0.00
Cotton Seed Conv.	thous	0.00
Cotton Seed Liberty	thous	1.05
Cotton Seed Liberty	thous	1.05
Cotton Seed RR	thous	0.63
Cotton Seed RR	thous	0.63
Cotton Seed WS	thous	0.49
Cotton Seed WS/RR	thous	0.00
Cotton Seed WS/RRF	thous	0.59
Sorghum Concept	lb	2.03
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 Public	lb	0.00
Soybean Seed RR	lb	1.04
Soybean Seed Stack	lb	1.28
Wheat Seed Private	lb	0.37
Wheat Seed Public	lb	0.00

SERVICE FEE

Cotton Checkoff	bale	2.56
Cotton Storage	bale	25.00
Crop Consultant	acre	5.00
Insect Scouting	acre	7.00
Rice Consultant	acre	7.00
SC Treating Charge	acre	0.00
Survey & Mark Levees	acre	4.50
Survey & Mark Levees	acre	4.50
BG Cot Tech Fee	thous	0.28
BG Cot Tech Fee	cap/ac	19.50
BG II Cot Tech Fee	thous	0.76
BG II Cot Tech Fee	cap/ac	31.91
BG II/RR Tech Fee	thous	1.49
BG II/RR Tech Fee	cap/ac	69.25
BGII/RRF Cot Tech Fe	thous	1.49
BGII/RRF Cot Tech Fe	cap/ac	69.25
Eradication Fee	acre	6.00
Eradication Zone 1	acre	6.00
Eradication Zone 1A	acre	6.00
Eradication Zone 1B	acre	6.00
Eradication Zone 2	acre	6.00
Eradication Zone 3	acre	6.00
Eradication Zone 4	acre	6.00
RR Cotton Tech Fee	thous	1.04
RR Cotton Tech Fee	cap/ac	43.66
RR Cotton Tech Fee	thous	1.04
RR Cotton Tech Fee	cap/ac	43.66
RRF Cotton Tech Fee	thous	1.04
RRF Cotton Tech Fee	cap/ac	48.25

Appendix Table 2. Tractors: estimated purchase price, annual use, useful life, fuel use, and direct and fixed cost per hour, Louisiana 2013.

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	32.37	0.00	47.67	0.00	47.67
Combine (200-249 hp)	240hp	161,548	300	8	12.35	15.30	40.87	16.82	73.00	67.39	140.40
Combine (225-274 hp)	Track250hp	0	300	8	12.87	15.30	42.59	0.00	57.89	0.00	57.89
Combine (250-299 hp)	275hp	259,000	300	8	14.15	15.30	46.83	26.97	89.11	108.04	197.16
Combine (250-299hp)	Grass295hp	218,222	300	8	15.18	15.30	50.24	22.73	88.27	91.03	179.31
Combine (275-299 hp)	Track290hp	0	300	8	14.93	15.30	49.41	0.00	64.71	0.00	64.71
Combine (300-349 hp)	325hp	298,000	300	8	16.73	15.30	55.37	31.04	101.71	124.31	226.03
Combine (300-349hp)	Track320hp	0	300	8	16.47	15.30	54.51	0.00	69.81	0.00	69.81
Combine (350-379 hp)	370hp	316,000	300	8	19.04	15.30	63.02	32.91	111.23	131.82	243.06
Combine (350-379 hp)	Track365hp	0	300	8	18.79	15.30	62.19	0.00	77.49	0.00	77.49
Cotton Stripper	173hp	170,000	200	8	8.08	15.30	26.74	26.56	68.60	106.37	174.98
Tractor(40-59hp)Cab	2WD 50	35,200	600	8	2.57	9.60	8.51	1.10	19.21	6.73	25.95
Tractor(40-59hp)Cab	MFWD 50	36,700	600	8	2.57	9.60	8.51	1.14	19.26	7.02	26.28
Tractor(40-59hp)RB	2WD 50	20,500	600	8	2.57	9.60	8.51	0.64	18.75	3.92	22.68
Tractor(40-59hp)RB	MFWD 50	29,000	600	8	2.57	9.60	8.51	0.90	19.02	5.54	24.57
Tractor(60-89hp)CAB	2WD 75	45,300	600	8	3.86	9.60	12.77	1.41	23.79	8.66	32.45
Tractor(60-89hp)CAB	MFWD 75	49,400	600	8	3.86	9.60	12.77	1.54	23.92	9.44	33.37
Tractor(60-89hp)RB	2WD 75	33,600	600	8	3.86	9.60	12.77	1.05	23.42	6.42	29.85
Tractor(60-89hp)RB	MFWD 75	40,300	600	8	3.86	9.60	12.77	1.25	23.63	7.70	31.34
Tractor(90-119hp)CB	2WD 105	57,700	600	8	5.40	9.60	17.88	1.80	29.29	11.03	40.32
Tractor(90-119hp)CB	MFWD 105	74,700	600	8	5.40	9.60	17.88	2.33	29.82	14.28	44.11
Tractor(90-119hp)RB	2WD 105	45,800	600	8	5.40	9.60	17.88	1.43	28.92	8.76	37.68
Tractor(90-119hp)RB	MFWD 105	51,800	600	8	5.40	9.60	17.88	1.61	29.10	9.90	39.01
Tractor(120-139hp)CB	2WD 130	82,300	600	8	6.69	9.60	22.14	2.57	34.32	15.74	50.06
Tractor(120-139hp)CB	MFWD 130	101,000	600	8	6.69	9.60	22.14	3.15	34.90	19.32	54.22
Tractor(140-159hp)CB	2WD 150	131,000	600	8	7.72	9.60	25.55	4.09	39.24	25.05	64.30
Tractor(140-159hp)CB	MFWD 150	133,000	600	8	7.72	9.60	25.55	4.15	39.31	25.44	64.75
Tractor(160-179hp)CB	2WD 170	119,000	600	8	8.75	9.60	28.96	3.71	42.28	23.79	66.07
Tractor(160-179hp)CB	MFWD 170	144,000	600	8	8.75	9.60	28.96	4.50	43.06	28.79	71.85
Tractor(160-199hp)CB	Track 180	142,710	600	8	9.26	9.60	30.66	4.45	44.72	28.53	73.26
Tractor(180-199hp)CB	2WD 190	143,000	600	8	9.77	9.60	32.37	4.46	46.43	28.59	75.03
Tractor(180-199hp)CB	MFWD 190	127,500	600	8	9.77	9.60	32.37	3.98	45.95	25.49	71.44
Tractor(200-249hp)CB	4WD 225	147,066	600	8	11.58	9.60	38.33	4.59	52.52	29.40	81.93
Tractor(200-249hp)CB	MFWD 225	208,000	600	8	11.58	9.60	38.33	6.50	54.43	41.58	96.02
Tractor(200-249hp)CB	Track 225	258,000	600	8	11.58	9.60	38.33	8.06	55.99	51.58	107.58
Tractor(250-349hp)CB	4WD 300	262,000	600	8	15.44	9.60	51.11	8.18	68.89	52.38	121.28
Tractor(250-349hp)CB	Track 300	260,000	600	8	15.44	9.60	51.11	8.12	68.83	51.98	120.82
Tractor(350-449hp)CB	4WD 400	300,000	600	8	20.58	9.60	68.14	9.37	87.12	59.98	147.10
Tractor(350-449hp)CB	Track 400	345,000	600	8	20.58	9.60	68.14	10.78	88.53	68.97	157.50
Tractor(450-uphp)CB	TRACK-475	279,879	600	8	24.44	9.60	80.92	8.74	99.27	55.95	155.23

Appendix Table 3. Self-propelled machines: estimated purchase price, annual use, useful life, fuel use, performance rate, and direct and fixed cost per acre, Louisiana 2013.

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	0.48	0.43	3.97	2.08	6.05
Butt Levee (Backhoe)	70 HP	75,218	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	13.89	11.76	38.60	47.12	85.72
Cotton Picker-1st-BB	4R2X1260hp	317,399	200	8	13.33	0.172	4.29	7.60	8.54	20.43	34.22	54.66
Cotton Picker-1st-BB	4R30"250hp	262,000	200	8	12.86	0.327	8.15	13.94	13.40	35.49	53.67	89.17
Cotton Picker-1st-BB	4R30"325hp	350,000	200	8	18.01	0.327	8.15	19.51	17.90	45.57	71.70	117.27
Cotton Picker-1st-BB	4R38"255hp	267,000	200	8	13.12	0.257	6.41	11.19	10.75	28.37	43.06	71.44
Cotton Picker-1st-BB	4R38"325hp	382,000	200	8	18.01	0.257	6.41	15.36	15.38	37.17	61.62	98.79
Cotton Picker-1st-BB	5R30"255hp	285,000	200	8	12.86	0.261	6.52	11.14	11.66	29.33	46.70	76.04
Cotton Picker-1st-BB	5R38"250hp	284,601	200	8	12.86	0.207	5.15	8.82	9.21	23.19	36.90	60.09
Cotton Picker-1st-BB	6R30"325hp	441,000	200	8	18.27	0.218	5.43	13.19	15.03	33.67	60.22	93.90
Cotton Picker-1st-BB	6R38"330hp	441,000	200	8	18.27	0.172	4.29	10.42	11.87	26.58	47.55	74.13
Cotton Picker-1st-Tr	2R38"157hp	144,912	200	8	8.08	0.519	12.93	13.89	11.76	38.60	47.12	85.72
Cotton Picker-1st-Tr	4R2X1255hp	322,137	200	8	18.01	0.172	4.29	10.27	8.67	23.23	34.73	57.97
Cotton Picker-1st-Tr	4R30"250hp	261,825	200	8	12.86	0.327	8.15	13.94	13.39	35.48	53.63	89.12
Cotton Picker-1st-Tr	4R30"325hp	311,088	200	8	16.72	0.327	8.15	18.12	15.91	42.19	63.73	105.92
Cotton Picker-1st-Tr	4R38"255hp	262,818	200	8	13.12	0.257	6.41	11.19	10.58	28.20	42.39	70.59
Cotton Picker-1st-Tr	4R38"325hp	325,618	200	8	18.01	0.257	6.41	15.36	13.11	34.90	52.52	87.42
Cotton Picker-1st-Tr	5R30"255hp	285,303	200	8	13.12	0.261	6.52	11.37	11.67	29.57	46.75	76.33
Cotton Picker-1st-Tr	5R38"250hp	290,471	200	8	12.86	0.207	5.15	8.82	9.40	23.38	37.66	61.05
Cotton Picker-1st-Tr	6R30"325hp	429,000	200	8	16.72	0.218	5.43	12.08	14.62	32.14	58.58	90.73
Cotton Picker-1st-Tr	6R38"330hp	429,000	200	8	18.01	0.172	4.29	10.27	11.55	26.11	46.25	72.36
Cotton Picker-2nd-BB	2R38"157hp	144,912	200	8	8.08	0.440	10.96	11.77	9.96	32.69	39.91	72.61
Cotton Picker-2nd-BB	4R2x1260hp	322,187	200	8	18.01	0.145	3.63	8.70	7.34	19.68	29.42	49.10
Cotton Picker-2nd-BB	4R30"250hp	261,825	200	8	12.86	0.277	6.90	11.81	11.34	30.06	45.43	75.49
Cotton Picker-2nd-BB	4R30"325hp	311,088	200	8	16.72	0.277	6.90	15.35	13.47	35.73	53.98	89.72
Cotton Picker-2nd-BB	4R38"255hp	262,818	200	8	13.12	0.218	5.43	9.48	8.96	23.88	35.91	59.79
Cotton Picker-2nd-BB	4R38"325hp	325,618	200	8	18.01	0.218	5.43	13.01	11.10	29.56	44.49	74.05
Cotton Picker-2nd-BB	5R30"255hp	285,303	200	8	13.12	0.221	5.52	9.63	9.88	25.05	39.60	64.65
Cotton Picker-2nd-BB	5R38"250hp	284,601	200	8	12.86	0.175	4.37	7.47	7.80	19.65	31.25	50.90
Cotton Picker-2nd-BB	6R30"325hp	405,906	200	8	18.01	0.184	4.60	11.02	11.72	27.34	46.95	74.30
Cotton Picker-2nd-BB	6R38"330hp	404,462	200	8	18.01	0.145	3.63	8.70	9.22	21.55	36.93	58.49
Cotton Picker-2nd-Tr	2R38"157hp	144,912	200	8	8.08	0.440	10.96	11.77	9.96	32.69	39.91	72.61
Cotton Picker-2nd-Tr	4R2X1260hp	322,137	200	8	18.01	0.145	3.63	8.70	7.34	19.68	29.42	49.10
Cotton Picker-2nd-Tr	4R30"250hp	261,825	200	8	12.86	0.277	6.90	11.81	11.34	30.06	45.43	75.49
Cotton Picker-2nd-Tr	4R30"325hp	311,088	200	8	16.72	0.277	6.90	15.35	13.47	35.73	53.98	89.72
Cotton Picker-2nd-Tr	4R38"255hp	262,818	200	8	13.12	0.218	5.43	9.48	8.96	23.88	35.91	59.79
Cotton Picker-2nd-Tr	4R38"325hp	325,618	200	8	18.01	0.218	5.43	13.01	11.10	29.56	44.49	74.05
Cotton Picker-2nd-Tr	5R30"255hp	285,303	200	8	13.12	0.221	5.52	9.63	9.88	25.05	39.60	64.65
Cotton Picker-2nd-Tr	5R38"250hp	290,471	200	8	12.86	0.175	4.37	7.47	7.96	19.81	31.90	51.71
Cotton Picker-2nd-Tr	6R30"325hp	381,665	200	8	16.72	0.184	4.60	10.23	11.02	25.86	44.15	70.01
Cotton Picker-2nd-Tr	6R38"330hp	404,462	200	8	18.01	0.145	3.63	8.70	9.22	21.55	36.93	58.49
LA Pickup Truck	1/2 ton	25,000	800	5	2.50	1.000	9.60	6.00	2.81	18.41	6.70	25.11
Levee Sprayer	27'	30,768	350	8	2.57	0.038	0.77	0.32	0.06	1.15	0.42	1.58
Sprayer(300-450Gal)	60'	103,000	350	8	5.66	0.017	0.35	0.33	0.09	0.78	0.64	1.43
Sprayer(300-450Gal)	80'	103,000	350	8	5.66	0.013	0.26	0.24	0.07	0.58	0.48	1.07
Sprayer(600-750Gal)	60'	161,000	350	8	10.29	0.017	0.35	0.60	0.15	1.10	1.01	2.12
Sprayer(600-825Gal)	80'	161,000	350	8	10.29	0.013	0.26	0.45	0.11	0.83	0.76	1.59
Sprayer(600-825Gal)	90'	237,000	350	8	10.29	0.011	0.23	0.40	0.14	0.78	0.99	1.78
Sprayer(1000-1400Gal)	90'	272,000	350	8	14.15	0.014	0.28	0.66	0.20	1.14	1.37	2.52
Sprayer(1200PlusGal)	120'	286,000	350	8	15.44	0.008	0.17	0.45	0.13	0.76	0.90	1.66

Appendix Table 4. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre, Louisiana 2013.

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---							
Blade-Box	6'	2WD 130	1,030	200	20	0.020	0.19	0.44	0.00	0.05	0.69	0.00	0.31	1.01
Blade-Box	10'	2WD 50	4,880	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	6,970	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	1,090	200	20	1.176	11.29	10.02	0.60	0.75	22.67	0.49	4.61	27.78
Blade-Scraper	10'	2WD 50	3,030	200	20	1.176	11.29	10.02	1.69	0.75	23.76	1.38	4.61	29.75
Blade-Scraper	14'	2WD 50	6,220	200	20	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Chisel Plow(Folding)	16'	2WD 130	21,300	150	12	0.115	1.10	2.55	0.88	0.29	4.85	1.57	1.81	8.24
Chisel Plow(Folding)	24'	MFWD 190	33,200	150	12	0.076	0.73	2.47	0.91	0.30	4.42	1.62	1.94	8.00
Chisel Plow(Folding)	32'	MFWD 225	37,000	150	12	0.057	0.55	2.21	0.77	0.37	3.91	1.36	2.40	7.68
Chisel Plow(Folding)	42'	MFWD 225	43,700	150	12	0.044	0.42	1.68	0.69	0.28	3.09	1.22	1.83	6.15
Chisel Plow(Rigid)	15'	2WD 130	8,600	150	12	0.123	1.18	2.72	0.38	0.31	4.61	0.67	1.94	7.23
Chisel Plow(Rigid)	24'	MFWD 190	10,000	150	12	0.077	0.73	2.49	0.27	0.30	3.81	0.49	1.96	6.27
Chisel-Harrow	21 shank	2WD 190	12,100	150	12	0.088	0.84	2.84	0.38	0.39	4.47	0.68	2.51	7.67
Chisel-Harrow	27 shank	MFWD 225	13,600	150	12	0.068	0.65	2.62	0.33	0.44	4.06	0.59	2.84	7.50
Colter-Chisel-Harrow	21 shank	2WD 190	18,800	150	12	0.088	0.84	2.84	0.59	0.39	4.68	1.05	2.51	8.26
Colter-Chisel-Harrow	27 shank	MFWD 225	23,500	150	12	0.068	0.65	2.62	0.58	0.44	4.30	1.02	2.84	8.18
Corn Grain Cart 8R30	500 bu	MFWD 190	25,100	200	12	0.031	0.30	1.03	0.21	0.12	1.68	0.38	0.81	2.88
Corn Grain Cart 8R40	700bu	MFWD 190	29,900	200	12	0.025	0.24	0.80	0.20	0.09	1.35	0.35	0.63	2.34
Cult & Post	4R-38	2WD 105	15,900	150	10	0.173	2.49	3.09	0.73	0.24	6.57	1.97	1.51	10.06
Cult & Post	6R-30	MFWD 150	21,300	150	10	0.146	4.22	3.74	0.83	0.60	9.41	2.23	3.73	15.38
Cult & Post	6R-38	MFWD 150	21,400	150	10	0.115	1.66	2.95	0.66	0.48	5.76	1.77	2.94	10.49
Cult & Post	8R-30	MFWD 190	25,000	150	10	0.110	1.58	3.56	0.73	0.43	6.31	1.97	2.80	11.09
Cult & Post	8R-38	MFWD 190	26,500	150	10	0.086	1.25	2.81	0.61	0.34	5.02	1.65	2.21	8.89
Cult & Post	8R-38 2x1	MFWD 190	37,500	150	10	0.057	0.83	1.87	0.57	0.23	3.51	1.55	1.47	6.54
Cult & Post	10R-30	MFWD 225	32,200	150	10	0.088	1.26	3.37	0.75	0.57	5.96	2.03	3.65	11.65
Cult & Post	10R-38	MFWD 225	0	150	10	0.065	0.93	2.49	0.00	0.42	3.85	0.00	2.70	6.55
Cult & Post	12R-30	MFWD 225	41,100	150	10	0.073	1.05	2.81	0.80	0.47	5.14	2.16	3.04	10.35
Cult & Post	12R-38	MFWD 225	42,500	150	10	0.057	0.83	2.21	0.65	0.37	4.08	1.76	2.40	8.25
Cultipacker	12'	2WD 130	4,846	300	12	0.124	1.19	2.75	0.14	0.32	4.41	0.19	1.95	6.57
Cultipacker	20'	MFWD 150	15,200	300	12	0.074	0.71	1.90	0.26	0.31	3.20	0.37	1.89	5.47
Cultivate	4R-38	2WD 105	10,400	150	10	0.162	1.55	2.90	0.45	0.23	5.14	1.21	1.42	7.78
Cultivate	6R-30	MFWD 150	14,900	150	10	0.137	1.32	3.51	0.54	0.57	5.95	1.46	3.49	10.91
Cultivate	6R-38	MFWD 150	15,800	150	10	0.108	1.04	2.77	0.45	0.45	4.72	1.22	2.76	8.71
Cultivate	8R-30	MFWD 190	19,000	150	10	0.103	0.99	3.33	0.52	0.41	5.26	1.40	2.62	9.29
Cultivate	8R-38	MFWD 190	20,400	150	10	0.081	0.78	2.63	0.44	0.32	4.18	1.19	2.07	7.45
Cultivate	8R-38 2x1	MFWD 190	29,000	150	10	0.054	0.52	1.75	0.41	0.21	2.91	1.12	1.38	5.42
Cultivate	10R-30	MFWD 225	26,100	150	10	0.082	0.79	3.16	0.57	0.53	5.06	1.54	3.43	10.03
Cultivate	10R-38	MFWD 225	0	150	10	0.065	0.62	2.49	0.00	0.42	3.54	0.00	2.70	6.24
Cultivate	12R-30	MFWD 225	35,600	150	10	0.068	0.66	2.63	0.65	0.44	4.39	1.75	2.85	9.00
Cultivate	12R-38	MFWD 225	34,600	150	10	0.054	0.52	2.08	0.50	0.35	3.45	1.34	2.25	7.05
Disk & Incorporate	14'	2WD 130	27,300	200	10	0.149	2.15	3.31	1.22	0.38	7.08	2.19	2.35	11.63
Disk & Incorporate	24'	MFWD 190	40,200	200	10	0.087	1.25	2.82	1.05	0.34	5.48	1.88	2.22	9.59
Disk & Incorporate	32'	4WD 225	54,400	200	10	0.068	0.99	2.63	1.12	0.31	5.06	2.01	2.02	9.09
Disk & Incorporate	42'	MFWD 225	30,542	200	10	0.049	0.70	1.88	0.44	0.31	3.35	0.80	2.04	6.20
Disk Bed (Hipper)	4R-38	MFWD 150	7,700	160	10	0.147	1.41	3.77	0.28	0.61	6.08	0.76	3.75	10.60
Disk Bed (Hipper)	6R-30	MFWD 170	10,700	160	10	0.125	1.20	3.62	0.33	0.56	5.71	0.89	3.59	10.21
Disk Bed (Hipper)	6R-38	MFWD 170	12,600	160	10	0.098	0.94	2.85	0.31	0.44	4.56	0.83	2.84	8.23
Disk Bed (Hipper)	8R-30	MFWD 190	14,800	160	10	0.093	0.90	3.03	0.34	0.37	4.65	0.93	2.38	7.97
Disk Bed (Hipper)	8R-38 2x1	MFWD 190	27,700	160	10	0.049	0.47	1.59	0.34	0.19	2.60	0.91	1.25	4.78
Disk Bed (Hipper)	10R-30	MFWD 225	22,900	160	10	0.075	0.72	2.87	0.42	0.48	4.51	1.15	3.11	8.78
Disk Bed (Hipper)	10R-38	MFWD 225	23,700	160	10	0.059	0.56	2.26	0.35	0.38	3.57	0.94	2.45	6.97
Disk Bed (Hipper)	12R-30	MFWD 225	27,900	160	10	0.062	0.60	2.39	0.43	0.40	3.83	1.17	2.59	7.60
Disk Bed (Hipper)	12R-38	MFWD 225	27,700	160	10	0.049	0.47	1.89	0.34	0.32	3.02	0.91	2.05	5.99
Disk Bed (Hipper)Fld	8R-38	MFWD 190	20,400	160	10	0.074	0.71	2.39	0.37	0.29	3.78	1.01	1.88	6.68
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	15,100	160	10	0.074	0.71	2.39	0.27	0.29	3.68	0.75	1.88	6.32
Disk Bed w/roller	8R-30	2WD 190	21,000	160	10	0.093	0.90	3.03	0.49	0.41	4.84	1.32	2.68	8.84
Disk Bed w/roller	12R-30	MFWD 225	35,800	160	10	0.062	0.60	2.39	0.55	0.40	3.96	1.50	2.59	8.06
Disk Harrow	14'	2WD 130	21,900	180	10	0.140	1.34	3.10	0.85	0.36	5.66	1.83	2.20	9.71
Disk Harrow	24'	MFWD 190	34,900	180	10	0.081	0.78	2.64	0.79	0.32	4.55	1.70	2.08	8.34
Disk Harrow	28'	MFWD 225	41,400	180	10	0.070	0.67	2.68	0.80	0.45	4.62	1.73	2.91	9.27
Disk Harrow	42'	MFWD 225	88,900	180	10	0.046	0.44	1.79	1.15	0.30	3.70	2.48	1.94	8.12
Ditcher		2WD 130	4,390	200	10	0.020	0.19	0.44	0.03	0.05	0.72	0.04	0.31	1.08
Ditcher (1m/160a)		2WD 130	4,390	200	10	0.009	0.09	0.20	0.01	0.02	0.33	0.02	0.14	0.50
Fert Appl (Liquid)	4R-38	MFWD 150	12,800	150	8	0.154	2.22	3.95	1.31	0.64	8.14	1.51	3.93	13.59
Fert Appl (Liquid)	6R-30	MFWD 170	15,700	150	8	0.130	1.88	3.79	1.37	0.58	7.63	1.57	3.77	12.98
Fert Appl (Liquid)	6R-38	MFWD 170	13,800	150	8	0.103	1.48	2.99	0.95	0.46	5.89	1.09	2.97	9.96
Fert Appl (Liquid)	8R-30	MFWD 190	13,700	150	8	0.098	1.41	3.17	0.89	0.39	5.88	1.02	2.50	9.41
Fert Appl (Liquid)	8R-38	MFWD 190	16,600	150	8	0.077	1.11	2.51	0.85	0.30	4.79	0.98	1.97	7.76
Fert Appl (Liquid)	8R-38 2x1	MFWD 190	17,000	150	8	0.051	0.74	1.67	0.58	0.20	3.20	0.67	1.31	5.19
Fert Appl (Liquid)	10R-30	MFWD 225	17,100	150	8	0.078	1.13	3.01	0.89	0.51	5.54	1.02	3.26	9.84
Fert Appl (Liquid)	10R-38	MFWD 225	19,600	150	8	0.061	0.89	2.37	0.80	0.40	4.47	0.92	2.57	7.98
Fert Appl (Liquid)	12R-30	MFWD 225	17,500	150	8	0.078	1.13	3.01	0.91	0.51	5.57	1.05	3.26	9.89
Fert Appl (Liquid)	12R-38	MFWD 225	17,000	150	8	0.051	0.74	1.98	0.58	0.33	3.64	0.67	2.14	6.46
Field Cult & Inc	12'	2WD 150	13,605	100	10	0.132	1.90	3.37	0.44	0.54	6.27	1.93	3.31	11.52
Field Cult & Inc	24'	MFWD 170	24,679	100	10	0.066	0.95	1.91	0.40	0.29	3.57	1.75	1.90	7.22

Appendix Table 4. Implements: estimated purchase price, annual use, useful life, performance rate, (Continued) and direct and fixed cost per acre, Louisiana 2013.

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-----							
Field Cultivate	12'	2WD 150	15,200	100	10	0.124	1.19	3.17	0.47	0.50	5.35	2.03	3.11	10.50
Field Cultivate	24'	MFWD 170	24,700	100	10	0.062	0.59	1.80	0.38	0.27	3.06	1.65	1.79	6.50
Field Cultivate	32'	MFWD 190	31,900	100	10	0.046	0.44	1.51	0.37	0.18	2.51	1.60	1.18	5.30
Field Cultivate	42'	MFWD 225	49,100	100	10	0.035	0.34	1.36	0.43	0.23	2.37	1.87	1.47	5.72
Field Cultivate	50'	MFWD 225	60,100	100	10	0.029	0.28	1.14	0.44	0.19	2.07	1.92	1.24	5.24
Gate Installer		2WD 130	2,960	10	10	0.020	0.38	0.44	0.17	0.05	1.05	0.61	0.31	1.98
Grain Drill	12'	2WD 130	22,400	150	8	0.157	3.01	3.48	1.31	0.40	8.22	2.57	2.47	13.26
Grain Drill	15'	MFWD 150	28,000	150	8	0.125	2.41	3.21	1.31	0.52	7.46	2.57	3.19	13.23
Grain Drill	20'	MFWD 170	36,700	150	8	0.094	1.81	2.73	1.29	0.42	6.26	2.52	2.71	11.50
Grain Drill	24'	MFWD 190	58,100	150	8	0.078	1.50	2.54	1.71	0.31	6.07	3.33	2.00	11.41
Grain Drill	30'	MFWD 225	61,300	150	8	0.062	1.20	2.40	1.44	0.40	5.47	2.81	2.61	10.89
Grain Drill & Pre	12'	2WD 130	27,700	150	8	0.169	3.24	3.74	1.75	0.43	9.19	3.42	2.66	15.27
Grain Drill & Pre	15'	MFWD 150	33,300	150	8	0.135	2.59	3.45	1.69	0.56	8.31	3.29	3.44	15.05
Grain Drill & Pre	20'	MFWD 170	42,100	150	8	0.101	1.94	2.94	1.60	0.45	6.95	3.12	2.92	12.99
Grain Drill & Pre	24'	MFWD 190	63,500	150	8	0.084	1.62	2.73	2.01	0.33	6.71	3.92	2.15	12.79
Grain Drill & Pre	30'	MFWD 225	66,700	150	8	0.067	1.29	2.59	1.69	0.44	6.02	3.29	2.81	12.14
Harrow	13'	2WD 130	3,430	200	10	0.119	1.14	2.64	0.14	0.30	4.24	0.22	1.88	6.34
Harrow	21'	2WD 150	4,640	200	10	0.073	0.70	1.88	0.12	0.30	3.02	0.18	1.85	5.06
Harrow	40'	MFWD 190	16,200	200	10	0.038	0.37	1.25	0.22	0.15	2.00	0.33	0.98	3.33
Harrow	47'	MFWD 190	18,100	200	10	0.033	0.31	1.06	0.20	0.13	1.72	0.32	0.84	2.89
Header - Corn	4R-38	240hp	25,147	300	8	0.201	3.07	8.22	1.26	3.38	15.94	1.93	13.55	31.43
Header - Corn	6R30"	240hp	40,700	300	8	0.170	2.60	6.96	1.73	2.86	14.16	2.65	11.47	28.29
Header - Corn	6R38"	240hp	41,800	300	8	0.134	2.05	5.49	1.40	2.26	11.21	2.14	9.05	22.42
Header - Corn	8R-30	240hp	52,600	300	8	0.127	1.95	5.22	1.67	2.14	11.00	2.56	8.60	22.17
Header - Corn	8R-38	275hp	54,100	300	8	0.100	1.54	4.72	1.36	2.72	10.36	2.08	10.90	23.36
Header - Corn	12R-20	275hp	73,800	300	8	0.127	1.95	5.98	2.35	3.44	13.73	3.60	13.79	31.14
Header - Corn	12R-30	275hp	82,200	300	8	0.085	1.30	3.98	1.74	2.29	9.33	2.67	9.19	21.21
Header - Rice (CL)	22' Rigid	240hp	21,887	300	8	0.288	4.41	11.79	1.57	4.85	22.63	2.41	19.44	44.49
Header - Rice (CL)	25' Rigid	240hp	51,600	300	8	0.253	3.88	10.37	3.27	4.27	21.80	5.01	17.10	43.92
Header - Rice (CL)	30' Rigid	275hp	59,000	300	8	0.211	3.23	9.90	3.12	5.70	21.97	4.77	22.85	49.60
Header - Rice (SL)	22' Rigid	240hp	21,887	300	8	0.250	3.82	10.21	1.36	4.20	19.61	2.09	16.84	38.56
Header - Rice (SL)	25' Rigid	240hp	51,600	300	8	0.220	3.36	8.99	2.83	3.70	18.89	4.34	14.82	38.06
Header - Rice (SL)	30' Rigid	275hp	59,000	300	8	0.183	2.80	8.58	2.70	4.94	19.04	4.13	19.80	42.98
Header - Soybean	15' Flex	240hp	0	300	8	0.170	2.60	6.96	0.00	2.86	12.43	0.00	11.47	23.90
Header - Soybean	18' Flex	240hp	20,309	300	8	0.141	2.17	5.80	0.72	2.38	11.08	1.10	9.56	21.74
Header - Soybean	22' Flex	240hp	27,700	300	8	0.116	1.77	4.74	0.80	1.95	9.28	1.23	7.82	18.33
Header - Soybean	25' Flex	275hp	29,800	300	8	0.102	1.56	4.78	0.76	2.75	9.86	1.16	11.03	22.07
Header - Soybean	30' Flex	275hp	26,700	300	8	0.085	1.30	3.98	0.56	2.29	8.15	0.86	9.19	18.22
Header Wheat/Sorghum	18' Rigid	240hp	19,069	300	8	0.141	2.17	5.80	0.67	2.38	11.03	1.03	9.56	21.63
Header Wheat/Sorghum	22' Rigid	240hp	21,900	300	8	0.116	1.77	4.74	0.63	1.95	9.11	0.97	7.82	17.90
Header Wheat/Sorghum	25' Rigid	240hp	25,600	300	8	0.102	1.56	4.17	0.65	1.71	8.11	1.00	6.88	15.99
Header Wheat/Sorghum	30' Rigid	275hp	28,500	300	8	0.085	1.30	3.98	0.60	2.29	8.19	0.92	9.19	18.32
Heavy Disk	14'	MFWD 150	21,900	180	10	0.145	1.40	3.72	0.88	0.60	6.62	1.90	3.71	12.24
Heavy Disk	21'	MFWD 170	34,500	180	10	0.097	0.93	2.81	0.93	0.43	5.12	2.00	2.80	9.92
Heavy Disk	27'	MFWD 190	41,400	180	10	0.075	0.72	2.44	0.87	0.30	4.34	1.87	1.92	8.14
LA Boom Sprayer	30 ft	MFWD 150	3,000	150	10	0.059	0.57	1.53	0.13	0.24	2.49	0.14	1.52	4.16
Land Plane	40'x10'	MFWD 190	6,020	200	10	0.242	2.32	7.85	0.29	0.96	11.44	0.78	6.18	18.41
Land Plane	50'x16'	MFWD 190	11,300	200	10	0.151	1.45	4.90	0.34	0.60	7.31	0.92	3.86	12.09
LARice Backhoe-Rrmnt	2 ft	MFWD 150	6,000	100	10	0.500	4.80	12.77	2.64	2.07	22.29	3.69	12.72	38.71
LARice Land Level	13 ft	MFWD 150	7,500	200	15	0.190	1.82	4.85	0.15	0.79	7.63	0.66	4.83	13.13
LARice Levee Plow	8 ft	4WD 300	4,600	150	10	0.050	0.48	2.55	0.07	0.40	3.52	0.18	2.61	6.32
LARice Water Level	24 ft	4WD 300	3,500	100	15	0.149	1.43	7.66	0.23	1.22	10.56	0.49	7.85	18.90
Levee Splitter (1/80	2 blade	2WD 150	3,280	50	10	0.004	0.04	0.10	0.00	0.00	0.16	0.02	0.10	0.29
Lo-Till & Bed	4R-38	MFWD 190	5,100	150	12	0.145	1.39	4.71	0.26	0.58	6.95	0.48	3.71	11.15
Middle Buster	6R-38	MFWD 150	12,800	160	8	0.120	1.15	3.07	0.36	0.49	5.08	1.15	3.05	9.29
Middle Buster	8R-30	MFWD 190	20,781	160	8	0.114	1.09	3.69	0.55	0.45	5.80	1.77	2.91	10.49
Middle Buster	8R-38	MFWD 190	18,100	160	8	0.090	0.86	2.92	0.38	0.35	4.53	1.22	2.30	8.05
Middle Buster	8R-40 2x1	MFWD 190	29,200	160	8	0.060	0.57	1.94	0.41	0.23	3.17	1.31	1.53	6.02
Middle Buster	10R-30	MFWD 225	29,300	160	8	0.091	0.87	3.50	0.62	0.59	5.59	2.00	3.79	11.40
Middle Buster	10R-38	MFWD 225	32,100	160	8	0.072	0.69	2.76	0.54	0.46	4.46	1.73	2.99	9.19
Middle Buster	12R-38	MFWD 225	29,200	160	8	0.060	0.57	2.30	0.41	0.39	3.68	1.31	2.49	7.49
Mulcher Plow	30'	MFWD 225	0	100	10	0.068	0.65	2.61	0.00	0.44	3.70	0.00	2.83	6.54
NT Grain Drill	12'	2WD 130	38,500	150	8	0.163	3.14	3.62	2.36	0.42	9.55	4.60	2.57	16.73
NT Grain Drill	15'	MFWD 150	42,700	150	8	0.130	2.51	3.34	2.09	0.54	8.50	4.08	3.33	15.91
NT Grain Drill	20'	MFWD 170	60,400	150	8	0.098	1.88	2.84	2.22	0.44	7.39	4.33	2.82	14.55
NT Grain Drill	24'	MFWD 190	78,600	150	8	0.081	1.57	2.64	2.41	0.32	6.95	4.69	2.08	13.74
NT Grain Drill	30'	MFWD 225	91,800	150	8	0.065	1.25	2.50	2.25	0.42	6.44	4.39	2.72	13.56
NT Grain Drill & Pre	12'	2WD 130	43,900	150	8	0.176	3.38	3.90	2.90	0.45	10.64	5.65	2.77	19.07
NT Grain Drill & Pre	15'	MFWD 150	48,100	150	8	0.141	2.70	3.60	2.54	0.58	9.44	4.95	3.58	17.98
NT Grain Drill & Pre	20'	MFWD 170	65,700	150	8	0.105	2.03	3.06	2.60	0.47	8.17	5.07	3.04	16.29
NT Grain Drill & Pre	24'	MFWD 190	83,900	150	8	0.088	1.69	2.85	2.77	0.35	7.66	5.40	2.24	15.31
NT Grain Drill & Pre	30'	MFWD 225	97,100	150	8	0.070	1.35	2.70	2.56	0.45	7.08	5.00	2.93	15.01
NT Plant&Pre-Folding	8R-38	MFWD 170	46,000	150	8	0.083	1.60	2.42	1.44	0.37	5.84	2.80	2.40	11.06

Appendix Table 4. Implements: estimated purchase price, annual use, useful life, performance rate, (Continued) and direct and fixed cost per acre, Louisiana 2013.

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost
									Imp.	P.U.		Imp.	P.U.	
			dollars	hours	years	hr/ac	-----\$/acre-----							
NT Plant&Pre-Folding	8R-38 2x1	MFWD 170	72,400	150	8	0.055	1.06	1.61	1.51	0.25	4.44	2.94	1.60	8.99
NT Plant&Pre-Folding	10R-30	MFWD 190	57,555	150	8	0.084	1.62	2.73	1.82	0.33	6.52	3.55	2.15	12.24
NT Plant&Pre-Folding	10R-38	MFWD 190	52,893	150	8	0.066	1.28	2.16	1.32	0.26	5.03	2.57	1.70	9.31
NT Plant&Pre-Folding	12R-20	MFWD 190	69,800	150	8	0.105	2.03	3.42	2.76	0.42	8.64	5.39	2.69	16.73
NT Plant&Pre-Folding	12R-30	MFWD 190	74,200	150	8	0.070	1.35	2.28	1.96	0.28	5.87	3.82	1.79	11.49
NT Plant&Pre-Folding	12R-38	MFWD 190	72,400	150	8	0.055	1.06	1.80	1.51	0.22	4.60	2.94	1.41	8.96
NT Plant&Pre-Folding	16R-30	MFWD 190	96,700	150	8	0.052	1.01	1.71	1.91	0.21	4.85	3.73	1.34	9.93
NT Plant&Pre-Folding	23R-15	MFWD 190	121,000	150	8	0.073	1.41	2.37	3.33	0.29	7.41	6.49	1.87	15.77
NT Plant&Pre-Folding	24R-20	MFWD 190	135,000	150	8	0.052	1.01	1.71	2.67	0.21	5.61	5.21	1.34	12.17
NT Plant&Pre-Folding	24R-30	MFWD 190	157,000	150	8	0.035	0.67	1.14	2.07	0.14	4.03	4.04	0.89	8.97
NT Plant&Pre-Rigid	4R-30	2WD 130	26,600	150	8	0.211	4.06	4.68	2.11	0.54	11.40	4.11	3.33	18.84
NT Plant&Pre-Rigid	4R-38	2WD 130	28,100	150	8	0.166	3.19	3.68	1.75	0.42	9.07	3.41	2.62	15.11
NT Plant&Pre-Rigid	6R-30	MFWD 150	34,300	150	8	0.141	2.70	3.60	1.81	0.58	8.71	3.53	3.58	15.83
NT Plant&Pre-Rigid	6R-38	MFWD 150	33,300	150	8	0.111	2.13	2.84	1.39	0.46	6.83	2.70	2.83	12.37
NT Plant&Pre-Rigid	8R-22	MFWD 170	26,219	150	8	0.143	2.76	4.16	1.41	0.64	8.99	2.75	4.14	15.89
NT Plant&Pre-Rigid	8R-30	MFWD 170	41,600	150	8	0.105	2.03	3.06	1.65	0.47	7.22	3.21	3.04	13.47
NT Plant&Pre-Rigid	8R-38	MFWD 170	39,000	150	8	0.077	1.48	2.23	1.12	0.34	5.19	2.19	2.22	9.61
NT Plant&Pre-Rigid	10R-30	MFWD 190	42,300	150	8	0.084	1.62	2.73	1.34	0.33	6.04	2.61	2.15	10.81
NT Plant&Pre-Rigid	12R-20	MFWD 190	51,800	150	8	0.105	2.03	3.42	2.05	0.42	7.93	4.00	2.69	14.62
NT Plant&Pre-Rigid	12R-30	MFWD 190	58,900	150	8	0.070	1.35	2.28	1.55	0.28	5.47	3.03	1.79	10.30
Paratill & Bed	4R-30	MFWD 225	14,800	150	12	0.204	1.96	7.83	1.09	1.32	12.21	1.93	8.49	22.64
Paratill & Bed	4R-38	MFWD 225	13,900	150	12	0.160	1.54	6.16	0.80	1.04	9.56	1.42	6.69	17.68
Paratill & Bed	6R-30	MFWD 225	20,100	150	12	0.136	1.30	5.22	0.98	0.88	8.40	1.74	5.66	15.81
Paratill & Bed	6R-38	MFWD 225	18,800	150	12	0.107	1.03	4.12	0.73	0.69	6.58	1.29	4.47	12.34
Paratill & Bed	8R-30	MFWD 225	28,100	150	12	0.102	0.98	3.91	1.03	0.66	6.59	1.83	4.24	12.68
Paratill & Bed	8R382X1	MFWD 225	69,100	150	12	0.053	0.51	2.06	1.34	0.34	4.26	2.37	2.23	8.87
Paratill & Bed Fold.	8R-38	MFWD 225	54,000	150	12	0.080	0.77	3.09	1.57	0.52	5.97	2.78	3.35	12.11
Paratill & Bed Fold.	12R-38	MFWD 225	69,100	150	12	0.053	0.51	2.06	1.34	0.34	4.26	2.37	2.23	8.87
Paratill & Bed Rigid	8R-38	MFWD 225	26,900	150	12	0.080	0.77	3.09	0.78	0.52	5.18	1.38	3.35	9.92
Pipe Drag	30'	2WD 150	500	100	12	0.051	0.49	1.32	0.00	0.21	2.04	0.02	1.29	3.36
Pipe Spool 160ac	1/4m roll	2WD 130	3,370	15	12	0.003	0.09	0.06	0.00	0.00	0.17	0.06	0.04	0.28
Pipe Trailer 1m/160a	30'	2WD 130	7,300	100	15	0.003	0.18	0.08	0.00	0.00	0.27	0.02	0.05	0.36
Plant & Pre Folding	8R-38	MFWD 170	41,800	150	8	0.080	1.54	2.32	1.25	0.36	5.48	2.45	2.31	10.24
Plant & Pre Folding	8R38 2x1	MFWD 170	66,100	150	8	0.053	1.02	1.54	1.32	0.24	4.13	2.58	1.53	8.25
Plant & Pre Folding	10R-30	MFWD 190	52,920	150	8	0.081	1.55	2.62	1.61	0.32	6.12	3.14	2.07	11.33
Plant & Pre Folding	10R-38	MFWD 190	48,258	150	8	0.064	1.22	2.07	1.15	0.25	4.71	2.25	1.63	8.60
Plant & Pre Folding	12R-20	MFWD 190	63,500	150	8	0.101	1.94	3.28	2.41	0.40	8.05	4.71	2.58	15.35
Plant & Pre Folding	12R-30	MFWD 190	67,900	150	8	0.067	1.29	2.19	1.72	0.26	5.48	3.35	1.72	10.56
Plant & Pre Folding	12R-38	MFWD 190	66,100	150	8	0.053	1.02	1.72	1.32	0.21	4.29	2.58	1.36	8.23
Plant & Pre Folding	16R-30	MFWD 190	88,300	150	8	0.050	0.97	1.64	1.68	0.20	4.50	3.27	1.29	9.07
Plant & Pre Folding	23R-15	MFWD 190	109,000	150	8	0.070	1.35	2.28	2.88	0.28	6.79	5.61	1.79	14.21
Plant & Pre Folding	24R-20	MFWD 190	122,000	150	8	0.050	0.97	1.64	2.32	0.20	5.14	4.52	1.29	10.96
Plant & Pre Folding	24R-30	MFWD 190	144,000	150	8	0.033	0.64	1.09	1.82	0.13	3.70	3.56	0.86	8.13
Plant & Pre Rigid	4R-30	2WD 130	24,500	150	8	0.203	3.89	4.49	1.86	0.52	10.78	3.63	3.19	17.61
Plant & Pre Rigid	4R-38	2WD 130	26,000	150	8	0.159	3.07	3.54	1.55	0.41	8.58	3.03	2.51	14.13
Plant & Pre Rigid	6R-30	MFWD 150	32,200	150	8	0.135	2.59	3.45	1.63	0.56	8.25	3.18	3.44	14.88
Plant & Pre Rigid	6R-38	MFWD 150	30,100	150	8	0.106	2.05	2.73	1.20	0.44	6.43	2.35	2.71	11.50
Plant & Pre Rigid	8R-22	MFWD 170	23,550	150	8	0.138	2.65	4.00	1.22	0.62	8.49	2.37	3.97	14.84
Plant & Pre Rigid	8R-30	MFWD 170	37,300	150	8	0.101	1.94	2.94	1.42	0.45	6.76	2.76	2.92	12.45
Plant & Pre Rigid	8R-38	MFWD 170	34,800	150	8	0.080	1.54	2.32	1.04	0.36	5.27	2.04	2.31	9.62
Plant & Pre Rigid	10R-30	MFWD 190	37,000	150	8	0.081	1.55	2.62	1.12	0.32	5.63	2.19	2.07	9.90
Plant & Pre Rigid	12R-20	MFWD 190	45,500	150	8	0.101	1.94	3.28	1.73	0.40	7.37	3.37	2.58	13.33
Plant & Pre Rigid	12R-30	MFWD 190	52,600	150	8	0.067	1.29	2.19	1.33	0.26	5.09	2.60	1.72	9.42
Plant - Folding	8R-38	MFWD 170	36,500	150	8	0.074	1.43	2.15	1.02	0.33	4.94	1.98	2.14	9.07
Plant - Folding	8R-38 2x1	MFWD 170	59,100	150	8	0.049	0.95	1.43	1.09	0.22	3.71	2.14	1.42	7.28
Plant - Folding	10R-30	MFWD 190	47,426	150	8	0.075	1.44	2.44	1.34	0.30	5.53	2.61	1.92	10.06
Plant - Folding	10R-38	MFWD 190	43,011	150	8	0.059	1.14	1.92	0.95	0.23	4.26	1.86	1.51	7.64
Plant - Folding	12R-20	MFWD 190	58,200	150	8	0.094	1.81	3.05	2.05	0.37	7.29	4.00	2.40	13.70
Plant - Folding	12R-30	MFWD 190	52,600	150	8	0.062	1.20	2.03	1.23	0.25	4.73	2.41	1.60	8.74
Plant - Folding	12R-38	MFWD 190	59,100	150	8	0.049	0.95	1.60	1.09	0.19	3.85	2.14	1.26	7.26
Plant - Folding	16R-30	MFWD 190	81,300	150	8	0.047	0.90	1.52	1.43	0.18	4.05	2.79	1.20	8.05
Plant - Folding	23R-15	MFWD 190	101,300	150	8	0.065	1.25	2.11	2.48	0.26	6.12	4.84	1.66	12.63
Plant - Folding	24R-20	MFWD 190	115,000	150	8	0.047	0.90	1.52	2.03	0.18	4.65	3.96	1.20	9.81
Plant - Folding	24R-30	MFWD 190	133,000	150	8	0.031	0.60	1.01	1.56	0.12	3.31	3.05	0.80	7.16
Plant - Rigid	4R-30	2WD 130	19,100	150	8	0.188	3.62	4.17	1.35	0.48	9.63	2.63	2.96	15.23
Plant - Rigid	4R-38	2WD 130	20,700	150	8	0.148	2.85	3.28	1.15	0.38	7.67	2.24	2.33	12.25
Plant - Rigid	6R-30	MFWD 150	26,900	150	8	0.125	2.41	3.21	1.26	0.52	7.41	2.47	3.19	13.08
Plant - Rigid	6R-38	MFWD 150	24,800	150	8	0.099	1.90	2.53	0.92	0.41	5.77	1.79	2.52	10.10
Plant - Rigid	8R-22	MFWD 170	18,473	150	8	0.127	2.45	3.70	0.88	0.57	7.62	1.72	3.68	13.03
Plant - Rigid	8R-30	MFWD 170	32,000	150	8	0.094	1.81	2.73	1.13	0.42	6.09	2.20	2.71	11.01
Plant - Rigid	8R-38	MFWD 170	29,500	150	8	0.074	1.43	2.15	0.82	0.33	4.74	1.60	2.14	8.50
Plant - Rigid	10R-30	MFWD 190	31,700	150	8	0.075	1.44	2.44	0.89	0.30	5.08	1.74	1.92	8.75
Plant - Rigid	12R-20	MFWD 190	40,200	150	8	0.094	1.81	3.05	1.42	0.37	6.65	2.76	2.40	11.83
Plant - Rigid	12R-30	MFWD 190	47,300	150	8	0.062	1.20	2.03	1.11	0.25	4.60	2.17	1.60	8.38
Plant - Rigid	15R-15	2WD 150	46,500	150	8	0.094	1.81	2.40	1.64	0.38	6.24	3.20	2.36	11.81
Pull Levee (1m/80a))	4 blade	2WD 50	3,180	100	10	0.003	0.03	0.03	0.00	0.00	0.06	0.01	0.01	0.09

Appendix Table 4. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre, Louisiana 2013.
(Continued)

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-----							
Rice Grain Cart	500 Bu	MFWD 190	25,100	200	12	0.057	0.54	1.84	0.38	0.22	3.01	0.68	1.45	5.15
Rice Grain Cart	700 Bu	MFWD 190	29,900	200	12	0.063	0.60	2.05	0.51	0.25	3.43	0.90	1.61	5.95
Roller	32'	MFWD 170	16,700	100	12	0.046	0.44	1.35	0.12	0.20	2.13	0.74	1.34	4.22
Rotary Cutter	7'	MFWD 130	4,230	185	10	0.168	1.61	3.72	0.57	0.53	6.45	0.41	3.25	10.12
Rotary Cutter	12'	2WD 150	12,000	185	10	0.098	0.94	2.50	0.95	0.40	4.81	0.68	2.46	7.95
Rotary Cutter	15'	MFWD 150	18,000	185	10	0.078	0.75	2.00	1.14	0.32	4.23	0.82	1.99	7.05
Row Cond & Inc	13'	2WD 130	12,500	100	10	0.137	1.98	3.05	0.43	0.35	5.82	1.85	2.17	9.85
Row Cond & Inc	21'	2WD 170	17,000	100	10	0.085	1.22	2.47	0.36	0.31	4.38	1.56	2.03	7.97
Row Cond & Inc	26'	MFWD 190	17,700	100	10	0.063	0.91	2.05	0.28	0.25	3.49	1.20	1.61	6.32
Row Cond & Inc	38'	MFWD 225	32,700	100	10	0.047	0.67	1.80	0.38	0.30	3.18	1.65	1.96	6.80
Row Cond & Inc	42'	MFWD 225	20,400	100	10	0.040	0.57	1.54	0.20	0.26	2.58	0.88	1.67	5.13
Row Cond (Harrow)	13'	2WD 130	7,120	100	10	0.114	1.10	2.54	0.20	0.29	4.14	0.87	1.80	6.83
Row Cond (Harrow)	21'	2WD 170	11,700	100	10	0.071	0.68	2.05	0.20	0.26	3.21	0.89	1.69	5.80
Row Cond (Harrow)	27'	MFWD 190	12,400	100	10	0.057	0.55	1.85	0.17	0.22	2.81	0.76	1.46	5.04
Row Cond (Harrow)	38'	MFWD 225	22,200	100	10	0.039	0.37	1.50	0.21	0.25	2.35	0.93	1.63	4.92
Row Cond (Harrow)	42'	MFWD 225	15,582	100	10	0.035	0.34	1.36	0.13	0.23	2.07	0.59	1.47	4.14
Row Cond (Plant)	13'	2WD 130	5,032	100	10	0.157	1.50	3.48	0.19	0.40	5.59	0.85	2.47	8.91
Row Cond (Plant)	21'	2WD 170	7,710	100	10	0.097	0.93	2.81	0.18	0.36	4.30	0.80	2.31	7.42
Row Cond (Plant)	27'	MFWD 190	9,476	100	10	0.078	0.75	2.54	0.18	0.31	3.79	0.80	2.00	6.60
Row Cond (Plant)	38'	MFWD 225	16,587	100	10	0.053	0.51	2.06	0.22	0.34	3.14	0.95	2.23	6.34
Row Cond (Plant)	42'	MFWD 225	15,582	100	10	0.048	0.46	1.86	0.18	0.31	2.83	0.81	2.02	5.67
RT Cult (Early)	8R-30	2WD 170	20,774	200	12	0.103	0.99	2.98	1.02	0.38	5.38	1.05	2.45	8.90
RT Cult (Early)	12R-30	2WD 190	29,998	200	12	0.068	0.66	2.22	0.98	0.30	4.18	1.02	1.96	7.16
RT Cult (Late)	8R-30	2WD 170	20,774	200	12	0.128	1.23	3.73	1.28	0.47	6.73	1.32	3.06	11.12
RT Cult (Late)	12R-30	2WD 190	29,998	200	12	0.085	0.82	2.78	1.23	0.38	5.22	1.27	2.45	8.95
RT Cult + PD (Early)	8R-30	2WD 150	26,264	200	12	0.110	1.58	2.81	1.38	0.45	6.22	1.42	2.75	10.41
RT Cult + PD (Early)	12R-30	MFWD 225	35,493	200	12	0.073	1.05	2.81	1.24	0.47	5.59	1.28	3.04	9.92
RT Cult + PD (Late)	8R-30	2WD 170	26,264	200	12	0.137	1.97	3.98	1.73	0.51	8.20	1.78	3.27	13.26
RT Cult + PD (Late)	12R-30	2WD 190	35,493	200	12	0.091	1.31	2.96	1.55	0.40	6.25	1.60	2.62	10.48
Spin Spreader	5 ton	MFWD 190	10,900	100	8	0.042	0.80	1.36	0.25	0.16	2.59	0.52	1.07	4.19
Spin Spreader	5 ton	MFWD 190	10,900	100	8	0.042	0.80	1.36	0.25	0.16	2.59	0.52	1.07	4.19
Spray (Band)	27'	MFWD 170	5,340	200	8	0.062	0.90	1.81	0.15	0.28	3.15	0.19	1.80	5.15
Spray (Band)	40'	MFWD 170	6,970	200	8	0.042	0.60	1.22	0.13	0.19	2.16	0.16	1.21	3.55
Spray (Band)	50'	MFWD 170	8,940	200	8	0.033	0.48	0.98	0.14	0.15	1.76	0.17	0.97	2.91
Spray (Band)	53'	MFWD 170	8,100	200	8	0.031	0.45	0.92	0.12	0.14	1.64	0.14	0.91	2.71
Spray (Band)	60'	MFWD 170	11,100	200	8	0.028	0.40	0.81	0.14	0.12	1.49	0.17	0.81	2.48
Spray (Bcast/HB)	13' Rigid	MFWD 150	5,600	200	8	0.130	1.87	3.32	0.34	0.54	6.08	0.41	3.31	9.81
Spray (Bcast/HB)	20' Rigid	2WD 50	6,610	200	8	0.084	1.21	0.72	0.26	0.05	2.25	0.32	0.33	2.90
Spray (Bcast/HB)	27' Fold	MFWD 170	11,300	200	8	0.062	0.90	1.81	0.33	0.28	3.33	0.40	1.80	5.54
Spray (Bcast/HB)	27' Rigid	MFWD 170	7,590	200	8	0.062	0.90	1.81	0.22	0.28	3.22	0.27	1.80	5.30
Spray (Bcast/HB)	30' Fold	MFWD 170	12,800	200	8	0.056	0.81	1.63	0.33	0.25	3.03	0.41	1.62	5.07
Spray (Bcast/HB)	40' Fold	MFWD 170	13,500	200	8	0.042	0.60	1.22	0.26	0.19	2.29	0.32	1.21	3.83
Spray (Bcast/HB/HD)	27'	MFWD 170	12,100	200	8	0.062	0.90	1.81	0.35	0.28	3.35	0.43	1.80	5.59
Spray (Bcast/HB/HD)	40'	MFWD 170	12,785	200	8	0.042	0.60	1.22	0.25	0.19	2.27	0.31	1.21	3.80
Spray (Broadcast)	27'	MFWD 170	5,340	200	8	0.062	0.90	1.81	0.15	0.28	3.15	0.19	1.80	5.15
Spray (Broadcast)	40'	MFWD 170	6,970	200	8	0.042	0.60	1.22	0.13	0.19	2.16	0.16	1.21	3.55
Spray (Broadcast)	50'	MFWD 170	8,940	200	8	0.033	0.48	0.98	0.14	0.15	1.76	0.17	0.97	2.91
Spray (Broadcast)	53'	MFWD 170	8,100	200	8	0.031	0.45	0.92	0.12	0.14	1.64	0.14	0.91	2.71
Spray (Broadcast)	60'	MFWD 170	11,100	200	8	0.028	0.40	0.81	0.14	0.12	1.49	0.17	0.81	2.48
Spray (Direct/Hood)	8R-30	MFWD 170	12,200	200	8	0.084	1.21	2.45	0.48	0.38	4.53	0.59	2.43	7.56
Spray (Direct/Hood)	8R-38	MFWD 170	13,400	200	8	0.066	0.96	1.93	0.42	0.30	3.62	0.51	1.92	6.06
Spray (Direct/Hood)	12R-30	MFWD 170	15,400	200	8	0.056	0.81	1.63	0.40	0.25	3.10	0.49	1.62	5.22
Spray (Direct/Hood)	12R-38	MFWD 170	15,700	200	8	0.044	0.64	1.28	0.32	0.20	2.45	0.40	1.28	4.14
Spray (Direct/Layby)	8R-30	MFWD 170	12,300	200	8	0.084	1.21	2.45	0.48	0.38	4.53	0.59	2.43	7.57
Spray (Direct/Layby)	8R-38	MFWD 170	12,300	200	8	0.066	0.96	1.93	0.38	0.30	3.58	0.47	1.92	5.98
Spray (Direct/Layby)	8R-38 2x1	MFWD 170	18,100	200	8	0.044	0.64	1.28	0.37	0.20	2.50	0.46	1.28	4.25
Spray (Direct/Layby)	10R-30	MFWD 170	12,200	200	8	0.067	0.97	1.96	0.38	0.30	3.62	0.47	1.94	6.04
Spray (Direct/Layby)	12R-30	MFWD 170	16,200	200	8	0.056	0.81	1.63	0.42	0.25	3.12	0.52	1.62	5.27
Spray (Direct/Layby)	12R-38	MFWD 170	18,100	200	8	0.044	0.64	1.28	0.37	0.20	2.50	0.46	1.28	4.25
Spray (Direct/Layby)	16R-20	MFWD 170	9,840	200	8	0.063	0.91	1.83	0.29	0.28	3.32	0.35	1.82	5.50
Spray (Spot)	27'	MFWD 170	5,340	200	8	0.062	0.90	1.81	0.15	0.28	3.15	0.19	1.80	5.15
Spray (Spot)	40'	MFWD 170	6,970	200	8	0.042	0.60	1.22	0.13	0.19	2.16	0.16	1.21	3.55
Spray (Spot)	50'	MFWD 170	8,940	200	8	0.033	0.48	0.98	0.14	0.15	1.76	0.17	0.97	2.91
Spray (Spot)	53'	MFWD 170	8,100	200	8	0.031	0.45	0.92	0.12	0.14	1.64	0.14	0.91	2.71
Spray (Spot)	60'	MFWD 170	11,100	200	8	0.028	0.40	0.81	0.14	0.12	1.49	0.17	0.81	2.48
Stalk Shredder	14'	MFWD 150	12,900	200	10	0.117	1.13	3.01	1.33	0.48	5.96	0.81	2.99	9.77
Stalk Shredder	20'	MFWD 150	30,500	200	10	0.082	0.79	2.10	2.20	0.34	5.44	1.35	2.09	8.89
Stalk Shredder-Flail	12'	MFWD 150	15,300	200	10	0.137	1.32	3.51	1.84	0.57	7.24	1.13	3.49	11.87
Stalk Shredder-Flail	20'	MFWD 150	25,600	200	10	0.082	0.79	2.10	1.84	0.34	5.09	1.13	2.09	8.32
Subsoiler	3 shank	MFWD 190	3,390	100	15	0.204	1.96	6.61	0.23	0.81	9.62	0.58	5.20	15.41
Subsoiler	4 shank	MFWD 225	7,610	100	15	0.153	1.47	5.88	0.38	0.99	8.75	0.98	6.38	16.12
Subsoiler	5 shank	MFWD 225	7,300	100	15	0.122	1.17	4.69	0.29	0.79	6.95	0.75	5.08	12.80
Subsoiler low-till	4 shank	MFWD 225	10,580	100	15	0.153	1.47	5.88	0.54	0.99	8.90	1.37	6.38	16.66
Subsoiler low-till	6 shank	MFWD 225	10,200	100	15	0.102	0.98	3.91	0.34	0.66	5.90	0.87	4.24	11.03
Subsoiler low-till	8 shank	MFWD 225	19,600	100	15	0.076	0.73	2.93	0.50	0.49	4.66	1.26	3.18	9.11
TerraTill Bed w/roll	4R-38	MFWD 225	14,300	150	12	0.160	1.54	6.16	0.83	1.04	9.58	1.47	6.69	17.74

Appendix Table 4. Implements: estimated purchase price, annual use, useful life, performance rate, (Continued) and direct and fixed cost per acre, Louisiana 2013.

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-----					
TerraTill Bed w/roll	6R-38	MFWD 225	19,400	150	12	0.107	1.03	4.12	0.75 0.69	6.60	1.33 4.47	12.41
TerraTill Bed w/roll	4R-30	MFWD 225	14,300	150	12	0.204	1.96	7.83	1.05 1.32	12.17	1.86 8.49	22.54
TerraTill Bed w/roll	6R-30	MFWD 225	15,310	150	12	0.136	1.30	5.22	0.75 0.88	8.16	1.33 5.66	15.16
Boll Buggy-1st Pick	2R38"157hp	MFWD 190	26,200	200	10	0.519	4.98	16.82	3.40 2.07	27.28	7.05 13.24	47.58
Boll Buggy-1st pick	4R2x1260hp	MFWD 190	26,200	200	10	0.172	1.65	5.57	1.12 0.68	9.04	2.33 4.39	15.77
Boll Buggy-1st pick	4R30"255hp	MFWD 190	26,200	200	10	0.327	3.14	10.59	2.14 1.30	17.18	4.44 8.34	29.97
Boll Buggy-1st pick	4R30"325hp	MFWD 190	26,200	200	10	0.327	3.14	10.59	2.14 1.30	17.18	4.44 8.34	29.97
Boll Buggy-1st pick	4R38"255hp	MFWD 190	26,200	200	10	0.257	2.47	8.34	1.68 1.02	13.53	3.49 6.57	23.60
Boll Buggy-1st pick	4R38"325hp	MFWD 190	26,200	200	10	0.257	2.47	8.34	1.68 1.02	13.53	3.49 6.57	23.60
Boll Buggy-1st pick	5R30"255hp	MFWD 190	26,200	200	10	0.261	2.51	8.47	1.71 1.04	13.75	3.55 6.67	23.98
Boll Buggy-1st pick	5R38"255hp	MFWD 190	26,200	200	10	0.207	1.98	6.70	1.35 0.82	10.87	2.81 5.28	18.97
Boll Buggy-1st pick	6R30"325hp	MFWD 190	26,200	200	10	0.218	2.09	7.06	1.42 0.86	11.45	2.96 5.56	19.98
Boll Buggy-1st pick	6R38"325hp	MFWD 190	26,200	200	10	0.172	1.65	5.57	1.12 0.68	9.04	2.33 4.39	15.77
Boll Buggy-2nd pick	2R38"157hp	MFWD 190	26,200	200	10	0.440	4.22	14.24	2.88 1.75	23.11	5.97 11.22	40.30
Boll Buggy-2nd pick	4R2x1260hp	MFWD 190	26,200	200	10	0.145	1.40	4.72	0.95 0.58	7.66	1.98 3.72	13.36
Boll Buggy-2nd pick	4R30"255hp	MFWD 190	26,200	200	10	0.277	2.66	8.97	1.81 1.10	14.56	3.76 7.06	25.39
Boll Buggy-2nd pick	4R30"325hp	MFWD 190	26,200	200	10	0.277	2.66	8.97	1.81 1.10	14.56	3.76 7.06	25.39
Boll Buggy-2nd pick	4R38 255hp	MFWD 190	26,200	200	10	0.218	2.09	7.06	1.43 0.86	11.46	2.96 5.56	19.99
Boll Buggy-2nd pick	4R38 325hp	MFWD 190	26,200	200	10	0.218	2.09	7.06	1.43 0.86	11.46	2.96 5.56	19.99
Boll Buggy-2nd pick	5R30"255hp	MFWD 190	26,200	200	10	0.221	2.12	7.18	1.45 0.88	11.64	3.01 5.65	20.31
Boll Buggy-2nd pick	5R38"255hp	MFWD 190	26,200	200	10	0.175	1.68	5.68	1.14 0.69	9.21	2.38 4.47	16.07
Boll Buggy-2nd pick	6R30"325hp	MFWD 190	26,200	200	10	0.184	1.77	5.98	1.21 0.73	9.70	2.50 4.71	16.92
Boll Buggy-2nd pick	6R38"325hp	MFWD 190	26,200	200	10	0.145	1.40	4.72	0.95 0.58	7.66	1.98 3.72	13.36
Boll Buggy-Stripper	13' Bcast	MFWD 150	26,200	200	10	0.251	2.41	6.43	1.64 1.04	11.54	3.41 6.40	21.37
Boll Buggy-Stripper	16' Bcast	MFWD 150	26,200	200	10	0.204	1.96	5.22	1.34 0.85	9.38	2.77 5.20	17.36
Boll Buggy-Stripper	19' Bcast	MFWD 150	26,200	200	10	0.172	1.65	4.40	1.12 0.71	7.90	2.33 4.38	14.62
Boll Buggy-Stripper	4R30"2X1Br	MFWD 150	26,200	200	10	0.218	2.09	5.57	1.42 0.90	10.00	2.96 5.55	18.52
Boll Buggy-Stripper	4R30"Brush	MFWD 150	26,200	200	10	0.327	3.14	8.36	2.14 1.36	15.01	4.44 8.32	27.78
Boll Buggy-Stripper	4R38"2X1Br	MFWD 150	26,200	200	10	0.172	1.65	4.40	1.12 0.71	7.90	2.33 4.38	14.62
Boll Buggy-Stripper	4R38"Brush	MFWD 150	26,200	200	10	0.257	2.47	6.58	1.68 1.07	11.82	3.49 6.55	21.87
Boll Buggy-Stripper	5R30"Brush	MFWD 150	26,200	200	10	0.261	2.51	6.69	1.71 1.08	12.01	3.55 6.66	22.22
Boll Buggy-Stripper	5R38"Brush	MFWD 150	26,200	200	10	0.207	1.98	5.29	1.35 0.86	9.50	2.81 5.27	17.58
Boll Buggy-Stripper	6R30"Brush	MFWD 150	26,200	200	10	0.218	2.09	5.57	1.42 0.90	10.00	2.96 5.55	18.52