
**2014
Projected
Commodity
Costs
And
Returns**

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

**Michael A. Deliberto, Brian M. Hilbun
and Michael E. Salassi**



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AND WHEAT, LOUISIANA, 2014**

by

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**Louisiana State University Agricultural Center
Louisiana Agricultural Experiment Station/Louisiana Cooperative Extension Service
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INTERNET ACCESS

This publication, along with 2014 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, 2014

by

Michael A. Deliberto, Brian M. Hilbun 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 2014. 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 2014 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 2014.

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 \$56 per acre compared to about \$99 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 2014 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 2014 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, 2014.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.26	33.0000	8.58	_____
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	3.30	2.8274	9.33	_____
Engine, RPF, 75	gal	3.30	8.5535	28.23	_____
REPAIR & MAINTENANCE					
Implements	Acre	0.41	1.0000	0.41	_____
Tractors	Acre	1.44	1.0000	1.44	_____
Well & Pump, Furrow	each	390.00	0.0062	2.44	_____
Engine, RPF, 75	ac-in	0.33	10.5000	3.54	_____
INTEREST ON OP. CAP.	Acre	0.74	1.0000	0.74	_____
TOTAL DIRECT EXPENSES				59.02	_____
FIXED EXPENSES					
Implements	Acre	1.05	1.0000	1.05	_____
Tractors	Acre	8.77	1.0000	8.77	_____
Well & Pump, Furrow	each	1095.88	0.0062	6.85	_____
Main Line Pipe	each	756.66	0.0062	4.73	_____
Land Forming (\$300)	each	26.30	1.0000	26.30	_____
Engine, RPF, 75	each	1160.82	0.0062	7.26	_____
TOTAL FIXED EXPENSES				54.96	_____
TOTAL SPECIFIED EXPENSES				113.98	_____

Table 2 Estimated costs per Acre
Center pivot irrigation system, 1/4 mile
applying 7.5 inches in three applications Louisiana, 2014.

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	3.30	11.2011	36.97	_____
REPAIR & MAINTENANCE					
Well & Pump, 1/4 CP	each	390.00	0.0074	2.89	_____
Engine, 1/4 CP, 65	ac-in	0.55	7.5000	4.20	_____
Pivot, 1/4 CP	1320'	1516.40	0.0074	11.23	_____
INTEREST ON OP. CAP.	Acre	0.81	1.0000	0.81	_____

TOTAL DIRECT EXPENSES				58.05	_____
FIXED EXPENSES					
Well & Pump, 1/4 CP	each	1095.88	0.0074	8.12	_____
Engine, 1/4 CP, 65	each	1160.82	0.0074	8.60	_____
Pivot, 1/4 CP	each	5828.74	0.0074	43.18	_____

TOTAL FIXED EXPENSES				59.90	_____

TOTAL SPECIFIED EXPENSES				117.95	_____

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 2014 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 2014 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, 2014.^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	950	Lbs. lint	760.00	519.99	240.41	100.31	620.30	139.70
Cotton, 8-row, B2/RRF, Irrigated	1100	Lbs lint	880.00	582.89	297.11	150.47	733.36	146.64
Cotton, 12-row, BGII/RRF, Irrigated	1100	Lbs. lint	880.00	560.17	319.83	151.24	711.41	168.59
Macon Ridge Area								
Cotton, 8-row, BGII/RRF, Irrigated,	1000	Lbs. lint	800.00	556.75	243.25	155.70	712.45	87.55

^ACotton lint price of \$0.80 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, 2014.^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	440.00	304.00	136.00	29.05	333.05	106.95
Soybeans, 8-row, RR, Irrigated	50	bu	550.00	350.87	199.13	83.80	434.67	115.33
Soybeans, 12-20"-row, RR	40	bu	440.00	301.41	138.59	27.80	329.21	110.79
Soybeans, 12-20"-row, RR, Irrigated	50	bu	550.00	349.83	200.17	83.75	433.58	116.42
Macon Ridge Area								
Soybeans, 8-row, Irrigated	45	bu	495.00	333.87	161.13	84.24	418.11	76.89

^ASoybean price of \$11.00 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, 2014.^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	660.00	450.36	209.64	35.72	486.08	173.92
Corn grain, 8-row, RR, Irrigated	180	bu	792.00	536.41	255.59	90.97	627.38	164.62
Corn grain, 8-row, BtRR, Dryland	150	bu	660.00	438.07	221.93	35.72	473.79	186.21
Corn grain, 8-row, BtRR, Irrigated	180	bu	792.00	535.12	256.88	90.68	625.80	166.20
Grain sorghum, 8-row,	100	bu	400.00	289.95	110.05	26.75	316.70	83.30
Wheat, 8-row, Drilled	60	bu	360.00	217.37	142.63	26.22	243.59	116.41
Soybean-Wheat (dbl. crop), Owner	45 + 50	bu	795.00	546.79	248.21	103.20	649.99	145.01

^A Crop prices used were: \$4.40 per bushel for corn, \$4.00 per bushel for grain sorghum, \$6.00 per bushel for wheat, and of \$11.00 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, 2014.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (3 gal)	appl	5.00	5.0000	25.00	_____
App by Air (5 gal)	appl	6.00	1.0000	6.00	_____
HARVEST AIDS					
Dropp SC	oz	1.09	1.2000	1.31	_____
Prep	pt	4.00	1.3300	5.32	_____
Def/Folex	pt	8.63	0.7500	6.47	_____
FERTILIZERS					
LA Phosphate	lb	0.50	60.0000	30.00	_____
LA Potash	lb	0.37	60.0000	22.20	_____
LA Nitrogen	lb	0.50	90.0000	45.00	_____
HERBICIDES					
Roundup WeatherMax	oz	0.25	88.0000	22.00	_____
2,4-D Amine 4	pt	2.25	1.0000	2.25	_____
Valor WP	oz	4.23	1.5000	6.35	_____
Cotoran 4L	pt	5.80	1.2000	6.96	_____
Dual II Magnum	pt	14.50	1.0000	14.50	_____
Layby Pro	qt	12.60	1.0000	12.60	_____
INSECTICIDES					
Ammo 2.5 EC	oz	0.92	1.2800	1.18	_____
Dimethoate 4E	pt	6.24	0.4000	2.50	_____
Centric 40WG	oz	4.70	4.0000	18.80	_____
Karate Z	oz	3.40	6.3900	21.73	_____
Orthene 90S	lb	5.75	1.1500	6.61	_____
Diamond .83EC	pt	16.28	0.7500	12.21	_____
Bidrin 8L	oz	0.98	12.0000	11.76	_____
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	0.15	16.0000	2.40	_____
SERVICE FEE					
Crop Consultant	acre	7.00	1.0000	7.00	_____
Cotton Checkoff	bale	2.56	1.9800	5.07	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	48.00	0.3300	15.84	_____
OPERATOR LABOR					
Self-Propelled	hour	12.50	0.2428	3.03	_____
HAND LABOR					
Self-Propelled	hour	9.60	0.2075	1.97	_____
LA Hired Labor					
Implements	hour	9.60	0.3636	3.48	_____
Tractors	hour	9.60	1.0916	10.48	_____
DIESEL FUEL					
Tractors	gal	3.30	10.1428	33.47	_____
Self-Propelled	gal	3.30	3.8741	12.79	_____
REPAIR & MAINTENANCE					
Implements	Acre	9.47	1.0000	9.47	_____
Tractors	Acre	5.29	1.0000	5.29	_____
Self-Propelled	Acre	13.51	1.0000	13.51	_____
INTEREST ON OP. CAP.	Acre	8.16	1.0000	8.16	_____
TOTAL DIRECT EXPENSES				519.99	_____
FIXED EXPENSES					
Implements	Acre	14.89	1.0000	14.89	_____
Tractors	Acre	32.00	1.0000	32.00	_____
Self-Propelled	Acre	53.42	1.0000	53.42	_____
TOTAL FIXED EXPENSES				100.31	_____
TOTAL SPECIFIED EXPENSES				620.30	_____

Table 6.B Estimated resource use and costs for field operations, per Acre
 B2/RRFlex Cotton, 8-Row Equipment, Dryland
 Alluvial Soil, Louisiana, 2014.

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	1.81	1.48	0.06	0.15	0.04	0.47				3.97
Paratill & Bed Fold.	8R-38	MFWD 225	0.080	0.50	Nov	1.82	1.68	0.79	1.32	0.04	0.39				6.00
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Nov	2.90	2.37	0.78	0.85	0.11	1.12				8.02
LA Phosphate	lb											60.0000	0.50	30.00	30.00
LA Potash	lb											60.0000	0.37	22.20	22.20
Lime (Spread)	ton			0.33	Nov							0.3300	48.00	15.84	15.84
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Nov	2.76	2.26	0.30	0.76	0.07	0.71				6.79
Row Cond (Harrow)	27'	MFWD 190	0.057	1.00	Nov	2.14	1.75	0.18	0.73	0.05	0.55				5.35
Roller	32'	MFWD 170	0.046	1.00	Nov	1.57	1.32	0.14	0.74	0.04	0.45				4.22
Ditcher		2WD 130	0.020	1.00	Nov	0.50	0.35	0.04	0.05	0.02	0.19				1.13
Sprayer (600-750Gal)	60'		0.017	1.00	Mar	0.76	1.04			0.02	0.30				2.10
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
2,4-D Amine 4	pt											1.0000	2.25	2.25	2.25
Valor WP	oz											1.5000	4.23	6.35	6.35
Plant & Pre Folding	8R-38	MFWD 170	0.080	1.00	Apr	2.69	2.26	1.31	2.41	0.16	1.54				10.21
Cotoran 4L	pt											1.2000	5.80	6.96	6.96
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	0.50	0.35	0.04	0.05	0.02	0.19				1.13
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.90	2.37	0.78	0.85	0.11	1.12				8.02
LA Nitrogen	lb											90.0000	0.50	45.00	45.00
Sprayer (600-750Gal)	60'		0.017	1.00	May	0.76	1.04			0.02	0.30				2.10
Dimethoate 4E	pt											0.4000	6.24	2.50	2.50
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Dual II Magnum	pt											1.0000	14.50	14.50	14.50
Sprayer (600-750Gal)	60'		0.017	1.00	May	0.76	1.04			0.02	0.30				2.10
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Centric 40WG	oz											2.0000	4.70	9.40	9.40
Sprayer (600-750Gal)	60'		0.017	1.00	Jun	0.76	1.04			0.02	0.30				2.10
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
App by Air (3 gal)	appl			1.00	Jun							1.0000	5.00	5.00	5.00
Centric 40WG	oz											2.0000	4.70	9.40	9.40
Pix Plus	oz											4.0000	0.15	0.60	0.60
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jun	2.24	1.89	0.40	0.47	0.10	0.96				5.96
Layby Pro	qt											1.0000	12.60	12.60	12.60
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	5.00	5.00	5.00
Karate Z	oz											2.1300	3.40	7.24	7.24
Orthene 90S	lb											0.6000	5.75	3.45	3.45
Diamond .83EC	pt											0.3750	16.28	6.11	6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	5.00	5.00	5.00
Karate Z	oz											2.1300	3.40	7.24	7.24
Bidrin 8L	oz											6.0000	0.98	5.88	5.88
Pix Plus	oz											12.0000	0.15	1.80	1.80
App by Air (3 gal)	appl			1.00	Aug							1.0000	5.00	5.00	5.00
Bidrin 8L	oz											6.0000	0.98	5.88	5.88
Diamond .83EC	pt											0.3750	16.28	6.11	6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	5.00	5.00	5.00
Orthene 90S	lb											0.5500	5.75	3.16	3.16
Karate Z	oz											2.1300	3.40	7.24	7.24
App by Air (5 gal)	appl			1.00	Sep							1.0000	6.00	6.00	6.00
Dropp SC	oz											1.2000	1.09	1.31	1.31
Prep	pt											1.3300	4.00	5.32	5.32
Def/Folex	pt											0.7500	8.63	6.47	6.47
Cotton Picker-1st-BB	6R38"330hp		0.172	1.00	Sep	23.26	49.26			0.34	3.80				76.32
Module Builder-1st	6R-38(325)	MFWD 190	0.172	1.00	Sep	6.42	5.25	1.44	2.83	0.34	3.30				19.24
Boll Buggy-1st pick	6R38"325hp	MFWD 190	0.172	1.00	Sep	6.42	5.25	1.31	2.57	0.17	1.65				17.20
Stalk Shredder-Flail	12'	MFWD 150	0.137	1.00	Nov	4.09	3.42	1.90	1.11	0.13	1.32				11.84
Crop Consultant	acre			1.00	Nov							1.0000	7.00	7.00	7.00
Cotton Checkoff	bale			1.00	Nov							1.9800	2.56	5.07	5.07
TOTALS						65.06	85.42	9.47	14.89	1.90	18.96			418.34	612.14
INTEREST ON OPERATING CAPITAL															8.16
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															620.30

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, 2014.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.27	0.29	0.31	0.34	0.37	0.41	0.46	0.51	0.59	0.69	0.83
PERCENT	YIELD	UNIT	-----dollars-----										
50	475.00	lb	-263	-253	-243	-230	-215	-197	-175	-148	-112	-65	0
			-363	-354	-343	-330	-315	-297	-275	-248	-213	-166	-100
60	570.00	lb	-236	-225	-212	-197	-179	-157	-131	-98	-56	0	78
			-337	-326	-312	-297	-279	-258	-231	-199	-156	-100	-21
70	665.00	lb	-210	-197	-182	-164	-143	-118	-87	-49	0	65	157
			-310	-297	-282	-264	-243	-218	-188	-149	-100	-34	57
80	760.00	lb	-184	-169	-151	-131	-107	-78	-43	0	56	131	236
			-284	-269	-252	-231	-208	-179	-144	-100	-43	31	136
90	855.00	lb	-157	-141	-121	-98	-71	-39	0	49	112	197	315
			-258	-241	-221	-199	-172	-139	-100	-50	12	97	215
100	950.00	lb	-131	-112	-91	-65	-35	0	43	98	169	263	394
			-231	-213	-191	-166	-136	-100	-56	-1	68	163	294
110	1045.00	lb	-105	-84	-60	-32	0	39	87	148	225	329	473
			-205	-184	-161	-133	-100	-60	-12	47	125	228	373
120	1140.00	lb	-78	-56	-30	0	35	78	131	197	282	394	552
			-179	-156	-130	-100	-64	-21	31	97	181	294	452
130	1235.00	lb	-52	-28	0	32	71	118	175	246	338	460	631
			-152	-128	-100	-67	-28	18	75	146	238	360	531
140	1330.00	lb	-26	0	30	65	107	157	219	296	394	526	710
			-126	-100	-69	-34	7	57	119	195	294	426	610
150	1425.00	lb	0	28	60	98	143	197	263	345	451	592	789
			-100	-72	-39	-1	43	97	163	245	351	492	689

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, 2014.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.34	0.37	0.40	0.43	0.47	0.52	0.57	0.65	0.74	0.86	1.04
PERCENT	YIELD	UNIT	-----dollars-----										
50	475.00	lb	-229	-218	-204	-188	-169	-147	-119	-85	-41	17	100
			-330	-318	-304	-288	-270	-247	-220	-185	-141	-82	0
60	570.00	lb	-196	-182	-166	-147	-124	-97	-64	-23	29	100	199
			-297	-283	-266	-247	-225	-198	-165	-123	-70	0	99
70	665.00	lb	-163	-147	-128	-106	-79	-48	-9	38	100	182	298
			-264	-247	-228	-206	-180	-148	-110	-61	0	82	198
80	760.00	lb	-130	-111	-90	-64	-34	1	45	100	171	265	397
			-231	-212	-190	-165	-135	-99	-55	0	70	165	297
90	855.00	lb	-97	-76	-52	-23	10	50	100	162	241	347	496
			-198	-176	-152	-123	-90	-49	0	61	141	247	396
100	950.00	lb	-64	-41	-13	17	55	100	155	224	312	430	595
			-165	-141	-114	-82	-45	0	55	123	212	330	495
110	1045.00	lb	-31	-5	24	59	100	149	210	286	383	513	694
			-132	-106	-76	-41	0	49	110	185	283	412	594
120	1140.00	lb	1	29	62	100	145	199	265	347	454	595	793
			-99	-70	-38	0	45	99	165	247	353	495	693
130	1235.00	lb	34	64	100	141	190	248	320	409	524	678	892
			-66	-35	0	41	90	148	220	309	424	577	792
140	1330.00	lb	67	100	138	182	235	298	375	471	595	760	991
			-33	0	38	82	135	198	275	371	495	660	891
150	1425.00	lb	100	135	176	224	280	347	430	533	666	843	1090
			0	35	76	123	180	247	330	433	566	742	990

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, 2014.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (3 gal)	appl	5.00	5.0000	25.00	_____
App by Air (5 gal)	appl	6.00	1.0000	6.00	_____
HARVEST AIDS					
Dropp SC	oz	1.09	1.2000	1.31	_____
Prep	pt	4.00	1.3300	5.32	_____
Def/Folex	pt	8.63	0.7500	6.47	_____
FERTILIZERS					
LA Phosphate	lb	0.50	60.0000	30.00	_____
LA Potash	lb	0.37	60.0000	22.20	_____
LA Nitrogen	lb	0.50	90.0000	45.00	_____
HERBICIDES					
Roundup WeatherMax	oz	0.25	88.0000	22.00	_____
2,4-D Amine 4	pt	2.25	1.0000	2.25	_____
Valor WP	oz	4.23	1.5000	6.35	_____
Cotoran 4L	pt	5.80	1.2000	6.96	_____
Dual II Magnum	pt	14.50	1.0000	14.50	_____
Layby Pro	qt	12.60	1.0000	12.60	_____
INSECTICIDES					
Ammo 2.5 EC	oz	0.92	1.2800	1.18	_____
Dimethoate 4E	pt	6.24	0.4000	2.50	_____
Orthene 90S	lb	5.75	1.8000	10.35	_____
Centric 40WG	oz	4.70	4.0000	18.80	_____
Karate Z	oz	3.40	6.3900	21.73	_____
Bidrin 8L	oz	0.98	12.0000	11.76	_____
Diamond .83EC	pt	16.28	0.7500	12.21	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.26	33.0000	8.58	_____
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	0.15	24.0000	3.60	_____
SERVICE FEE					
Crop Consultant	acre	7.00	1.0000	7.00	_____
Cotton Checkoff	bale	2.56	2.2900	5.86	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	48.00	0.3300	15.84	_____
OPERATOR LABOR					
Self-Propelled	hour	12.50	0.2428	3.03	_____
IRRIGATION LABOR					
Implements	hour	9.60	0.0062	0.06	_____
HAND LABOR					
Self-Propelled	hour	9.60	0.2075	1.97	_____
LA Hired Labor					
Implements	hour	9.60	0.3636	3.48	_____
Tractors	hour	9.60	1.3665	13.12	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
DIESEL FUEL					
Tractors	gal	3.30	12.8637	42.45	_____
Self-Propelled	gal	3.30	3.8293	12.64	_____
Roll-Out Pipe Irr.	gal	3.30	8.5535	28.23	_____
REPAIR & MAINTENANCE					
Implements	Acre	10.00	1.0000	10.00	_____
Tractors	Acre	6.71	1.0000	6.71	_____
Self-Propelled	Acre	12.19	1.0000	12.19	_____
Roll-Out Pipe Irr.	Acre	5.98	1.0000	5.98	_____
INTEREST ON OP. CAP.	Acre	8.94	1.0000	8.94	_____
TOTAL DIRECT EXPENSES				582.89	_____
FIXED EXPENSES					
Implements	Acre	16.31	1.0000	16.31	_____
Tractors	Acre	40.65	1.0000	40.65	_____
Self-Propelled	Acre	48.37	1.0000	48.37	_____
Roll-Out Pipe Irr.	Acre	45.14	1.0000	45.14	_____
TOTAL FIXED EXPENSES				150.47	_____
TOTAL SPECIFIED EXPENSES				733.36	_____

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, 2014.

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	1.81	1.48	0.06	0.15	0.04	0.47				3.97
Paratill & Bed Fold.	8R-38	MFWD 225	0.080	0.50	Nov	1.82	1.68	0.79	1.32	0.04	0.39				6.00
Lime (Spread)	ton			0.33	Nov							0.3300	48.00	15.84	15.84
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Nov	2.90	2.37	0.78	0.85	0.11	1.12				8.02
LA Phosphate	lb											60.0000	0.50	30.00	30.00
LA Potash	lb											60.0000	0.37	22.20	22.20
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Nov	2.76	2.26	0.38	0.97	0.07	0.71				7.08
Row Cond (Harrow)	38'	MFWD 225	0.039	1.00	Nov	1.77	1.63	0.22	0.89	0.03	0.38				4.89
Roller	32'	MFWD 170	0.046	1.00	Nov	1.57	1.32	0.14	0.74	0.04	0.45				4.22
Ditcher		2WD 130	0.020	1.00	Nov	0.50	0.35	0.04	0.05	0.02	0.19				1.13
Sprayer(600-750Gal)	60'		0.017	1.00	Mar	0.76	1.04			0.02	0.30				2.10
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
2,4-D Amine 4	pt											1.0000	2.25	2.25	2.25
Valor WP	oz											1.5000	4.23	6.35	6.35
Plant & Pre Folding	8R-38	MFWD 170	0.080	1.00	Apr	2.69	2.26	1.31	2.41	0.16	1.54				10.21
Cotoran 4L	pt											1.2000	5.80	6.96	6.96
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	0.50	0.35	0.04	0.05	0.02	0.19				1.13
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.90	2.37	0.78	0.85	0.11	1.12				8.02
LA Nitrogen	lb											90.0000	0.50	45.00	45.00
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.76	1.04			0.02	0.30				2.10
Dimethoate 4E	pt											0.4000	6.24	2.50	2.50
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Dual II Magnum	pt											1.0000	14.50	14.50	14.50
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.76	1.04			0.02	0.30				2.10
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Sprayer(600-750Gal)	60'		0.017	1.00	Jun	0.76	1.04			0.02	0.30				2.10
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Orthene 90S	lb											0.6000	5.75	3.45	3.45
Centric 40WG	oz											2.0000	4.70	9.40	9.40
App by Air (3 gal)	appl			1.00	Jun							1.0000	5.00	5.00	5.00
Centric 40WG	oz											2.0000	4.70	9.40	9.40
Pix Plus	oz											12.0000	0.15	1.80	1.80
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jun	2.24	1.89	0.40	0.47	0.10	0.96				5.96
Layby Pro	qt											1.0000	12.60	12.60	12.60
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	5.00	5.00	5.00
Karate Z	oz											2.1300	3.40	7.24	7.24
Bidrin 8L	oz											6.0000	0.98	5.88	5.88
Pix Plus	oz											12.0000	0.15	1.80	1.80
App by Air (3 gal)	appl			1.00	Aug							1.0000	5.00	5.00	5.00
Karate Z	oz											2.1300	3.40	7.24	7.24
Bidrin 8L	oz											6.0000	0.98	5.88	5.88
Diamond .83EC	pt											0.3750	16.28	6.11	6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	5.00	5.00	5.00
Orthene 90S	lb											0.6000	5.75	3.45	3.45
Karate Z	oz											2.1300	3.40	7.24	7.24
Diamond .83EC	pt											0.3750	16.28	6.11	6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	5.00	5.00	5.00
Orthene 90S	lb											0.6000	5.75	3.45	3.45
App by Air (5 gal)	appl			1.00	Sep							1.0000	6.00	6.00	6.00
Dropp SC	oz											1.2000	1.09	1.31	1.31
Prep	pt											1.3300	4.00	5.32	5.32
Def/Folex	pt											0.7500	8.63	6.47	6.47
Cotton Picker-1st-Tr	6R38"330hp		0.172	1.00	Sep	21.79	44.21			0.34	3.80				69.80
Module Builder-1st	6R-38(325)	MFWD 190	0.172	1.00	Sep	6.42	5.25	1.44	2.83	0.34	3.30				19.24
Boll Buggy-1st pick	6R38"325hp	MFWD 190	0.172	1.00	Sep	6.42	5.25	1.31	2.57	0.17	1.65				17.20
Stalk Shredder-Flail	12'	MFWD 150	0.137	1.00	Nov	4.09	3.42	1.90	1.11	0.13	1.32				11.84
Crop Consultant	acre			1.00	Nov							1.0000	7.00	7.00	7.00
Cotton Checkoff	bale			1.00	Nov							2.2900	2.56	5.86	5.86
Roll-Out Pipe Irr.	Acre				Jul	10.77	8.77	34.62	46.19	0.44	4.31	1.0000		8.58	113.24
TOTALS						73.99	89.02	44.21	61.45	2.33	23.10			432.65	724.42
INTEREST ON OPERATING CAPITAL															8.94
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															733.36

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, 2014.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.25	0.27	0.29	0.32	0.34	0.38	0.42	0.48	0.54	0.64	0.76
PERCENT	YIELD	UNIT	-----dollars-----										
50	550.00	lb	-281	-271	-260	-246	-230	-211	-187	-158	-120	-70	0
			-432	-422	-410	-397	-381	-361	-338	-309	-271	-220	-150
60	660.00	lb	-253	-241	-227	-211	-192	-169	-140	-105	-60	0	84
			-404	-392	-378	-361	-342	-319	-291	-256	-210	-150	-65
70	770.00	lb	-225	-211	-195	-176	-153	-126	-93	-52	0	70	169
			-376	-361	-345	-326	-304	-277	-244	-203	-150	-79	18
80	880.00	lb	-197	-181	-162	-140	-115	-84	-46	0	60	140	253
			-347	-331	-313	-291	-265	-235	-197	-150	-90	-9	103
90	990.00	lb	-169	-151	-130	-105	-76	-42	0	52	120	211	338
			-319	-301	-280	-256	-227	-192	-150	-97	-29	60	187
100	1100.00	lb	-140	-120	-97	-70	-38	0	46	105	181	281	422
			-291	-271	-248	-220	-188	-150	-103	-44	30	131	272
110	1210.00	lb	-112	-90	-65	-35	0	42	93	158	241	352	507
			-263	-241	-215	-185	-150	-108	-56	8	91	201	356
120	1320.00	lb	-84	-60	-32	0	38	84	140	211	302	422	592
			-235	-210	-183	-150	-112	-65	-9	60	151	272	441
130	1430.00	lb	-56	-30	0	35	76	126	187	264	362	493	676
			-206	-180	-150	-115	-73	-23	37	113	212	342	526
140	1540.00	lb	-28	0	32	70	115	169	234	317	422	563	761
			-178	-150	-117	-79	-35	18	84	166	272	413	610
150	1650.00	lb	0	30	65	105	153	211	281	370	483	634	845
			-150	-120	-85	-44	3	60	131	219	332	483	695

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, 2014.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.34	0.37	0.40	0.43	0.47	0.52	0.57	0.65	0.74	0.86	1.04
PERCENT	YIELD	UNIT	-----dollars-----										
50	550.00	lb	-231	-218	-202	-183	-162	-136	-104	-64	-13	54	150
			-382	-368	-352	-334	-312	-286	-254	-215	-163	-95	0
60	660.00	lb	-193	-177	-158	-136	-110	-78	-40	7	68	150	265
			-344	-327	-308	-286	-260	-229	-191	-143	-81	0	114
70	770.00	lb	-155	-136	-114	-88	-58	-21	23	78	150	246	379
			-305	-286	-264	-238	-208	-172	-127	-71	0	95	229
80	880.00	lb	-117	-95	-70	-40	-5	35	86	150	232	341	494
			-267	-245	-220	-191	-156	-114	-63	0	81	191	344
90	990.00	lb	-78	-54	-25	7	46	93	150	222	314	437	609
			-229	-204	-176	-143	-104	-57	0	71	163	286	458
100	1100.00	lb	-40	-13	18	54	98	150	214	293	396	532	723
			-191	-163	-132	-95	-52	0	63	143	245	382	573
110	1210.00	lb	-2	27	62	102	150	207	277	365	478	628	838
			-152	-122	-88	-47	0	57	127	215	327	477	688
120	1320.00	lb	35	68	106	150	202	265	341	437	560	723	953
			-114	-81	-44	0	52	114	191	286	409	573	802
130	1430.00	lb	74	109	150	198	254	322	405	508	641	819	1067
			-76	-40	0	47	104	172	254	358	491	668	917
140	1540.00	lb	112	150	194	246	306	379	469	580	723	914	1182
			-38	0	44	95	156	229	318	430	573	764	1032
150	1650.00	lb	150	191	238	293	358	437	532	652	805	1010	1297
			0	40	88	143	208	286	382	501	655	860	1146

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, 2014.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (3 gal)	appl	5.00	5.0000	25.00	_____
App by Air (5 gal)	appl	6.00	1.0000	6.00	_____
HARVEST AIDS					
Dropp SC	oz	1.09	1.2000	1.31	_____
Prep	pt	4.00	1.3300	5.32	_____
Def/Folex	pt	8.63	0.7500	6.47	_____
FERTILIZERS					
LA Phosphate	lb	0.50	50.0000	25.00	_____
LA Potash	lb	0.37	60.0000	22.20	_____
LA Nitrogen	lb	0.50	90.0000	45.00	_____
HERBICIDES					
Roundup WeatherMax	oz	0.25	88.0000	22.00	_____
2,4-D Amine 4	pt	2.25	1.0000	2.25	_____
Valor WP	oz	4.23	1.5000	6.35	_____
Cotoran 4L	pt	5.80	1.2000	6.96	_____
Dual II Magnum	pt	14.50	1.0000	14.50	_____
Layby Pro	qt	12.60	1.0000	12.60	_____
INSECTICIDES					
Ammo 2.5 EC	oz	0.92	1.2800	1.18	_____
Dimethoate 4E	pt	6.24	0.4000	2.50	_____
Orthene 90S	lb	5.75	1.8000	10.35	_____
Centric 40WG	oz	4.70	4.0000	18.80	_____
Karate Z	oz	3.40	6.3900	21.73	_____
Bidrin 8L	oz	0.98	12.0000	11.76	_____
Diamond .83EC	pt	16.28	0.3750	6.11	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.26	33.0000	8.58	_____
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	0.15	24.0000	3.60	_____
SERVICE FEE					
Crop Consultant	acre	7.00	1.0000	7.00	_____
Cotton Checkoff	bale	2.56	2.0800	5.32	_____
OPERATOR LABOR					
Self-Propelled	hour	12.50	0.2428	3.03	_____
IRRIGATION LABOR					
Implements	hour	9.60	0.0062	0.06	_____
HAND LABOR					
Self-Propelled	hour	9.60	0.2075	1.97	_____
LA Hired Labor					
Implements	hour	9.60	0.3636	3.48	_____
Tractors	hour	9.60	1.3594	13.04	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
DIESEL FUEL					
Tractors	gal	3.30	12.8904	42.54	_____
Self-Propelled	gal	3.30	3.8741	12.79	_____
Roll-Out Pipe Irr.	gal	3.30	8.5535	28.23	_____
REPAIR & MAINTENANCE					
Implements	Acre	9.99	1.0000	9.99	_____
Tractors	Acre	6.69	1.0000	6.69	_____
Self-Propelled	Acre	13.51	1.0000	13.51	_____
Roll-Out Pipe Irr.	Acre	5.98	1.0000	5.98	_____
INTEREST ON OP. CAP.	Acre	8.84	1.0000	8.84	_____

TOTAL DIRECT EXPENSES				556.75	_____
FIXED EXPENSES					
Implements	Acre	16.51	1.0000	16.51	_____
Tractors	Acre	40.63	1.0000	40.63	_____
Self-Propelled	Acre	53.42	1.0000	53.42	_____
Roll-Out Pipe Irr.	Acre	45.14	1.0000	45.14	_____

TOTAL FIXED EXPENSES				155.70	_____

TOTAL SPECIFIED EXPENSES				712.45	_____

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, 2014.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	28'	MFWD 225	0.070	1.00	Sep	3.16	2.91	0.82	1.68	0.07	0.67				9.24
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.81	1.48	0.06	0.15	0.04	0.47				3.97
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Nov	2.90	2.37	0.78	0.85	0.11	1.12				8.02
LA Phosphate	lb											50.0000	0.50	25.00	25.00
LA Potash	lb											60.0000	0.37	22.20	22.20
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Nov	2.76	2.26	0.38	0.97	0.07	0.71				7.08
Row Cond (Harrow)	27'	MFWD 190	0.057	1.00	Nov	2.14	1.75	0.18	0.73	0.05	0.55				5.35
Roller	32'	MFWD 170	0.046	1.00	Nov	1.57	1.32	0.14	0.74	0.04	0.45				4.22
Ditcher		2WD 130	0.020	1.00	Nov	0.50	0.35	0.04	0.05	0.02	0.19				1.13
Sprayer(600-750Gal)	60'		0.017	1.00	Mar	0.76	1.04			0.02	0.30				2.10
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
2,4-D Amine 4	pt											1.0000	2.25	2.25	2.25
Valor WP	oz											1.5000	4.23	6.35	6.35
Plant & Pre Folding	8R-38	MFWD 170	0.080	1.00	Apr	2.69	2.26	1.31	2.41	0.16	1.54				10.21
Cotoran 4L	pt											1.2000	5.80	6.96	6.96
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	0.50	0.35	0.04	0.05	0.02	0.19				1.13
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.90	2.37	0.78	0.85	0.11	1.12				8.02
LA Nitrogen	lb											90.0000	0.50	45.00	45.00
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.76	1.04			0.02	0.30				2.10
Dimethoate 4E	pt											0.4000	6.24	2.50	2.50
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Dual II Magnum	pt											1.0000	14.50	14.50	14.50
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.76	1.04			0.02	0.30				2.10
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Sprayer(600-750Gal)	60'		0.017	1.00	Jun	0.76	1.04			0.02	0.30				2.10
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Orthene 90S	lb											0.6000	5.75	3.45	3.45
Centric 40WG	oz											2.0000	4.70	9.40	9.40
App by Air (3 gal)	appl			1.00	Jun							1.0000	5.00	5.00	5.00
Centric 40WG	oz											2.0000	4.70	9.40	9.40
Pix Plus	oz											12.0000	0.15	1.80	1.80
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jun	2.24	1.89	0.40	0.47	0.10	0.96				5.96
Layby Pro	qt											1.0000	12.60	12.60	12.60
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	5.00	5.00	5.00
Karate Z	oz											2.1300	3.40	7.24	7.24
Bidrin 8L	oz											6.0000	0.98	5.88	5.88
Pix Plus	oz											12.0000	0.15	1.80	1.80
App by Air (3 gal)	appl			1.00	Aug							1.0000	5.00	5.00	5.00
Karate Z	oz											2.1300	3.40	7.24	7.24
Bidrin 8L	oz											6.0000	0.98	5.88	5.88
Diamond .83EC	pt											0.3750	16.28	6.11	6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	5.00	5.00	5.00
Orthene 90S	lb											0.6000	5.75	3.45	3.45
Karate Z	oz											2.1300	3.40	7.24	7.24
App by Air (3 gal)	appl			1.00	Aug							1.0000	5.00	5.00	5.00
Orthene 90S	lb											0.6000	5.75	3.45	3.45
App by Air (5 gal)	appl			1.00	Sep							1.0000	6.00	6.00	6.00
Dropp SC	oz											1.2000	1.09	1.31	1.31
Prep	pt											1.3300	4.00	5.32	5.32
Def/Folex	pt											0.7500	8.63	6.47	6.47
Cotton Picker-1st-BB	6R38*330hp		0.172	1.00	Sep	23.26	49.26			0.34	3.80				76.32
Module Builder-1st	6R-38(325)	MFWD 190	0.172	1.00	Sep	6.42	5.25	1.44	2.83	0.34	3.30				19.24
Boll Buggy-1st pick	6R38*325hp	MFWD 190	0.172	1.00	Sep	6.42	5.25	1.31	2.57	0.17	1.65				17.20
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Nov	2.45	2.05	1.90	1.11	0.08	0.79				8.30
Crop Consultant	acre			1.00	Nov							1.0000	7.00	7.00	7.00
Cotton Checkoff	bale			1.00	Nov							2.0800	2.56	5.32	5.32
Roll-Out Pipe Irr.	Acres				Jul	10.77	8.77	34.62	46.19	0.44	4.31	1.0000		8.58	113.24
TOTALS						75.53	94.05	44.20	61.65	2.32	23.02			405.16	703.61
INTEREST ON OPERATING CAPITAL															8.84
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															712.45

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, 2014.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.27	0.29	0.31	0.34	0.37	0.41	0.45	0.51	0.58	0.68	0.82
PERCENT	YIELD	UNIT	-----dollars-----										
50	500.00	lb	-274	-264	-253	-240	-224	-205	-183	-154	-117	-68	0
			-430	-420	-409	-395	-380	-361	-338	-310	-273	-224	-155
60	600.00	lb	-247	-235	-221	-205	-187	-164	-137	-102	-58	0	82
			-402	-390	-377	-361	-342	-320	-292	-258	-214	-155	-73
70	700.00	lb	-219	-205	-190	-171	-149	-123	-91	-51	0	68	164
			-375	-361	-345	-327	-305	-279	-247	-207	-155	-87	9
80	800.00	lb	-192	-176	-158	-137	-112	-82	-45	0	58	137	247
			-347	-332	-314	-292	-267	-238	-201	-155	-96	-18	91
90	900.00	lb	-164	-147	-126	-102	-74	-41	0	51	117	205	329
			-320	-302	-282	-258	-230	-196	-155	-104	-38	50	173
100	1000.00	lb	-137	-117	-95	-68	-37	0	45	102	176	274	411
			-292	-273	-250	-224	-193	-155	-109	-52	20	118	256
110	1100.00	lb	-109	-88	-63	-34	0	41	91	154	235	343	494
			-265	-243	-219	-190	-155	-114	-64	-1	79	187	338
120	1200.00	lb	-82	-58	-31	0	37	82	137	205	294	411	576
			-238	-214	-187	-155	-118	-73	-18	50	138	256	420
130	1300.00	lb	-54	-29	0	34	74	123	183	257	352	480	658
			-210	-185	-155	-121	-80	-32	27	101	197	324	503
140	1400.00	lb	-27	0	31	68	112	164	228	308	411	549	741
			-183	-155	-124	-87	-43	9	73	153	256	393	585
150	1500.00	lb	0	29	63	102	149	205	274	360	470	617	823
			-155	-126	-92	-52	-5	50	118	204	314	461	667

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, 2014.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.37	0.40	0.43	0.47	0.51	0.56	0.63	0.70	0.81	0.94	1.13
PERCENT	YIELD	UNIT	-----dollars-----										
50	500.00	lb	-222	-209	-193	-175	-153	-128	-96	-57	-6	61	155
			-378	-364	-349	-331	-309	-283	-252	-212	-162	-94	0
60	600.00	lb	-184	-168	-149	-128	-102	-71	-33	13	74	155	269
			-340	-324	-305	-283	-257	-226	-189	-141	-81	0	113
70	700.00	lb	-146	-128	-106	-80	-50	-14	29	84	155	250	382
			-302	-283	-261	-236	-206	-170	-126	-70	0	94	226
80	800.00	lb	-109	-87	-62	-33	0	42	92	155	236	344	496
			-264	-243	-218	-189	-154	-113	-63	0	81	189	340
90	900.00	lb	-71	-46	-18	13	52	98	155	226	317	439	609
			-226	-202	-174	-141	-103	-56	0	70	162	283	453
100	1000.00	lb	-33	-6	24	61	104	155	218	297	398	534	723
			-189	-162	-130	-94	-51	0	63	141	243	378	567
110	1100.00	lb	4	34	68	108	155	212	281	368	479	628	836
			-151	-121	-87	-47	0	56	126	212	324	472	680
120	1200.00	lb	42	74	112	155	207	269	344	439	561	723	950
			-113	-81	-43	0	51	113	189	283	405	567	794
130	1300.00	lb	80	115	155	202	258	325	407	510	642	817	1063
			-75	-40	0	47	103	170	252	354	486	662	907
140	1400.00	lb	117	155	199	250	310	382	470	581	723	912	1177
			-37	0	43	94	154	226	315	425	567	756	1021
150	1500.00	lb	155	196	243	297	362	439	534	652	804	1006	1290
			0	40	87	141	206	283	378	496	648	851	1134

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, 2014.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (3 gal)	appl	5.00	5.0000	25.00	_____
App by Air (5 gal)	appl	6.00	1.0000	6.00	_____
HARVEST AIDS					
Dropp SC	oz	1.09	1.2000	1.31	_____
Prep	pt	4.00	1.3300	5.32	_____
Def/Folex	pt	8.63	0.7500	6.47	_____
FERTILIZERS					
LA Phosphate	lb	0.50	60.0000	30.00	_____
LA Potash	lb	0.37	60.0000	22.20	_____
LA Nitrogen	lb	0.50	90.0000	45.00	_____
HERBICIDES					
Roundup WeatherMax	oz	0.25	88.0000	22.00	_____
2,4-D Amine 4	pt	2.25	1.0000	2.25	_____
Valor WP	oz	4.23	1.5000	6.35	_____
Cotoran 4L	pt	5.80	1.2000	6.96	_____
Dual II Magnum	pt	14.50	1.0000	14.50	_____
Layby Pro	qt	12.60	1.0000	12.60	_____
INSECTICIDES					
Ammo 2.5 EC	oz	0.92	1.2800	1.18	_____
Dimethoate 4E	pt	6.24	0.4000	2.50	_____
Orthene 90S	lb	5.75	1.8000	10.35	_____
Centric 40WG	oz	4.70	4.0000	18.80	_____
Karate Z	oz	3.40	6.3900	21.73	_____
Bidrin 8L	oz	0.98	12.0000	11.76	_____
Diamond .83EC	pt	16.28	0.7500	12.21	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.26	33.0000	8.58	_____
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	0.15	24.0000	3.60	_____
SERVICE FEE					
Crop Consultant	acre	7.00	1.0000	7.00	_____
Cotton Checkoff	bale	2.56	2.2900	5.86	_____
OPERATOR LABOR					
Self-Propelled	hour	12.50	0.2428	3.03	_____
IRRIGATION LABOR					
Implements	hour	9.60	0.0062	0.06	_____
HAND LABOR					
Self-Propelled	hour	9.60	0.2075	1.97	_____
LA Hired Labor					
Implements	hour	9.60	0.2997	2.87	_____
Tractors	hour	9.60	1.1722	11.25	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
DIESEL FUEL					
Tractors	gal	3.30	11.4327	37.74	_____
Self-Propelled	gal	3.30	3.8741	12.79	_____
Roll-Out Pipe Irr.	gal	3.30	8.5535	28.23	_____
REPAIR & MAINTENANCE					
Implements	Acre	9.62	1.0000	9.62	_____
Tractors	Acre	6.06	1.0000	6.06	_____
Self-Propelled	Acre	13.51	1.0000	13.51	_____
Roll-Out Pipe Irr.	Acre	5.98	1.0000	5.98	_____
INTEREST ON OP. CAP.	Acre	8.81	1.0000	8.81	_____

TOTAL DIRECT EXPENSES				560.17	_____
FIXED EXPENSES					
Implements	Acre	15.87	1.0000	15.87	_____
Tractors	Acre	36.81	1.0000	36.81	_____
Self-Propelled	Acre	53.42	1.0000	53.42	_____
Roll-Out Pipe Irr.	Acre	45.14	1.0000	45.14	_____

TOTAL FIXED EXPENSES				151.24	_____

TOTAL SPECIFIED EXPENSES				711.41	_____

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, 2014.

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	1.81	1.48	0.06	0.15	0.04	0.47				3.97
Paratill & Bed Fold.	12R-38	MFWD 225	0.053	0.50	Nov	1.21	1.12	0.67	1.12	0.02	0.26				4.38
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	1.00	Nov	2.33	2.15	0.60	0.65	0.07	0.75				6.48
LA Phosphate	lb														30.00
LA Potash	lb											60.0000	0.50	30.00	22.20
Disk Bed (Hipper)	12R-38	MFWD 225	0.049	1.00	Nov	2.23	2.05	0.35	0.89	0.04	0.47				5.99
Row Cond (Harrow)	38'	MFWD 225	0.039	1.00	Nov	1.77	1.63	0.22	0.89	0.03	0.38				4.89
Roller	32'	MFWD 170	0.046	1.00	Nov	1.57	1.32	0.14	0.74	0.04	0.45				4.22
Ditcher		2WD 130	0.020	1.00	Nov	0.50	0.35	0.04	0.05	0.02	0.19				1.13
Sprayer(600-750Gal)	60'		0.017	1.00	Mar	0.76	1.04			0.02	0.30				2.10
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
2,4-D Amine 4	pt											1.0000	2.25	2.25	2.25
Valor WP	oz											1.5000	4.23	6.35	6.35
Plant & Pre Folding	12R-38	MFWD 190	0.053	1.00	Apr	1.99	1.63	1.44	2.66	0.10	1.02				8.74
Cotoran 4L	pt											1.2000	5.80	6.96	6.96
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	0.50	0.35	0.04	0.05	0.02	0.19				1.13
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	1.00	Apr	2.33	2.15	0.60	0.65	0.07	0.75				6.48
LA Nitrogen	lb											90.0000	0.50	45.00	45.00
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.76	1.04			0.02	0.30				2.10
Dimethoate 4E	pt											0.4000	6.24	2.50	2.50
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Dual II Magnum	pt											1.0000	14.50	14.50	14.50
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.76	1.04			0.02	0.30				2.10
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Sprayer(600-750Gal)	60'		0.017	1.00	Jun	0.76	1.04			0.02	0.30				2.10
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Orthene 90S	lb											0.6000	5.75	3.45	3.45
Centric 40WG	oz											2.0000	4.70	9.40	9.40
App by Air (3 gal)	appl			1.00	Jun							1.0000	5.00	5.00	5.00
Centric 40WG	oz											2.0000	4.70	9.40	9.40
Pix Plus	oz											12.0000	0.15	1.80	1.80
Spray (Direct/Layby)	12R-38	MFWD 170	0.044	1.00	Jun	1.50	1.26	0.40	0.46	0.06	0.64				4.26
Layby Pro	qt											1.0000	12.60	12.60	12.60
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	5.00	5.00	5.00
Karate Z	oz											2.1300	3.40	7.24	7.24
Bidrin 8L	oz											6.0000	0.98	5.88	5.88
Pix Plus	oz											12.0000	0.15	1.80	1.80
App by Air (3 gal)	appl			1.00	Aug							1.0000	5.00	5.00	5.00
Karate Z	oz											2.1300	3.40	7.24	7.24
Bidrin 8L	oz											6.0000	0.98	5.88	5.88
Diamond .83EC	pt											0.3750	16.28	6.11	6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	5.00	5.00	5.00
Orthene 90S	lb											0.6000	5.75	3.45	3.45
Karate Z	oz											2.1300	3.40	7.24	7.24
Diamond .83EC	pt											0.3750	16.28	6.11	6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	5.00	5.00	5.00
Orthene 90S	lb											0.6000	5.75	3.45	3.45
App by Air (5 gal)	appl			1.00	Sep							1.0000	6.00	6.00	6.00
Dropp SC	oz											1.2000	1.09	1.31	1.31
Prep	pt											1.3300	4.00	5.32	5.32
Def/Folex	pt											0.7500	8.63	6.47	6.47
Cotton Picker-1st-BB	6R38*330hp		0.172	1.00	Sep	23.26	49.26			0.34	3.80				76.32
Module Builder-1st	6R-38(325)	MFWD 190	0.172	1.00	Sep	6.42	5.25	1.44	2.83	0.34	3.30				19.24
Boll Buggy-1st pick	6R38*325hp	MFWD 190	0.172	1.00	Sep	6.42	5.25	1.31	2.57	0.17	1.65				17.20
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Nov	2.45	2.05	1.90	1.11	0.08	0.79				8.30
Crop Consultant	acre			1.00	Nov							1.0000	7.00	7.00	7.00
Cotton Checkoff	bale			1.00	Nov							2.2900	2.56	5.86	5.86
Roll-Out Pipe Irr.	Acre				Jul	10.77	8.77	34.62	46.19	0.44	4.31	1.0000		8.58	113.24
TOTALS						70.10	90.23	43.83	61.01	2.07	20.62			416.81	702.60
INTEREST ON OPERATING CAPITAL															8.81
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															711.41

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, 2014.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.24	0.25	0.27	0.30	0.33	0.36	0.40	0.45	0.51	0.60	0.72
PERCENT	YIELD	UNIT	-----dollars-----										
50	550.00	lb	-266	-257	-246	-233	-218	-200	-177	-150	-114	-66	0
			-418	-408	-397	-384	-369	-351	-329	-301	-265	-217	-151
60	660.00	lb	-240	-228	-215	-200	-181	-160	-133	-100	-57	0	80
			-391	-379	-366	-351	-333	-311	-284	-251	-208	-151	-71
70	770.00	lb	-213	-200	-184	-166	-145	-120	-88	-50	0	66	160
			-364	-351	-335	-317	-296	-271	-240	-201	-151	-84	8
80	880.00	lb	-186	-171	-153	-133	-109	-80	-44	0	57	133	240
			-337	-322	-305	-284	-260	-231	-195	-151	-94	-17	88
90	990.00	lb	-160	-142	-123	-100	-72	-40	0	50	114	200	320
			-311	-294	-274	-251	-223	-191	-151	-101	-36	48	168
100	1100.00	lb	-133	-114	-92	-66	-36	0	44	100	171	266	400
			-284	-265	-243	-217	-187	-151	-106	-51	20	115	248
110	1210.00	lb	-106	-85	-61	-33	0	40	88	150	228	333	480
			-257	-236	-212	-184	-151	-111	-62	-1	77	182	328
120	1320.00	lb	-80	-57	-30	0	36	80	133	200	285	400	560
			-231	-208	-182	-151	-114	-71	-17	48	134	248	408
130	1430.00	lb	-53	-28	0	33	72	120	177	250	343	466	640
			-204	-179	-151	-117	-78	-31	26	98	191	315	489
140	1540.00	lb	-26	0	30	66	109	160	222	300	400	533	720
			-177	-151	-120	-84	-42	8	71	148	248	382	569
150	1650.00	lb	0	28	61	100	145	200	266	350	457	600	800
			-151	-122	-89	-51	-5	48	115	198	306	449	649

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, 2014.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.33	0.35	0.38	0.41	0.45	0.50	0.55	0.62	0.71	0.83	1.00
PERCENT	YIELD	UNIT	-----dollars-----										
50	550.00	lb	-216	-203	-188	-170	-149	-124	-93	-55	-6	59	151
			-367	-354	-339	-321	-300	-275	-245	-206	-157	-91	0
60	660.00	lb	-179	-163	-145	-124	-99	-69	-32	13	72	151	261
			-330	-315	-296	-275	-250	-220	-183	-137	-78	0	110
70	770.00	lb	-142	-124	-103	-78	-49	-14	28	82	151	243	371
			-294	-275	-254	-229	-200	-165	-122	-68	0	91	220
80	880.00	lb	-106	-85	-60	-32	0	40	89	151	230	335	482
			-257	-236	-212	-183	-150	-110	-61	0	78	183	330
90	990.00	lb	-69	-45	-18	13	50	96	151	220	308	426	592
			-220	-196	-169	-137	-100	-55	0	68	157	275	441
100	1100.00	lb	-32	-6	23	59	101	151	212	289	387	518	702
			-183	-157	-127	-91	-50	0	61	137	236	367	551
110	1210.00	lb	4	33	66	105	151	206	273	358	466	610	812
			-147	-118	-84	-45	0	55	122	206	315	459	661
120	1320.00	lb	40	72	108	151	201	261	335	426	545	702	923
			-110	-78	-42	0	50	110	183	275	393	551	771
130	1430.00	lb	77	111	151	197	251	316	396	495	623	794	1033
			-73	-39	0	45	100	165	245	344	472	643	882
140	1540.00	lb	114	151	193	243	301	371	457	564	702	886	1143
			-36	0	42	91	150	220	306	413	551	735	992
150	1650.00	lb	151	190	236	289	351	426	518	633	781	978	1254
			0	39	84	137	200	275	367	482	630	827	1102

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, 2014.

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	5.00	3.0000	15.00	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.25	16.0000	4.00	_____
FERTILIZERS					
LA Phosphate	lb	0.50	50.0000	25.00	_____
LA Potash	lb	0.37	50.0000	18.50	_____
FUNGICIDES					
Quadris	oz	3.00	6.0000	18.00	_____
Stratego	pt	18.25	0.6250	11.41	_____
HERBICIDES					
Roundup WeatherMax	oz	0.25	66.0000	16.50	_____
2,4-D Amine 4	pt	2.25	1.0000	2.25	_____
Valor WP	oz	4.23	2.0000	8.46	_____
Dual II Magnum	pt	14.50	1.0000	14.50	_____
Flexstar HL	pt	4.50	1.0000	4.50	_____
INSECTICIDES					
Brigade EC	pt	15.10	0.7500	11.33	_____
Orthene 90S	lb	5.75	0.6000	3.45	_____
Intrepid 2F	oz	1.76	6.0000	10.56	_____
SEED/PLANTS					
Soybean Seed RR	lb	1.11	50.0000	55.50	_____
ADJUVANTS					
Surfactant	pt	3.68	1.0000	3.68	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	48.00	0.3300	15.84	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.27	40.0000	10.80	_____
OPERATOR LABOR					
Harvesters	hour	12.50	0.0851	1.06	_____
LA Hired Labor					
Implements	hour	9.60	0.1345	1.29	_____
Tractors	hour	9.60	0.4272	4.11	_____
DIESEL FUEL					
Tractors	gal	3.30	4.0612	13.40	_____
Harvesters	gal	3.30	1.2047	3.98	_____
REPAIR & MAINTENANCE					
Implements	Acre	3.91	1.0000	3.91	_____
Tractors	Acre	2.14	1.0000	2.14	_____
Harvesters	Acre	2.43	1.0000	2.43	_____
INTEREST ON OP. CAP.	Acre	4.41	1.0000	4.41	_____

TOTAL DIRECT EXPENSES				304.00	_____
FIXED EXPENSES					
Implements	Acre	6.74	1.0000	6.74	_____
Tractors	Acre	13.01	1.0000	13.01	_____
Harvesters	Acre	9.30	1.0000	9.30	_____

TOTAL FIXED EXPENSES				29.05	_____

TOTAL SPECIFIED EXPENSES				333.05	_____

Table 10.B Estimated resource use and costs for field operations, per Acre
 RR Soybeans, Stale Seedbed, 8- 38"Row Equipment
 Alluvial Soils, Louisiana, 2014.

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	2.90	2.37	0.78	0.85	0.11	1.12				8.02
LA Phosphate	lb											50.0000	0.50	25.00	25.00
LA Potash	lb											50.0000	0.37	18.50	18.50
Lime (Spread)	ton			0.33	Oct							0.3300	48.00	15.84	15.84
Disk Harrow	28'	MFWD 225	0.070	1.00	Oct	3.16	2.91	0.82	1.68	0.07	0.67				9.24
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.81	1.48	0.06	0.15	0.04	0.47				3.97
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Oct	2.76	2.26	0.38	0.97	0.07	0.71				7.08
Ditcher		2WD 130	0.020	1.00	Oct	0.50	0.35	0.04	0.05	0.02	0.19				1.13
App by Air (5 gal)	appl			1.00	Mar							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
2,4-D Amine 4	pt											1.0000	2.25	2.25	2.25
Valor WP	oz											2.0000	4.23	8.46	8.46
Plant - Folding	8R-38	MFWD 170	0.074	1.00	May	2.49	2.10	1.06	1.96	0.14	1.44				9.05
Soybean Seed RR	lb											50.0000	1.11	55.50	55.50
Ditcher		2WD 130	0.020	1.00	May	0.50	0.35	0.04	0.05	0.02	0.19				1.13
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	1.42	1.19	0.14	0.17	0.06	0.61				3.53
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Dual II Magnum	pt											1.0000	14.50	14.50	14.50
App by Air (5 gal)	appl			1.00	Jun							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Flexstar HL	pt											1.0000	4.50	4.50	4.50
App by Air (3 gal)	appl			1.00	Jul							1.0000	5.00	5.00	5.00
Brigade EC	pt											0.3750	15.10	5.66	5.66
Quadris	oz											6.0000	3.00	18.00	18.00
App by Air (3 gal)	appl			1.00	Aug							1.0000	5.00	5.00	5.00
Orthene 90S	lb											0.6250	18.25	11.41	11.41
Stratego	pt											1.0000	5.00	5.00	5.00
App by Air (3 gal)	appl			1.00	Aug							0.3750	15.10	5.66	5.66
Brigade EC	pt											6.0000	1.76	10.56	10.56
Intrepid 2F	oz											1.0000	6.00	6.00	6.00
App by Air (5 gal)	appl			1.00	Sep							16.0000	0.25	4.00	4.00
Gramoxone Inteon	oz											1.0000	3.68	3.68	3.68
Surfactant	pt														18.22
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	6.41	9.30	0.59	0.86	0.08	1.06				18.22
Haul Soybeans	bu			1.00	Oct							40.0000	0.27	10.80	10.80
TOTALS						21.95	22.31	3.91	6.74	0.64	6.46			267.27	328.64
INTEREST ON OPERATING CAPITAL															4.41
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															333.05

Table 10.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
 RR Soybeans, Stale Seedbed, 8- 38"Row Equipment
 Alluvial Soils, Louisiana, 2014.

			-----BREAKEVEN PRICE-----										
Soybeans			5.15	5.50	5.90	6.37	6.93	7.60	8.41	9.43	10.74	12.48	14.92
PERCENT	YIELD	UNIT	-----dollars-----										
50	20.00	bu	-195	-188	-180	-170	-159	-146	-130	-109	-83	-48	0
			-224	-217	-209	-200	-188	-175	-159	-138	-112	-77	-29
60	24.00	bu	-175	-167	-157	-146	-133	-117	-97	-73	-41	0	58
			-204	-196	-186	-175	-162	-146	-126	-102	-70	-29	29
70	28.00	bu	-156	-146	-135	-122	-106	-87	-65	-36	0	48	117
			-185	-175	-164	-151	-135	-116	-94	-65	-29	19	88
80	32.00	bu	-136	-125	-112	-97	-79	-58	-32	0	41	97	175
			-165	-154	-141	-126	-108	-87	-61	-29	12	68	146
90	36.00	bu	-117	-104	-90	-73	-53	-29	0	36	83	146	234
			-146	-133	-119	-102	-82	-58	-29	7	54	117	205
100	40.00	bu	-97	-83	-67	-48	-26	0	32	73	125	195	293
			-126	-112	-96	-77	-55	-29	3	44	96	166	264
110	44.00	bu	-78	-62	-45	-24	0	29	65	109	167	244	351
			-107	-91	-74	-53	-29	0	36	80	138	215	322
120	48.00	bu	-58	-41	-22	0	26	58	97	146	209	293	410
			-87	-70	-51	-29	-2	29	68	117	180	264	381
130	52.00	bu	-39	-20	0	24	53	87	130	183	251	341	469
			-68	-49	-29	-4	24	58	101	154	222	312	439
140	56.00	bu	-19	0	22	48	79	117	162	219	293	390	527
			-48	-29	-6	19	50	88	133	190	264	361	498
150	60.00	bu	0	20	45	73	106	146	195	256	335	439	586
			-29	-8	16	44	77	117	166	227	305	410	557

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, 2014.

			-----BREAKEVEN PRICE-----										
Soybeans			5.64	6.02	6.46	6.98	7.59	8.32	9.22	10.33	11.77	13.69	16.38
PERCENT	YIELD	UNIT	-----dollars-----										
50	20.00	bu	-185	-178	-169	-158	-146	-132	-114	-91	-63	-24	29
			-214	-207	-198	-187	-175	-161	-143	-120	-92	-53	0
60	24.00	bu	-164	-155	-144	-132	-117	-99	-78	-51	-16	29	93
			-193	-184	-173	-161	-146	-128	-107	-80	-46	0	64
70	28.00	bu	-142	-132	-119	-105	-88	-67	-42	-11	29	82	157
			-171	-161	-148	-134	-117	-96	-71	-40	0	53	128
80	32.00	bu	-121	-109	-94	-78	-58	-35	-6	29	75	136	222
			-150	-138	-123	-107	-87	-64	-35	0	46	107	193
90	36.00	bu	-99	-86	-70	-51	-29	-3	29	69	121	190	286
			-128	-115	-99	-80	-58	-32	0	40	92	161	257
100	40.00	bu	-78	-63	-45	-24	-0	29	64	109	167	243	351
			-107	-92	-74	-53	-29	0	35	80	138	214	322
110	44.00	bu	-56	-39	-20	2	29	61	100	149	213	297	415
			-85	-69	-49	-26	0	32	71	120	184	268	386
120	48.00	bu	-35	-16	4	29	58	93	136	190	259	351	480
			-64	-46	-24	0	29	64	107	161	230	322	451
130	52.00	bu	-13	6	29	55	87	125	172	230	305	404	544
			-42	-23	0	26	58	96	143	201	276	375	515
140	56.00	bu	7	29	53	82	116	157	208	270	351	458	608
			-21	0	24	53	87	128	178	241	322	429	579
150	60.00	bu	29	52	78	109	146	190	243	310	397	512	673
			0	23	49	80	117	161	214	281	368	483	644

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, 2014.

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	5.00	4.0000	20.00	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.25	16.0000	4.00	_____
FERTILIZERS					
LA Phosphate	lb	0.50	50.0000	25.00	_____
LA Potash	lb	0.37	50.0000	18.50	_____
FUNGICIDES					
Quadris	oz	3.00	6.0000	18.00	_____
Stratego	pt	18.25	0.6250	11.41	_____
HERBICIDES					
Roundup WeatherMax	oz	0.25	66.0000	16.50	_____
2,4-D Amine 4	pt	2.25	1.0000	2.25	_____
Valor WP	oz	4.23	2.0000	8.46	_____
Dual II Magnum	pt	14.50	1.0000	14.50	_____
Flexstar HL	pt	4.50	1.0000	4.50	_____
INSECTICIDES					
Brigade EC	pt	15.10	0.7500	11.33	_____
Orthene 90S	lb	5.75	0.6000	3.45	_____
Intrepid 2F	oz	1.76	6.0000	10.56	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.26	33.0000	8.58	_____
SEED/PLANTS					
Soybean Seed RR	lb	1.11	50.0000	55.50	_____
ADJUVANTS					
Surfactant	pt	3.68	1.0000	3.68	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	48.00	0.3300	15.84	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.27	50.0000	13.50	_____
OPERATOR LABOR					
Harvesters	hour	12.50	0.0851	1.06	_____
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	3.30	6.8886	22.73	_____
Harvesters	gal	3.30	1.2047	3.98	_____
Roll-Out Pipe Irr.	gal	3.30	4.8877	16.14	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.24	1.0000	4.24	_____
Tractors	Acre	3.58	1.0000	3.58	_____
Harvesters	Acre	2.43	1.0000	2.43	_____
Roll-Out Pipe Irr.	Acre	4.48	1.0000	4.48	_____
INTEREST ON OP. CAP.	Acre	4.97	1.0000	4.97	_____

TOTAL DIRECT EXPENSES				350.87	_____
FIXED EXPENSES					
Implements	Acre	7.58	1.0000	7.58	_____
Tractors	Acre	21.78	1.0000	21.78	_____
Harvesters	Acre	9.30	1.0000	9.30	_____
Roll-Out Pipe Irr.	Acre	45.14	1.0000	45.14	_____

TOTAL FIXED EXPENSES				83.80	_____

TOTAL SPECIFIED EXPENSES				434.67	_____

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, 2014.

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	48.00	15.84	15.84
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Oct	2.90	2.37	0.78	0.85	0.11	1.12				8.02
LA Phosphate	lb											50.0000	0.50	25.00	25.00
LA Potash	lb											50.0000	0.37	18.50	18.50
Disk Harrow	28'	MFWD 225	0.070	1.00	Oct	3.16	2.91	0.82	1.68	0.07	0.67				9.24
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.81	1.48	0.06	0.15	0.04	0.47				3.97
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	2.76	2.26	0.30	0.76	0.07	0.71				6.79
Ditcher		2WD 130	0.020	1.00	Oct	0.50	0.35	0.04	0.05	0.02	0.19				1.13
App by Air (5 gal)	appl			1.00	Mar							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
2,4-D Amine 4	pt											1.0000	2.25	2.25	2.25
Valor WP	oz											2.0000	4.23	8.46	8.46
Plant - Folding	8R-38	MFWD 170	0.074	1.00	May	2.49	2.10	1.06	1.96	0.14	1.44				9.05
Soybean Seed RR	lb											50.0000	1.11	55.50	55.50
Ditcher		2WD 130	0.020	1.00	May	0.50	0.35	0.04	0.05	0.02	0.19				1.13
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	1.42	1.19	0.14	0.17	0.06	0.61				3.53
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Dual II Magnum	pt											1.0000	14.50	14.50	14.50
App by Air (5 gal)	appl			1.00	Jun							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Flexstar HL	pt											1.0000	4.50	4.50	4.50
App by Air (3 gal)	appl			1.00	Jul							1.0000	5.00	5.00	5.00
Brigade EC	pt											0.3750	15.10	5.66	5.66
Quadris	oz											6.0000	3.00	18.00	18.00
App by Air (3 gal)	appl			1.00	Aug							1.0000	5.00	5.00	5.00
Orthene 90S	lb											0.6250	18.25	11.41	11.41
Stratego	pt											1.0000	5.00	5.00	5.00
App by Air (3 gal)	appl			1.00	Aug							0.3750	15.10	5.66	5.66
Brigade EC	pt											6.0000	1.76	10.56	10.56
Intrepid 2F	oz											1.0000	5.00	5.00	5.00
App by Air (3 gal)	appl			1.00	Sep							16.0000	0.25	4.00	4.00
Gramoxone Inteon	oz											1.0000	3.68	3.68	3.68
Surfactant	pt														18.22
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	6.41	9.30	0.59	0.86	0.08	1.06				18.22
Haul Soybeans	bu			1.00	Oct							50.0000	0.27	13.50	13.50
Roll-Out Pipe Irr.	Acre				Jul	10.77	8.77	21.03	46.19	0.44	4.31	1.0000		8.58	99.65
TOTALS						32.72	31.08	24.86	52.72	1.09	10.77			277.55	429.70
INTEREST ON OPERATING CAPITAL															4.97
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															434.67

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, 2014.

			-----BREAKEVEN PRICE-----										
Soybeans			4.76	5.09	5.46	5.89	6.40	7.01	7.76	8.70	9.90	11.51	13.76
PERCENT	YIELD	UNIT	-----dollars-----										
50	25.00	bu	-224	-216	-207	-196	-183	-168	-149	-126	-96	-56	0
			-308	-300	-291	-280	-267	-252	-233	-210	-180	-140	-83
60	30.00	bu	-202	-192	-181	-168	-153	-134	-112	-84	-48	0	67
			-286	-276	-265	-252	-237	-218	-196	-168	-131	-83	-16
70	35.00	bu	-179	-168	-155	-140	-122	-101	-74	-42	0	56	134
			-263	-252	-239	-224	-206	-184	-158	-125	-83	-27	51
80	40.00	bu	-157	-144	-129	-112	-91	-67	-37	0	48	112	202
			-241	-228	-213	-196	-175	-151	-121	-83	-35	28	118
90	45.00	bu	-134	-120	-103	-84	-61	-33	0	42	96	168	269
			-218	-204	-187	-168	-145	-117	-83	-41	12	84	186
100	50.00	bu	-112	-96	-77	-56	-30	0	37	84	144	224	337
			-196	-180	-161	-140	-114	-83	-46	0	60	141	253
110	55.00	bu	-89	-72	-51	-28	0	33	74	126	192	281	404
			-173	-156	-135	-111	-83	-50	-8	42	108	197	320
120	60.00	bu	-67	-48	-25	0	30	67	112	168	240	337	472
			-151	-131	-109	-83	-53	-16	28	84	157	253	388
130	65.00	bu	-44	-24	0	28	61	101	149	210	289	393	539
			-128	-107	-83	-55	-22	17	66	127	205	309	455
140	70.00	bu	-22	0	25	56	91	134	187	252	337	449	607
			-106	-83	-57	-27	8	51	103	169	253	365	523
150	75.00	bu	0	24	51	84	122	168	224	295	385	505	674
			-83	-59	-31	0	38	84	141	211	301	422	590

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, 2014.

			-----BREAKEVEN PRICE-----										
Soybeans			5.88	6.28	6.74	7.28	7.92	8.69	9.62	10.79	12.30	14.30	17.11
PERCENT	YIELD	UNIT	-----dollars-----										
50	25.00	bu	-196	-186	-175	-161	-145	-126	-103	-74	-36	13	83
			-280	-270	-259	-245	-229	-210	-187	-157	-120	-70	0
60	30.00	bu	-168	-156	-142	-126	-107	-84	-56	-21	23	83	168
			-252	-240	-226	-210	-191	-168	-140	-105	-60	0	84
70	35.00	bu	-140	-126	-110	-91	-69	-42	-9	31	83	153	252
			-224	-210	-194	-175	-153	-126	-93	-52	0	70	168
80	40.00	bu	-112	-96	-78	-56	-31	-0	37	83	143	224	336
			-196	-180	-161	-140	-114	-84	-46	0	60	140	252
90	45.00	bu	-84	-66	-45	-21	7	41	83	136	204	294	420
			-168	-150	-129	-105	-76	-42	0	52	120	210	336
100	50.00	bu	-56	-36	-13	13	45	83	130	189	264	364	504
			-140	-120	-97	-70	-38	0	46	105	180	280	421
110	55.00	bu	-28	-6	19	48	83	125	177	241	324	434	589
			-112	-90	-64	-35	0	42	93	157	240	350	505
120	60.00	bu	-0	23	51	83	122	168	224	294	384	504	673
			-84	-60	-32	0	38	84	140	210	300	421	589
130	65.00	bu	27	53	83	118	160	210	270	346	444	575	757
			-56	-30	0	35	76	126	187	263	360	491	673
140	70.00	bu	55	83	116	153	198	252	317	399	504	645	841
			-28	0	32	70	114	168	233	315	421	561	757
150	75.00	bu	83	113	148	189	236	294	364	452	565	715	925
			0	30	64	105	153	210	280	368	481	631	842

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, 2014.

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	5.00	3.0000	15.00	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.25	16.0000	4.00	_____
FERTILIZERS					
LA Phosphate	lb	0.50	50.0000	25.00	_____
LA Potash	lb	0.37	50.0000	18.50	_____
FUNGICIDES					
Quadris	oz	3.00	6.0000	18.00	_____
Stratego	pt	18.25	0.6250	11.41	_____
HERBICIDES					
Roundup WeatherMax	oz	0.25	66.0000	16.50	_____
2,4-D Amine 4	pt	2.25	1.0000	2.25	_____
Valor WP	oz	4.23	2.0000	8.46	_____
Dual II Magnum	pt	14.50	1.0000	14.50	_____
Flexstar HL	pt	4.50	1.0000	4.50	_____
INSECTICIDES					
Brigade EC	pt	15.10	0.7500	11.33	_____
Orthene 90S	lb	5.75	0.6000	3.45	_____
Intrepid 2F	oz	1.76	6.0000	10.56	_____
SEED/PLANTS					
Soybean Seed RR	lb	1.11	50.0000	55.50	_____
ADJUVANTS					
Surfactant	pt	3.68	1.0000	3.68	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	48.00	0.3300	15.84	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.27	40.0000	10.80	_____
OPERATOR LABOR					
Harvesters	hour	12.50	0.0851	1.06	_____
LA Hired Labor					
Implements	hour	9.60	0.1586	1.52	_____
Tractors	hour	9.60	0.3542	3.40	_____
DIESEL FUEL					
Tractors	gal	3.30	3.4392	11.35	_____
Harvesters	gal	3.30	1.2047	3.98	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.14	1.0000	4.14	_____
Tractors	Acre	1.82	1.0000	1.82	_____
Harvesters	Acre	2.43	1.0000	2.43	_____
INTEREST ON OP. CAP.	Acre	4.44	1.0000	4.44	_____

TOTAL DIRECT EXPENSES				301.41	_____
FIXED EXPENSES					
Implements	Acre	7.46	1.0000	7.46	_____
Tractors	Acre	11.04	1.0000	11.04	_____
Harvesters	Acre	9.30	1.0000	9.30	_____

TOTAL FIXED EXPENSES				27.80	_____

TOTAL SPECIFIED EXPENSES				329.21	_____

Table 12.B Estimated resource use and costs for field operations, per Acre
 RR Soybeans, Stale Seedbed, 12-20"Row Equipment
 Alluvial Soils, Louisiana, 2014.

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	3.54	3.26	0.95	1.04	0.11	1.13				9.92
LA Phosphate	lb											50.0000	0.50	25.00	25.00
LA Potash	lb											50.0000	0.37	18.50	18.50
Lime (Spread)	ton			0.33	Oct							0.3300	48.00	15.84	15.84
Field Cultivate	32'	MFWD 190	0.046	1.00	Oct	1.74	1.42	0.46	1.88	0.04	0.45				5.95
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.81	1.48	0.06	0.15	0.04	0.47				3.97
Ditcher		2WD 130	0.020	1.00	Oct	0.50	0.35	0.04	0.05	0.02	0.19				1.13
App by Air (5 gal)	appl			1.00	Mar							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
2,4-D Amine 4	pt											1.0000	2.25	2.25	2.25
Valor WP	oz											2.0000	4.23	8.46	8.46
NT Plant-Rigid	12R-20	MFWD 190	0.098	1.00	May	3.66	2.99	1.65	3.03	0.19	1.88				13.21
Soybean Seed RR	lb											50.0000	1.11	55.50	55.50
Ditcher		2WD 130	0.020	1.00	May	0.50	0.35	0.04	0.05	0.02	0.19				1.13
Spray (Bcast/HB)	40' Fold	MFWD 170	0.042	1.00	May	1.42	1.19	0.35	0.40	0.06	0.61				3.97
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Dual II Magnum	pt											1.0000	14.50	14.50	14.50
App by Air (5 gal)	appl			1.00	Jun							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Flexstar HL	pt											1.0000	4.50	4.50	4.50
App by Air (3 gal)	appl			1.00	Jul							1.0000	5.00	5.00	5.00
Brigade EC	pt											0.3750	15.10	5.66	5.66
Quadris	oz											6.0000	3.00	18.00	18.00
App by Air (3 gal)	appl			1.00	Aug							1.0000	5.00	5.00	5.00
Orthene 90S	lb											0.6250	18.25	11.41	11.41
Stratego	pt											1.0000	5.00	5.00	5.00
App by Air (3 gal)	appl			1.00	Aug							0.3750	15.10	5.66	5.66
Brigade EC	pt											6.0000	1.76	10.56	10.56
Intrepid 2F	oz											1.0000	6.00	6.00	6.00
App by Air (5 gal)	appl			1.00	Sep							16.0000	0.25	4.00	4.00
Gramoxone Inteon	oz											1.0000	3.68	3.68	3.68
Surfactant	pt														18.22
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	6.41	9.30	0.59	0.86	0.08	1.06				18.22
Haul Soybeans	bu			1.00	Oct							40.0000	0.27	10.80	10.80
TOTALS						19.58	20.34	4.14	7.46	0.59	5.98			267.27	324.77
INTEREST ON OPERATING CAPITAL															4.44
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															329.21

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, 2014.

			-----BREAKEVEN PRICE-----										
Soybeans			5.11	5.45	5.85	6.32	6.87	7.53	8.34	9.35	10.64	12.37	14.79
PERCENT	YIELD	UNIT	-----dollars-----										
50	20.00	bu	-193	-186	-178	-169	-158	-145	-129	-108	-83	-48	0
			-221	-214	-206	-197	-186	-173	-156	-136	-110	-76	-27
60	24.00	bu	-174	-166	-156	-145	-132	-116	-96	-72	-41	0	58
			-202	-193	-184	-173	-159	-144	-124	-100	-69	-27	30
70	28.00	bu	-154	-145	-134	-121	-105	-87	-64	-36	0	48	116
			-182	-173	-161	-148	-133	-114	-92	-64	-27	20	88
80	32.00	bu	-135	-124	-111	-96	-79	-58	-32	0	41	96	174
			-163	-152	-139	-124	-107	-85	-60	-27	13	69	146
90	36.00	bu	-116	-103	-89	-72	-52	-29	0	36	83	145	232
			-144	-131	-117	-100	-80	-56	-27	8	55	117	204
100	40.00	bu	-96	-83	-67	-48	-26	0	32	72	124	193	290
			-124	-110	-94	-76	-54	-27	4	44	96	165	262
110	44.00	bu	-77	-62	-44	-24	0	29	64	108	166	242	348
			-105	-90	-72	-52	-27	1	36	81	138	214	320
120	48.00	bu	-58	-41	-22	0	26	58	96	145	207	290	406
			-85	-69	-50	-27	-1	30	69	117	179	262	378
130	52.00	bu	-38	-20	0	24	52	87	129	181	249	338	464
			-66	-48	-27	-3	25	59	101	153	221	311	437
140	56.00	bu	-19	0	22	48	79	116	161	217	290	387	522
			-47	-27	-5	20	51	88	133	190	262	359	495
150	60.00	bu	0	20	44	72	105	145	193	254	332	435	581
			-27	-7	16	44	77	117	165	226	304	408	553

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, 2014.

			-----BREAKEVEN PRICE-----										
Soybeans			5.57	5.95	6.39	6.90	7.50	8.23	9.11	10.21	11.64	13.53	16.18
PERCENT	YIELD	UNIT	-----dollars-----										
50	20.00	bu	-184	-176	-168	-157	-145	-131	-113	-91	-63	-25	27
			-212	-204	-195	-185	-173	-159	-141	-119	-90	-53	0
60	24.00	bu	-163	-154	-143	-131	-116	-99	-78	-51	-17	27	91
			-191	-181	-171	-159	-144	-127	-106	-79	-45	0	63
70	28.00	bu	-141	-131	-119	-104	-87	-67	-42	-11	27	80	155
			-169	-159	-146	-132	-115	-95	-70	-39	0	53	127
80	32.00	bu	-120	-108	-94	-78	-59	-35	-7	27	73	133	218
			-148	-136	-122	-106	-86	-63	-35	0	45	106	191
90	36.00	bu	-99	-85	-70	-51	-30	-4	27	67	118	186	282
			-127	-113	-97	-79	-57	-31	0	39	90	159	254
100	40.00	bu	-78	-63	-45	-25	-1	27	63	107	164	240	346
			-106	-90	-73	-53	-28	0	35	79	136	212	318
110	44.00	bu	-57	-40	-21	1	27	59	98	147	209	293	409
			-84	-68	-48	-26	0	31	70	119	181	265	382
120	48.00	bu	-35	-17	3	27	56	91	133	186	255	346	473
			-63	-45	-24	0	28	63	106	159	227	318	445
130	52.00	bu	-14	5	27	54	85	123	169	226	300	399	537
			-42	-22	0	26	57	95	141	198	272	371	509
140	56.00	bu	6	27	52	80	114	155	204	266	346	452	600
			-21	0	24	53	86	127	176	238	318	424	573
150	60.00	bu	27	50	76	107	143	186	240	306	391	505	664
			0	22	48	79	115	159	212	278	363	477	636

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, 2014.

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	5.00	3.0000	15.00	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.25	16.0000	4.00	_____
FERTILIZERS					
LA Phosphate	lb	0.50	50.0000	25.00	_____
LA Potash	lb	0.37	50.0000	18.50	_____
FUNGICIDES					
Quadris	oz	3.00	6.0000	18.00	_____
Stratego	pt	18.25	0.6250	11.41	_____
HERBICIDES					
Roundup WeatherMax	oz	0.25	66.0000	16.50	_____
2,4-D Amine 4	pt	2.25	1.0000	2.25	_____
Valor WP	oz	4.23	2.0000	8.46	_____
Dual II Magnum	pt	14.50	1.0000	14.50	_____
Flexstar HL	pt	4.50	1.0000	4.50	_____
INSECTICIDES					
Brigade EC	pt	15.10	0.7500	11.33	_____
Orthene 90S	lb	5.75	0.6000	3.45	_____
Intrepid 2F	oz	1.76	6.0000	10.56	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.26	33.0000	8.58	_____
SEED/PLANTS					
Soybean Seed RR	lb	1.11	50.0000	55.50	_____
ADJUVANTS					
Surfactant	pt	3.68	1.0000	3.68	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	48.00	0.3300	15.84	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.27	50.0000	13.50	_____
OPERATOR LABOR					
Harvesters	hour	12.50	0.0851	1.06	_____
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	3.30	6.2667	20.68	_____
Harvesters	gal	3.30	1.2047	3.98	_____
Roll-Out Pipe Irr.	gal	3.30	4.8877	16.14	_____
REPAIR & MAINTENANCE					
Implements	Acre	5.00	1.0000	5.00	_____
Tractors	Acre	3.26	1.0000	3.26	_____
Harvesters	Acre	2.43	1.0000	2.43	_____
Roll-Out Pipe Irr.	Acre	4.48	1.0000	4.48	_____
INTEREST ON OP. CAP.	Acre	5.02	1.0000	5.02	_____

TOTAL DIRECT EXPENSES				349.83	_____
FIXED EXPENSES					
Implements	Acre	9.50	1.0000	9.50	_____
Tractors	Acre	19.81	1.0000	19.81	_____
Harvesters	Acre	9.30	1.0000	9.30	_____
Roll-Out Pipe Irr.	Acre	45.14	1.0000	45.14	_____

TOTAL FIXED EXPENSES				83.75	_____

TOTAL SPECIFIED EXPENSES				433.58	_____

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, 2014.

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	3.54	3.26	0.95	1.04	0.11	1.13				9.92
LA Phosphate	lb											50.0000	0.50	25.00	25.00
LA Potash	lb											50.0000	0.37	18.50	18.50
Lime (Spread)	ton			0.33	Oct							0.3300	48.00	15.84	15.84
Field Cultivate	32'	MFWD 190	0.046	1.00	Oct	1.74	1.42	0.46	1.88	0.04	0.45				5.95
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.81	1.48	0.06	0.15	0.04	0.47				3.97
Ditcher		2WD 130	0.020	1.00	Oct	0.50	0.35	0.04	0.05	0.02	0.19				1.13
App by Air (5 gal)	appl			1.00	Mar							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
2,4-D Amine 4	pt											1.0000	2.25	2.25	2.25
Valor WP	oz											2.0000	4.23	8.46	8.46
NT Plant-Folding	12R-20	MFWD 190	0.098	1.00	May	3.66	2.99	2.31	4.25	0.19	1.88				15.09
Soybean Seed RR	lb											50.0000	1.11	55.50	55.50
Ditcher		2WD 130	0.020	1.00	May	0.50	0.35	0.04	0.05	0.02	0.19				1.13
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	1.42	1.19	0.14	0.17	0.06	0.61				3.53
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Dual II Magnum	pt											1.0000	14.50	14.50	14.50
App by Air (5 gal)	appl			1.00	Jun							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Flexstar HL	pt											1.0000	4.50	4.50	4.50
App by Air (3 gal)	appl			1.00	Jul							1.0000	5.00	5.00	5.00
Brigade EC	pt											0.3750	15.10	5.66	5.66
Quadris	oz											6.0000	3.00	18.00	18.00
App by Air (3 gal)	appl			1.00	Aug							1.0000	5.00	5.00	5.00
Orthene 90S	lb											0.6250	18.25	11.41	11.41
Stratego	pt											1.0000	5.00	5.00	5.00
App by Air (3 gal)	appl			1.00	Aug							0.3750	15.10	5.66	5.66
Brigade EC	pt											6.0000	1.76	10.56	10.56
Intrepid 2F	oz											1.0000	6.00	6.00	6.00
App by Air (5 gal)	appl			1.00	Sep							16.0000	0.25	4.00	4.00
Gramoxone Inteon	oz											1.0000	3.68	3.68	3.68
Surfactant	pt														18.22
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	6.41	9.30	0.59	0.86	0.08	1.06				18.22
Haul Soybeans	bu			1.00	Oct							50.0000	0.27	13.50	13.50
Roll-Out Pipe Irr.	Acre				Jul	10.77	8.77	21.03	46.19	0.44	4.31	1.0000		8.58	99.65
TOTALS						30.35	29.11	25.62	54.64	1.04	10.29			278.55	428.56
INTEREST ON OPERATING CAPITAL															5.02
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															433.58

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, 2014.

			-----BREAKEVEN PRICE-----										
Soybeans			4.75	5.07	5.44	5.87	6.38	6.99	7.74	8.67	9.87	11.47	13.72
PERCENT	YIELD	UNIT	-----dollars-----										
50	25.00	bu	-224	-216	-206	-196	-183	-168	-149	-126	-96	-56	0
			-307	-299	-290	-279	-267	-251	-233	-209	-179	-139	-83
60	30.00	bu	-201	-192	-181	-168	-152	-134	-112	-84	-48	0	67
			-285	-275	-264	-251	-236	-218	-195	-167	-131	-83	-16
70	35.00	bu	-179	-168	-155	-140	-122	-100	-74	-42	0	56	134
			-263	-251	-238	-223	-206	-184	-158	-125	-83	-27	50
80	40.00	bu	-156	-144	-129	-112	-91	-67	-37	0	48	112	201
			-240	-227	-213	-195	-175	-151	-121	-83	-35	28	118
90	45.00	bu	-134	-120	-103	-84	-61	-33	0	42	96	168	269
			-218	-203	-187	-167	-144	-117	-83	-41	12	84	185
100	50.00	bu	-112	-96	-77	-56	-30	0	37	84	144	224	336
			-195	-179	-161	-139	-114	-83	-46	0	60	140	252
110	55.00	bu	-89	-72	-51	-28	0	33	74	126	192	280	403
			-173	-155	-135	-111	-83	-50	-9	42	108	196	319
120	60.00	bu	-67	-48	-25	0	30	67	112	168	240	336	470
			-151	-131	-109	-83	-53	-16	28	84	156	252	387
130	65.00	bu	-44	-24	0	28	61	100	149	210	288	392	538
			-128	-107	-83	-55	-22	17	65	126	204	308	454
140	70.00	bu	-22	0	25	56	91	134	186	252	336	448	605
			-106	-83	-57	-27	7	50	103	168	252	364	521
150	75.00	bu	0	24	51	84	122	168	224	294	384	504	672
			-83	-59	-32	0	38	84	140	210	300	420	588

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, 2014.

			-----BREAKEVEN PRICE-----										
Soybeans			5.87	6.27	6.73	7.27	7.90	8.67	9.60	10.77	12.27	14.27	17.07
PERCENT	YIELD	UNIT	-----dollars-----										
50	25.00	bu	-196	-186	-174	-161	-145	-126	-102	-73	-36	13	83
			-280	-270	-258	-245	-229	-210	-186	-157	-120	-70	0
60	30.00	bu	-168	-156	-142	-126	-107	-84	-56	-21	23	83	167
			-252	-240	-226	-210	-190	-168	-140	-105	-60	0	84
70	35.00	bu	-140	-126	-110	-91	-68	-42	-9	31	83	153	251
			-224	-210	-193	-175	-152	-126	-93	-52	0	70	168
80	40.00	bu	-112	-96	-77	-56	-30	-0	37	83	143	223	335
			-196	-180	-161	-140	-114	-84	-46	0	60	140	252
90	45.00	bu	-84	-66	-45	-21	7	41	83	136	203	293	419
			-168	-150	-129	-105	-76	-42	0	52	120	210	336
100	50.00	bu	-56	-36	-13	13	45	83	130	188	263	363	503
			-140	-120	-96	-70	-38	0	46	105	180	280	420
110	55.00	bu	-28	-6	19	48	83	125	177	241	323	433	587
			-112	-90	-64	-35	0	42	93	157	240	350	504
120	60.00	bu	-0	23	51	83	121	167	223	293	383	503	671
			-84	-60	-32	0	38	84	140	210	300	420	588
130	65.00	bu	27	53	83	118	160	209	270	346	443	573	755
			-56	-30	0	35	76	126	186	262	360	490	672
140	70.00	bu	55	83	116	153	198	251	317	398	503	643	839
			-28	0	32	70	114	168	233	315	420	560	756
150	75.00	bu	83	113	148	188	236	293	363	451	563	713	923
			0	30	64	105	152	210	280	367	480	630	840

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, 2014.

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	5.00	4.0000	20.00	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.25	16.0000	4.00	_____
FERTILIZERS					
LA Phosphate	lb	0.50	50.0000	25.00	_____
LA Potash	lb	0.37	50.0000	18.50	_____
FUNGICIDES					
Quadris	oz	3.00	6.0000	18.00	_____
Stratego	pt	18.25	0.6250	11.41	_____
HERBICIDES					
Roundup WeatherMax	oz	0.25	66.0000	16.50	_____
2,4-D Amine 4	pt	2.25	1.0000	2.25	_____
Valor WP	oz	4.23	2.0000	8.46	_____
Dual II Magnum	pt	14.50	1.0000	14.50	_____
Flexstar HL	pt	4.50	1.0000	4.50	_____
INSECTICIDES					
Brigade EC	pt	15.10	0.7500	11.33	_____
Orthene 90S	lb	5.75	0.6000	3.45	_____
Intrepid 2F	oz	1.76	6.0000	10.56	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.26	33.0000	8.58	_____
SEED/PLANTS					
Soybean Seed RR	lb	1.11	50.0000	55.50	_____
ADJUVANTS					
Surfactant	pt	3.68	1.0000	3.68	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.27	45.0000	12.15	_____
OPERATOR LABOR					
Harvesters	hour	12.50	0.0851	1.06	_____
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	3.30	6.8886	22.73	_____
Harvesters	gal	3.30	1.2047	3.98	_____
Roll-Out Pipe Irr.	gal	3.30	4.8877	16.14	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.53	1.0000	4.53	_____
Tractors	Acre	3.58	1.0000	3.58	_____
Harvesters	Acre	2.43	1.0000	2.43	_____
Roll-Out Pipe Irr.	Acre	4.48	1.0000	4.48	_____
INTEREST ON OP. CAP.	Acre	4.87	1.0000	4.87	_____
TOTAL DIRECT EXPENSES				333.87	_____
FIXED EXPENSES					
Implements	Acre	8.02	1.0000	8.02	_____
Tractors	Acre	21.78	1.0000	21.78	_____
Harvesters	Acre	9.30	1.0000	9.30	_____
Roll-Out Pipe Irr.	Acre	45.14	1.0000	45.14	_____
TOTAL FIXED EXPENSES				84.24	_____
TOTAL SPECIFIED EXPENSES				418.11	_____

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, 2014.

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	2.90	2.37	0.78	0.85	0.11	1.12				8.02
LA Phosphate	lb											50.0000	0.50	25.00	25.00
LA Potash	lb											50.0000	0.37	18.50	18.50
Disk Harrow	28'	MFWD 225	0.070	1.00	Oct	3.16	2.91	0.82	1.68	0.07	0.67				9.24
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.81	1.48	0.06	0.15	0.04	0.47				3.97
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Oct	2.76	2.26	0.38	0.97	0.07	0.71				7.08
Ditcher		2WD 130	0.020	1.00	Oct	0.50	0.35	0.04	0.05	0.02	0.19				1.13
App by Air (5 gal)	appl			1.00	Mar							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
2,4-D Amine 4	pt											1.0000	2.25	2.25	2.25
Valor WP	oz											2.0000	4.23	8.46	8.46
Plant - Folding	8R-38	MFWD 170	0.074	1.00	May	2.49	2.10	1.06	1.96	0.14	1.44				9.05
Soybean Seed RR	lb											50.0000	1.11	55.50	55.50
Ditcher		2WD 130	0.020	1.00	May	0.50	0.35	0.04	0.05	0.02	0.19				1.13
Spray (Bcast/HB)	40' Fold	MFWD 170	0.042	1.00	May	1.42	1.19	0.35	0.40	0.06	0.61				3.97
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Dual II Magnum	pt											1.0000	14.50	14.50	14.50
App by Air (5 gal)	appl			1.00	Jun							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Flexstar HL	pt											1.0000	4.50	4.50	4.50
App by Air (3 gal)	appl			1.00	Jul							1.0000	5.00	5.00	5.00
Brigade EC	pt											0.3750	15.10	5.66	5.66
Quadris	oz											6.0000	3.00	18.00	18.00
App by Air (3 gal)	appl			1.00	Aug							1.0000	5.00	5.00	5.00
Orthene 90S	lb											0.6000	5.75	3.45	3.45
Stratego	pt											0.6250	18.25	11.41	11.41
App by Air (3 gal)	appl			1.00	Aug							1.0000	5.00	5.00	5.00
Brigade EC	pt											0.3750	15.10	5.66	5.66
Intrepid 2F	oz											6.0000	1.76	10.56	10.56
App by Air (3 gal)	appl			1.00	Sep							1.0000	5.00	5.00	5.00
Gramoxone Inteon	oz											16.0000	0.25	4.00	4.00
Surfactant	pt											1.0000	3.68	3.68	3.68
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	6.41	9.30	0.59	0.86	0.08	1.06				18.22
Haul Soybeans	bu			1.00	Oct							45.0000	0.27	12.15	12.15
Roll-Out Pipe Irr.	Acre				Jul	10.77	8.77	21.03	46.19	0.44	4.31	1.0000		8.58	99.65
TOTALS						32.72	31.08	25.15	53.16	1.09	10.77			260.36	413.24
INTEREST ON OPERATING CAPITAL															4.87
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															418.11

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, 2014.

			-----BREAKEVEN PRICE-----										
Soybeans			5.03	5.37	5.76	6.22	6.76	7.41	8.21	9.20	10.48	12.18	14.56
PERCENT	YIELD	UNIT	-----dollars-----										
50	22.50	bu	-214	-206	-197	-187	-175	-160	-142	-120	-91	-53	0
			-298	-291	-282	-271	-259	-245	-227	-204	-176	-137	-84
60	27.00	bu	-192	-183	-173	-160	-146	-128	-107	-80	-45	0	64
			-277	-268	-257	-245	-230	-212	-191	-164	-130	-84	-19
70	31.50	bu	-171	-160	-148	-134	-116	-96	-71	-40	0	53	128
			-255	-245	-232	-218	-201	-180	-155	-124	-84	-30	44
80	36.00	bu	-150	-137	-123	-107	-87	-64	-35	0	45	107	192
			-234	-222	-207	-191	-171	-148	-119	-84	-38	22	108
90	40.50	bu	-128	-114	-98	-80	-58	-32	0	40	91	160	257
			-212	-199	-183	-164	-142	-116	-84	-44	7	76	173
100	45.00	bu	-107	-91	-74	-53	-29	0	35	80	137	214	321
			-191	-176	-158	-137	-113	-84	-48	-3	53	130	237
110	49.50	bu	-85	-68	-49	-26	0	32	71	120	183	268	385
			-170	-153	-133	-111	-84	-52	-12	36	99	183	301
120	54.00	bu	-64	-45	-24	0	29	64	107	160	229	321	450
			-148	-130	-108	-84	-55	-19	22	76	145	237	366
130	58.50	bu	-42	-22	0	26	58	96	142	201	275	375	514
			-127	-107	-84	-57	-25	12	58	116	191	291	430
140	63.00	bu	-21	0	24	53	87	128	178	241	321	428	578
			-105	-84	-59	-30	3	44	94	156	237	344	494
150	67.50	bu	0	22	49	80	116	160	214	281	367	482	643
			-84	-61	-34	-3	32	76	130	197	283	398	559

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, 2014.

			-----BREAKEVEN PRICE-----										
Soybeans			6.28	6.71	7.20	7.78	8.47	9.29	10.29	11.54	13.15	15.30	18.31
PERCENT	YIELD	UNIT	-----dollars-----										
50	22.50	bu	-186	-176	-165	-152	-137	-118	-96	-67	-31	16	84
			-270	-260	-249	-236	-221	-202	-180	-152	-115	-67	0
60	27.00	bu	-159	-147	-134	-118	-100	-78	-51	-17	26	84	165
			-243	-231	-218	-202	-184	-162	-135	-101	-57	0	81
70	31.50	bu	-132	-118	-103	-84	-63	-37	-5	33	84	151	246
			-216	-202	-187	-169	-147	-121	-90	-50	0	67	162
80	36.00	bu	-105	-89	-71	-51	-26	3	39	84	142	219	327
			-189	-173	-156	-135	-110	-81	-45	0	57	135	243
90	40.50	bu	-78	-60	-40	-17	10	43	84	134	200	287	408
			-162	-144	-124	-101	-73	-40	0	50	115	202	324
100	45.00	bu	-51	-31	-9	16	47	84	129	185	258	354	490
			-135	-115	-93	-67	-36	0	45	101	173	270	405
110	49.50	bu	-23	-2	21	50	84	124	174	236	316	422	571
			-108	-86	-62	-33	0	40	90	152	231	338	487
120	54.00	bu	3	26	53	84	121	165	219	287	374	490	652
			-81	-57	-31	0	36	81	135	202	289	405	568
130	58.50	bu	30	55	84	118	158	206	264	337	432	557	733
			-54	-28	0	33	73	121	180	253	347	473	649
140	63.00	bu	57	84	115	151	194	246	309	388	490	625	814
			-27	0	31	67	110	162	225	304	405	541	730
150	67.50	bu	84	113	146	185	231	287	354	439	548	693	896
			0	28	62	101	147	202	270	355	463	608	811

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, 2014.

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	5.00	1.0000	5.00	_____
GIN/DRY					
Dry Corn	bu	0.19	150.0000	28.50	_____
FERTILIZERS					
LA Phosphate	lb	0.50	30.0000	15.00	_____
LA Potash	lb	0.37	60.0000	22.20	_____
LA Nitrogen	lb	0.50	180.0000	90.00	_____
HERBICIDES					
Glyphosate Plus 4L	pt	3.19	2.0000	6.38	_____
2,4-D Amine 4	pt	2.25	1.0000	2.25	_____
Valor WP	oz	4.23	1.0000	4.23	_____
Roundup WeatherMax	oz	0.25	66.0000	16.50	_____
Atrazine 4L	pt	1.75	5.0000	8.75	_____
Select 2EC	oz	0.77	6.0000	4.62	_____
INSECTICIDES					
Karate Z	oz	3.40	2.1300	7.24	_____
Intrepid 2F	oz	1.76	6.0000	10.56	_____
Baythroid 2	oz	2.30	2.1300	4.90	_____
SEED/PLANTS					
Corn Seed RR	thous	3.03	32.0000	96.96	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	48.00	0.3300	15.84	_____
CUSTOM HARVEST/HAUL					
Haul Corn	bu	0.23	150.0000	34.50	_____
OPERATOR LABOR					
Harvesters	hour	12.50	0.1344	1.68	_____
LA Hired Labor					
Implements	hour	9.60	0.1611	1.54	_____
Tractors	hour	9.60	0.5819	5.58	_____
DIESEL FUEL					
Tractors	gal	3.30	5.3318	17.60	_____
Harvesters	gal	3.30	1.6602	5.48	_____
REPAIR & MAINTENANCE					
Implements	Acre	6.93	1.0000	6.93	_____
Tractors	Acre	2.81	1.0000	2.81	_____
Harvesters	Acre	2.26	1.0000	2.26	_____
INTEREST ON OP. CAP.	Acre	9.05	1.0000	9.05	_____
TOTAL DIRECT EXPENSES				450.36	_____
FIXED EXPENSES					
Implements	Acre	10.08	1.0000	10.08	_____
Tractors	Acre	16.98	1.0000	16.98	_____
Harvesters	Acre	8.66	1.0000	8.66	_____
TOTAL FIXED EXPENSES				35.72	_____
TOTAL SPECIFIED EXPENSES				486.08	_____

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, 2014.

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	48.00	15.84	15.84
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	1.57	1.28	0.27	0.52	0.08	0.80				4.44
LA Phosphate	lb											30.0000	0.50	15.00	15.00
LA Potash	lb											60.0000	0.37	22.20	22.20
Disk Harrow	28'	MFWD 225	0.070	1.00	Sep	3.16	2.91	0.82	1.68	0.07	0.67				9.24
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	2.76	2.26	0.30	0.76	0.07	0.71				6.79
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.81	1.48	0.06	0.15	0.04	0.47				3.97
Ditcher		2WD 130	0.020	1.00	Oct	0.50	0.35	0.04	0.05	0.02	0.19				1.13
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	2.25	2.25	2.25
Valor WP	oz											1.0000	4.23	4.23	4.23
Ditcher		2WD 130	0.020	1.00	Mar	0.50	0.35	0.04	0.05	0.02	0.19				1.13
Roller	32'	MFWD 170	0.046	1.00	Mar	1.57	1.32	0.14	0.74	0.04	0.45				4.22
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	Mar	2.69	2.26	1.08	2.00	0.16	1.54				9.57
Corn Seed RR	thous											32.0000	3.03	96.96	96.96
LA Nitrogen	lb											30.0000	0.50	15.00	15.00
Ditcher		2WD 130	0.020	1.00	Mar	0.50	0.35	0.04	0.05	0.02	0.19				1.13
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.90	2.37	0.78	0.85	0.11	1.12				8.02
LA Nitrogen	lb											150.0000	0.50	75.00	75.00
App by Air (5 gal)	appl			1.00	Apr							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Dual 8E	pt											1.0000			
Atrazine 4L	pt											3.0000	1.75	5.25	5.25
Karate Z	oz											2.1300	3.40	7.24	7.24
App by Air (5 gal)	appl			1.00	May							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Atrazine 4L	pt											2.0000	1.75	3.50	3.50
Intrepid 2F	oz											6.0000	1.76	10.56	10.56
App by Air (3 gal)	appl			1.00	Jun							1.0000	5.00	5.00	5.00
Baythroid 2	oz											2.1300	2.30	4.90	4.90
Header - Corn	6R38"	240hp	0.134	1.00	Aug	7.74	8.66	1.46	2.12	0.13	1.68				21.66
Dry Corn	bu											150.0000	0.19	28.50	28.50
Haul Corn	bu			1.00	Aug							150.0000	0.23	34.50	34.50
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Sep	2.45	2.05	1.90	1.11	0.08	0.79				8.30
App by Air (5 gal)	appl			1.00	Sep							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Select 2EC	oz											6.0000	0.77	4.62	4.62
TOTALS						28.15	25.64	6.93	10.08	0.87	8.80			397.43	477.03
INTEREST ON OPERATING CAPITAL															9.05
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															486.08

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, 2014.

			-----BREAKEVEN PRICE-----										
Corn			2.14	2.26	2.40	2.57	2.76	3.00	3.28	3.64	4.10	4.72	5.57
PERCENT	YIELD	UNIT	-----dollars-----										
50	75.00	bu	-257	-248	-237	-225	-210	-193	-171	-144	-110	-64	0
			-293	-284	-273	-261	-246	-229	-207	-180	-146	-100	-35
60	90.00	bu	-231	-220	-208	-193	-175	-154	-128	-96	-55	0	77
			-267	-256	-243	-229	-211	-190	-164	-132	-90	-35	41
70	105.00	bu	-206	-193	-178	-161	-140	-115	-85	-48	0	64	154
			-241	-229	-214	-196	-176	-151	-121	-84	-35	28	118
80	120.00	bu	-180	-165	-148	-128	-105	-77	-42	0	55	128	231
			-216	-201	-184	-164	-141	-113	-78	-35	19	93	196
90	135.00	bu	-154	-138	-118	-96	-70	-38	0	48	110	193	309
			-190	-173	-154	-132	-106	-74	-35	12	74	157	273
100	150.00	bu	-128	-110	-89	-64	-35	0	42	96	165	257	386
			-164	-146	-124	-100	-70	-35	7	60	129	221	350
110	165.00	bu	-103	-82	-59	-32	0	38	85	144	220	322	463
			-138	-118	-95	-67	-35	2	50	109	185	286	428
120	180.00	bu	-77	-55	-29	0	35	77	128	193	276	386	541
			-113	-90	-65	-35	-0	41	93	157	240	350	505
130	195.00	bu	-51	-27	0	32	70	115	171	241	331	450	618
			-87	-63	-35	-3	34	80	136	205	295	415	582
140	210.00	bu	-25	0	29	64	105	154	214	289	386	515	695
			-61	-35	-5	28	69	118	179	254	350	479	660
150	225.00	bu	0	27	59	96	140	193	257	338	441	579	773
			-35	-8	23	60	104	157	221	302	406	544	737

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, 2014.

			-----BREAKEVEN PRICE-----										
Corn			2.30	2.43	2.59	2.77	2.98	3.24	3.55	3.94	4.44	5.11	6.05
PERCENT	YIELD	UNIT	-----dollars-----										
50	75.00	bu	-245	-235	-224	-210	-194	-175	-151	-122	-84	-34	35
			-281	-271	-259	-246	-230	-211	-187	-158	-120	-70	0
60	90.00	bu	-217	-205	-191	-175	-156	-133	-105	-69	-24	35	120
			-253	-241	-227	-211	-191	-168	-140	-105	-60	0	84
70	105.00	bu	-189	-175	-159	-140	-117	-90	-58	-17	35	106	204
			-225	-211	-194	-175	-153	-126	-93	-52	0	70	168
80	120.00	bu	-161	-145	-126	-105	-79	-48	-11	35	96	176	289
			-197	-180	-162	-140	-115	-84	-46	0	60	140	253
90	135.00	bu	-133	-115	-94	-69	-41	-6	35	88	156	246	373
			-168	-150	-129	-105	-76	-42	0	52	120	211	337
100	150.00	bu	-105	-84	-61	-34	-2	35	82	141	216	317	458
			-140	-120	-97	-70	-38	0	46	105	180	281	422
110	165.00	bu	-76	-54	-29	0	35	77	129	194	277	387	542
			-112	-90	-64	-35	0	42	93	158	241	351	506
120	180.00	bu	-48	-24	3	35	74	120	176	246	337	458	626
			-84	-60	-32	0	38	84	140	211	301	422	591
130	195.00	bu	-20	5	35	70	112	162	223	299	397	528	711
			-56	-30	0	35	76	126	187	263	361	492	675
140	210.00	bu	7	35	68	106	150	204	270	352	458	598	795
			-28	0	32	70	115	168	234	316	422	563	760
150	225.00	bu	35	65	100	141	189	246	317	405	518	669	880
			0	30	64	105	153	211	281	369	482	633	844

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, 2014.

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	5.00	1.0000	5.00	_____
GIN/DRY					
Dry Corn	bu	0.19	180.0000	34.20	_____
FERTILIZERS					
LA Phosphate	lb	0.50	30.0000	15.00	_____
LA Potash	lb	0.37	60.0000	22.20	_____
LA Nitrogen	lb	0.50	210.0000	105.00	_____
HERBICIDES					
Glyphosate Plus 4L	pt	3.19	2.0000	6.38	_____
2,4-D Amine 4	pt	2.25	1.0000	2.25	_____
Valor WP	oz	4.23	1.0000	4.23	_____
Roundup WeatherMax	oz	0.25	66.0000	16.50	_____
Atrazine 4L	pt	1.75	5.0000	8.75	_____
Select 2EC	oz	0.77	6.0000	4.62	_____
INSECTICIDES					
Karate Z	oz	3.40	2.1300	7.24	_____
Baythroid 2	oz	2.30	2.1300	4.90	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.26	33.0000	8.58	_____
SEED/PLANTS					
Corn Seed RR	thous	3.03	35.0000	106.05	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	48.00	0.3300	15.84	_____
CUSTOM HARVEST/HAUL					
Haul Corn	bu	0.23	180.0000	41.40	_____
OPERATOR LABOR					
Harvesters	hour	12.50	0.1344	1.68	_____
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	3.30	8.2204	27.13	_____
Harvesters	gal	3.30	1.6602	5.48	_____
Roll-Out Pipe Irr.	gal	3.30	8.5535	28.23	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.40	1.0000	7.40	_____
Tractors	Acre	4.28	1.0000	4.28	_____
Harvesters	Acre	2.26	1.0000	2.26	_____
Roll-Out Pipe Irr.	Acre	5.98	1.0000	5.98	_____
INTEREST ON OP. CAP.	Acre	10.34	1.0000	10.34	_____

TOTAL DIRECT EXPENSES				536.41	_____
FIXED EXPENSES					
Implements	Acre	11.23	1.0000	11.23	_____
Tractors	Acre	25.94	1.0000	25.94	_____
Harvesters	Acre	8.66	1.0000	8.66	_____
Roll-Out Pipe Irr.	Acre	45.14	1.0000	45.14	_____

TOTAL FIXED EXPENSES				90.97	_____

TOTAL SPECIFIED EXPENSES				627.38	_____

Table 16.B Estimated resource use and costs for field operations, per Acre
 Corn, Stale Sedbed, RR, Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2014.

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	48.00	15.84	15.84
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	1.57	1.28	0.27	0.52	0.08	0.80				4.44
LA Phosphate	lb											30.0000	0.50	15.00	15.00
LA Potash	lb											60.0000	0.37	22.20	22.20
Disk Harrow	28'	MFWD 225	0.070	1.00	Sep	3.16	2.91	0.82	1.68	0.07	0.67				9.24
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	2.76	2.26	0.30	0.76	0.07	0.71				6.79
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.81	1.48	0.06	0.15	0.04	0.47				3.97
Ditcher		2WD 130	0.020	1.00	Oct	0.50	0.35	0.04	0.05	0.02	0.19				1.13
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	2.25	2.25	2.25
Valor WP	oz											1.0000	4.23	4.23	4.23
Ditcher		2WD 130	0.020	1.00	Mar	0.50	0.35	0.04	0.05	0.02	0.19				1.13
Roller	32'	MFWD 170	0.046	1.00	Mar	1.57	1.32	0.14	0.74	0.04	0.45				4.22
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	Mar	2.69	2.26	1.08	2.00	0.16	1.54				9.57
Corn Seed RR	thous											35.0000	3.03	106.05	106.05
LA Nitrogen	lb											30.0000	0.50	15.00	15.00
Ditcher		2WD 130	0.020	1.00	Mar	0.50	0.35	0.04	0.05	0.02	0.19				1.13
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.90	2.37	0.78	0.85	0.11	1.12	180.0000	0.50	90.00	90.00
LA Nitrogen	lb											1.0000	6.00	6.00	6.00
App by Air (5 gal)	appl			1.00	Apr							22.0000	0.25	5.50	5.50
Roundup WeatherMax	oz											1.0000			
Dual 8E	pt											3.0000	1.75	5.25	5.25
Atrazine 4L	pt											2.1300	3.40	7.24	7.24
Karate Z	oz											1.0000	6.00	6.00	6.00
App by Air (5 gal)	appl			1.00	May							22.0000	0.25	5.50	5.50
Roundup WeatherMax	oz											2.0000	1.75	3.50	3.50
Atrazine 4L	pt											1.0000	5.00	5.00	5.00
App by Air (3 gal)	appl			1.00	Jun							2.1300	2.30	4.90	4.90
Baythroid 2	oz											1.0000	5.00	5.00	5.00
Header - Corn	6R38"	240hp	0.134	1.00	Aug	7.74	8.66	1.46	2.12	0.13	1.68				21.66
Dry Corn	bu											180.0000	0.19	34.20	34.20
Corn Grain Cart 8R40	700bu	MFWD 190	0.025	0.25	Aug	0.23	0.19	0.06	0.10	0.00	0.06				0.64
Haul Corn	bu				Aug							180.0000	0.23	41.40	41.40
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Sep	2.45	2.05	1.90	1.11	0.08	0.79				8.30
App by Air (5 gal)	appl			1.00	Sep							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Select 2EC	oz											6.0000	0.77	4.62	4.62
Roll-Out Pipe Irr.	Acre				Jul	10.77	8.77	34.62	46.19	0.44	4.31	1.0000		8.58	113.24
TOTALS						39.15	34.60	41.61	56.37	1.33	13.17			432.14	617.04
INTEREST ON OPERATING CAPITAL															10.34
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															627.38

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, 2014.

			-----BREAKEVEN PRICE-----										
Corn			2.12	2.25	2.39	2.55	2.74	2.98	3.26	3.61	4.07	4.68	5.53
PERCENT	YIELD	UNIT	-----dollars-----										
50	90.00	bu	-306	-295	-282	-268	-250	-229	-204	-172	-131	-76	0
			-397	-386	-373	-359	-341	-320	-295	-263	-222	-167	-90
60	108.00	bu	-275	-262	-247	-229	-209	-183	-153	-114	-65	0	91
			-366	-353	-338	-320	-299	-274	-244	-205	-156	-90	1
70	126.00	bu	-245	-229	-212	-191	-167	-137	-102	-57	0	76	183
			-336	-320	-303	-282	-258	-228	-193	-148	-90	-14	92
80	144.00	bu	-214	-197	-176	-153	-125	-91	-51	0	65	153	275
			-305	-288	-267	-244	-216	-182	-142	-90	-25	62	184
90	162.00	bu	-183	-164	-141	-114	-83	-45	0	57	131	229	367
			-274	-255	-232	-205	-174	-136	-90	-33	40	138	276
100	180.00	bu	-153	-131	-106	-76	-41	0	51	114	197	306	459
			-244	-222	-197	-167	-132	-90	-39	23	106	215	368
110	198.00	bu	-122	-98	-70	-38	0	45	102	172	262	383	551
			-213	-189	-161	-129	-90	-44	11	81	171	292	460
120	216.00	bu	-91	-65	-35	0	41	91	153	229	328	459	643
			-182	-156	-126	-90	-49	1	62	138	237	368	552
130	234.00	bu	-61	-32	0	38	83	137	204	287	394	536	735
			-152	-123	-90	-52	-7	46	113	196	303	445	644
140	252.00	bu	-30	0	35	76	125	183	255	344	459	613	827
			-121	-90	-55	-14	34	92	164	253	368	522	736
150	270.00	bu	0	32	70	114	167	229	306	402	525	689	919
			-90	-58	-20	23	76	138	215	311	434	598	828

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

Table 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, 2014.

			-----BREAKEVEN PRICE-----										
Corn			2.46	2.61	2.77	2.97	3.20	3.48	3.82	4.25	4.79	5.52	6.54
PERCENT	YIELD	UNIT	-----dollars-----										
50	90.00	bu	-276	-263	-248	-230	-209	-184	-153	-115	-66	-0	90
			-367	-354	-338	-321	-300	-275	-244	-206	-157	-91	0
60	108.00	bu	-239	-223	-205	-184	-159	-129	-92	-46	12	90	201
			-330	-314	-296	-275	-250	-220	-183	-137	-78	0	110
70	126.00	bu	-202	-184	-163	-138	-109	-74	-31	22	90	182	311
			-293	-275	-254	-229	-200	-165	-122	-68	0	91	220
80	144.00	bu	-166	-145	-120	-92	-59	-19	29	90	169	274	421
			-257	-236	-211	-183	-150	-110	-61	0	78	183	330
90	162.00	bu	-129	-105	-78	-46	-9	35	90	159	248	366	531
			-220	-196	-169	-137	-100	-55	0	68	157	275	440
100	180.00	bu	-92	-66	-36	-0	40	90	152	228	327	458	641
			-183	-157	-127	-91	-50	0	61	137	236	367	550
110	198.00	bu	-55	-27	6	45	90	146	213	297	405	549	751
			-146	-118	-84	-45	0	55	122	206	314	459	660
120	216.00	bu	-19	12	48	90	141	201	274	366	484	641	862
			-110	-78	-42	0	50	110	183	275	393	550	771
130	234.00	bu	17	51	90	136	191	256	335	435	563	733	972
			-73	-39	0	45	100	165	244	344	472	642	881
140	252.00	bu	54	90	133	182	241	311	396	504	641	825	1082
			-36	0	42	91	150	220	306	413	550	734	991
150	270.00	bu	90	130	175	228	291	366	458	572	720	917	1192
			0	39	84	137	200	275	367	481	629	826	1101

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, 2014.

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	5.00	1.0000	5.00	_____
GIN/DRY					
Dry Corn	bu	0.19	150.0000	28.50	_____
FERTILIZERS					
LA Phosphate	lb	0.50	30.0000	15.00	_____
LA Potash	lb	0.37	60.0000	22.20	_____
LA Nitrogen	lb	0.50	180.0000	90.00	_____
HERBICIDES					
Glyphosate Plus 4L	pt	3.19	2.0000	6.38	_____
2,4-D Amine 4	pt	2.25	1.0000	2.25	_____
Valor WP	oz	4.23	1.0000	4.23	_____
Roundup WeatherMax	oz	0.25	66.0000	16.50	_____
Atrazine 4L	pt	1.75	5.0000	8.75	_____
Select 2EC	oz	0.77	6.0000	4.62	_____
INSECTICIDES					
Baythroid 2	oz	2.30	2.1300	4.90	_____
SEED/PLANTS					
Corn Seed BtRR	thous	3.21	32.0000	102.72	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	48.00	0.3300	15.84	_____
CUSTOM HARVEST/HAUL					
Haul Corn	bu	0.23	150.0000	34.50	_____
OPERATOR LABOR					
Harvesters	hour	12.50	0.1344	1.68	_____
LA Hired Labor					
Implements	hour	9.60	0.1611	1.54	_____
Tractors	hour	9.60	0.5819	5.58	_____
DIESEL FUEL					
Tractors	gal	3.30	5.3318	17.60	_____
Harvesters	gal	3.30	1.6602	5.48	_____
REPAIR & MAINTENANCE					
Implements	Acre	6.93	1.0000	6.93	_____
Tractors	Acre	2.81	1.0000	2.81	_____
Harvesters	Acre	2.26	1.0000	2.26	_____
INTEREST ON OP. CAP.	Acre	8.80	1.0000	8.80	_____

TOTAL DIRECT EXPENSES				438.07	_____
FIXED EXPENSES					
Implements	Acre	10.08	1.0000	10.08	_____
Tractors	Acre	16.98	1.0000	16.98	_____
Harvesters	Acre	8.66	1.0000	8.66	_____

TOTAL FIXED EXPENSES				35.72	_____

TOTAL SPECIFIED EXPENSES				473.79	_____

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, 2014.

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	48.00	15.84	15.84
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	1.57	1.28	0.27	0.52	0.08	0.80				4.44
LA Phosphate	lb											30.0000	0.50	15.00	15.00
LA Potash	lb											60.0000	0.37	22.20	22.20
Disk Harrow	28'	MFWD 225	0.070	1.00	Sep	3.16	2.91	0.82	1.68	0.07	0.67				9.24
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	2.76	2.26	0.30	0.76	0.07	0.71				6.79
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.81	1.48	0.06	0.15	0.04	0.47				3.97
Ditcher		2WD 130	0.020	1.00	Oct	0.50	0.35	0.04	0.05	0.02	0.19				1.13
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	2.25	2.25	2.25
Valor WP	oz											1.0000	4.23	4.23	4.23
Ditcher		2WD 130	0.020	1.00	Mar	0.50	0.35	0.04	0.05	0.02	0.19				1.13
Roller	32'	MFWD 170	0.046	1.00	Mar	1.57	1.32	0.14	0.74	0.04	0.45				4.22
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	Mar	2.69	2.26	1.08	2.00	0.16	1.54				9.57
Corn Seed BtRR	thous											32.0000	3.21	102.72	102.72
LA Nitrogen	lb											30.0000	0.50	15.00	15.00
Ditcher		2WD 130	0.020	1.00	Mar	0.50	0.35	0.04	0.05	0.02	0.19				1.13
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.90	2.37	0.78	0.85	0.11	1.12	150.0000	0.50	75.00	75.00
LA Nitrogen	lb											1.0000	6.00	6.00	6.00
App by Air (5 gal)	appl			1.00	Apr							22.0000	0.25	5.50	5.50
Roundup WeatherMax	oz											1.0000			
Dual 8E	pt											3.0000	1.75	5.25	5.25
Atrazine 4L	pt											1.0000	6.00	6.00	6.00
App by Air (5 gal)	appl			1.00	May							22.0000	0.25	5.50	5.50
Roundup WeatherMax	oz											2.0000	1.75	3.50	3.50
Atrazine 4L	pt											1.0000	5.00	5.00	5.00
App by Air (3 gal)	appl			1.00	Jun							2.1300	2.30	4.90	4.90
Baythroid 2	oz														
Header - Corn	6R38"	240hp	0.134	1.00	Aug	7.74	8.66	1.46	2.12	0.13	1.68				21.66
Dry Corn	bu											150.0000	0.19	28.50	28.50
Haul Corn	bu			1.00	Aug							150.0000	0.23	34.50	34.50
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Sep	2.45	2.05	1.90	1.11	0.08	0.79				8.30
App by Air (5 gal)	appl			1.00	Sep							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Select 2EC	oz											6.0000	0.77	4.62	4.62
TOTALS						28.15	25.64	6.93	10.08	0.87	8.80			385.39	464.99
INTEREST ON OPERATING CAPITAL															8.80
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															473.79

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, 2014.

			-----BREAKEVEN PRICE-----										
Corn			2.08	2.20	2.34	2.50	2.69	2.92	3.19	3.54	3.98	4.58	5.41
PERCENT	YIELD	UNIT	-----dollars-----										
50	75.00	bu	-249	-240	-230	-218	-204	-187	-166	-140	-106	-62	0
			-285	-276	-266	-254	-239	-222	-202	-176	-142	-98	-35
60	90.00	bu	-224	-213	-201	-187	-170	-149	-124	-93	-53	0	74
			-260	-249	-237	-222	-205	-185	-160	-129	-89	-35	39
70	105.00	bu	-199	-187	-172	-155	-136	-112	-83	-46	0	62	149
			-235	-222	-208	-191	-171	-148	-118	-82	-35	26	113
80	120.00	bu	-174	-160	-143	-124	-102	-74	-41	0	53	124	224
			-210	-196	-179	-160	-137	-110	-77	-35	17	89	188
90	135.00	bu	-149	-133	-115	-93	-68	-37	0	46	106	187	299
			-185	-169	-150	-129	-103	-73	-35	11	71	151	263
100	150.00	bu	-124	-106	-86	-62	-34	0	41	93	160	249	374
			-160	-142	-122	-98	-69	-35	5	57	124	213	338
110	165.00	bu	-99	-80	-57	-31	0	37	83	140	213	311	449
			-135	-115	-93	-66	-35	1	47	104	178	276	413
120	180.00	bu	-74	-53	-28	0	34	74	124	187	267	374	523
			-110	-89	-64	-35	-1	39	89	151	231	338	488
130	195.00	bu	-49	-26	0	31	68	112	166	233	320	436	598
			-85	-62	-35	-4	32	76	130	198	285	400	563
140	210.00	bu	-24	0	28	62	102	149	207	280	374	499	673
			-60	-35	-6	26	66	113	172	244	338	463	637
150	225.00	bu	0	26	57	93	136	187	249	327	427	561	748
			-35	-8	21	57	100	151	213	291	392	525	712

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, 2014.

			-----BREAKEVEN PRICE-----										
Corn			2.24	2.37	2.52	2.70	2.91	3.15	3.46	3.84	4.33	4.98	5.89
PERCENT	YIELD	UNIT	-----dollars-----										
50	75.00	bu	-237	-227	-216	-203	-187	-169	-146	-118	-81	-32	35
			-273	-263	-252	-239	-223	-205	-182	-153	-117	-68	0
60	90.00	bu	-210	-198	-185	-169	-150	-128	-100	-66	-22	35	117
			-246	-234	-220	-205	-186	-164	-136	-102	-58	0	82
70	105.00	bu	-182	-169	-153	-135	-113	-87	-55	-15	35	104	199
			-218	-205	-189	-170	-149	-123	-91	-51	0	68	164
80	120.00	bu	-155	-139	-121	-100	-76	-46	-9	35	94	172	281
			-191	-175	-157	-136	-111	-82	-45	0	58	136	246
90	135.00	bu	-128	-110	-90	-66	-38	-5	35	86	152	240	363
			-164	-146	-126	-102	-74	-41	0	51	117	205	328
100	150.00	bu	-100	-81	-58	-32	-1	35	81	138	211	309	445
			-136	-117	-94	-68	-37	0	45	102	175	273	410
110	165.00	bu	-73	-52	-27	1	35	76	126	189	270	377	527
			-109	-87	-63	-34	0	41	91	153	234	341	492
120	180.00	bu	-46	-22	4	35	72	117	172	240	328	445	609
			-82	-58	-31	0	37	82	136	205	292	410	574
130	195.00	bu	-18	6	35	69	110	158	217	291	387	514	691
			-54	-29	0	34	74	123	182	256	351	478	656
140	210.00	bu	8	35	67	104	147	199	263	343	445	582	773
			-27	0	31	68	111	164	227	307	410	546	738
150	225.00	bu	35	65	98	138	184	240	309	394	504	650	855
			0	29	63	102	149	205	273	358	468	615	820

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, 2014.

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	5.00	1.0000	5.00	_____
GIN/DRY					
Dry Corn	bu	0.19	180.0000	34.20	_____
FERTILIZERS					
LA Phosphate	lb	0.50	30.0000	15.00	_____
LA Potash	lb	0.37	60.0000	22.20	_____
LA Nitrogen	lb	0.50	210.0000	105.00	_____
HERBICIDES					
Glyphosate Plus 4L	pt	3.19	2.0000	6.38	_____
2,4-D Amine 4	pt	2.25	1.0000	2.25	_____
Valor WP	oz	4.23	1.0000	4.23	_____
Roundup WeatherMax	oz	0.25	66.0000	16.50	_____
Atrazine 4L	pt	1.75	5.0000	8.75	_____
Select 2EC	oz	0.77	6.0000	4.62	_____
INSECTICIDES					
Baythroid 2	oz	2.30	2.1300	4.90	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.26	33.0000	8.58	_____
SEED/PLANTS					
Corn Seed BtRR	thous	3.21	35.0000	112.35	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	48.00	0.3300	15.84	_____
CUSTOM HARVEST/HAUL					
Haul Corn	bu	0.23	180.0000	41.40	_____
OPERATOR LABOR					
Harvesters	hour	12.50	0.1344	1.68	_____
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	3.30	8.1593	26.93	_____
Harvesters	gal	3.30	1.6602	5.48	_____
Roll-Out Pipe Irr.	gal	3.30	8.5535	28.23	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.34	1.0000	7.34	_____
Tractors	Acre	4.25	1.0000	4.25	_____
Harvesters	Acre	2.26	1.0000	2.26	_____
Roll-Out Pipe Irr.	Acre	5.98	1.0000	5.98	_____
INTEREST ON OP. CAP.	Acre	10.34	1.0000	10.34	_____

TOTAL DIRECT EXPENSES				535.12	_____
FIXED EXPENSES					
Implements	Acre	11.13	1.0000	11.13	_____
Tractors	Acre	25.75	1.0000	25.75	_____
Harvesters	Acre	8.66	1.0000	8.66	_____
Roll-Out Pipe Irr.	Acre	45.14	1.0000	45.14	_____

TOTAL FIXED EXPENSES				90.68	_____

TOTAL SPECIFIED EXPENSES				625.80	_____

Table 18.B Estimated resource use and costs for field operations, per Acre
 Corn, Stale Sedbed, BtRR, Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2014.

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	48.00	15.84	15.84
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	1.57	1.28	0.27	0.52	0.08	0.80				4.44
LA Phosphate	lb											30.0000	0.50	15.00	15.00
LA Potash	lb											60.0000	0.37	22.20	22.20
Disk Harrow	28'	MFWD 225	0.070	1.00	Sep	3.16	2.91	0.82	1.68	0.07	0.67				9.24
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	2.76	2.26	0.30	0.76	0.07	0.71				6.79
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.81	1.48	0.06	0.15	0.04	0.47				3.97
Ditcher		2WD 130	0.020	1.00	Oct	0.50	0.35	0.04	0.05	0.02	0.19				1.13
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	2.25	2.25	2.25
Valor WP	oz											1.0000	4.23	4.23	4.23
Ditcher		2WD 130	0.020	1.00	Mar	0.50	0.35	0.04	0.05	0.02	0.19				1.13
Roller	32'	MFWD 170	0.046	1.00	Mar	1.57	1.32	0.14	0.74	0.04	0.45				4.22
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	Mar	2.69	2.26	1.08	2.00	0.16	1.54				9.57
Corn Seed BtRR	thous											35.0000	3.21	112.35	112.35
LA Nitrogen	lb											30.0000	0.50	15.00	15.00
Ditcher		2WD 130	0.020	1.00	Mar	0.50	0.35	0.04	0.05	0.02	0.19				1.13
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.90	2.37	0.78	0.85	0.11	1.12				8.02
LA Nitrogen	lb											180.0000	0.50	90.00	90.00
App by Air (5 gal)	appl			1.00	Apr							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Dual 8E	pt											1.0000			
Atrazine 4L	pt											3.0000	1.75	5.25	5.25
App by Air (5 gal)	appl			1.00	May							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Atrazine 4L	pt											2.0000	1.75	3.50	3.50
App by Air (3 gal)	appl			1.00	Jun							1.0000	5.00	5.00	5.00
Baythroid 2	oz											2.1300	2.30	4.90	4.90
Header - Corn	6R38"	240hp	0.134	1.00	Aug	7.74	8.66	1.46	2.12	0.13	1.68				21.66
Dry Corn	bu											180.0000	0.19	34.20	34.20
Haul Corn	bu			1.00	Aug							180.0000	0.23	41.40	41.40
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Sep	2.45	2.05	1.90	1.11	0.08	0.79				8.30
App by Air (5 gal)	appl			1.00	Sep							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Select 2EC	oz											6.0000	0.77	4.62	4.62
Roll-Out Pipe Irr.	Acre				Jul	10.77	8.77	34.62	46.19	0.44	4.31	1.0000		8.58	113.24
TOTALS						38.92	34.41	41.55	56.27	1.32	13.11			431.20	615.46
INTEREST ON OPERATING CAPITAL															10.34
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															625.80

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, 2014.

			-----BREAKEVEN PRICE-----										
Corn			2.12	2.24	2.38	2.54	2.74	2.97	3.25	3.60	4.06	4.67	5.52
PERCENT	YIELD	UNIT	-----dollars-----										
50	90.00	bu	-305	-294	-282	-267	-250	-229	-203	-171	-131	-76	0
			-396	-385	-372	-358	-340	-319	-294	-262	-221	-167	-90
60	108.00	bu	-275	-262	-246	-229	-208	-183	-152	-114	-65	0	91
			-365	-352	-337	-319	-299	-274	-243	-205	-156	-90	1
70	126.00	bu	-244	-229	-211	-191	-166	-137	-101	-57	0	76	183
			-335	-319	-302	-281	-257	-228	-192	-148	-90	-14	92
80	144.00	bu	-213	-196	-176	-152	-125	-91	-50	0	65	152	275
			-304	-287	-267	-243	-215	-182	-141	-90	-25	62	184
90	162.00	bu	-183	-163	-141	-114	-83	-45	0	57	131	229	366
			-274	-254	-231	-205	-174	-136	-90	-33	40	138	276
100	180.00	bu	-152	-131	-105	-76	-41	0	50	114	196	305	458
			-243	-221	-196	-167	-132	-90	-39	23	105	215	367
110	198.00	bu	-122	-98	-70	-38	0	45	101	171	262	382	550
			-212	-188	-161	-128	-90	-44	11	81	171	291	459
120	216.00	bu	-91	-65	-35	0	41	91	152	229	327	458	641
			-182	-156	-125	-90	-48	1	62	138	236	367	551
130	234.00	bu	-61	-32	0	38	83	137	203	286	393	534	733
			-151	-123	-90	-52	-7	46	113	195	302	444	643
140	252.00	bu	-30	0	35	76	125	183	254	343	458	611	825
			-121	-90	-55	-14	34	92	164	253	367	520	734
150	270.00	bu	0	32	70	114	166	229	305	401	524	687	917
			-90	-57	-20	23	76	138	215	310	433	597	826

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, 2014.

			-----BREAKEVEN PRICE-----										
Corn			2.45	2.60	2.77	2.96	3.19	3.47	3.81	4.23	4.78	5.51	6.52
PERCENT	YIELD	UNIT	-----dollars-----										
50	90.00	bu	-275	-262	-247	-229	-208	-183	-153	-115	-66	-0	90
			-366	-353	-338	-320	-299	-274	-244	-205	-156	-91	0
60	108.00	bu	-238	-223	-205	-183	-158	-129	-92	-46	12	90	200
			-329	-313	-295	-274	-249	-219	-183	-137	-78	0	109
70	126.00	bu	-202	-183	-162	-138	-109	-74	-31	22	90	182	310
			-292	-274	-253	-228	-199	-164	-122	-68	0	91	219
80	144.00	bu	-165	-144	-120	-92	-59	-19	29	90	169	273	420
			-256	-235	-211	-183	-149	-109	-61	0	78	183	329
90	162.00	bu	-129	-105	-78	-46	-9	35	90	159	247	365	530
			-219	-196	-169	-137	-99	-54	0	68	156	274	439
100	180.00	bu	-92	-66	-36	-0	40	90	151	227	326	456	639
			-183	-156	-126	-91	-49	0	61	137	235	366	549
110	198.00	bu	-55	-27	6	44	90	145	212	296	404	548	749
			-146	-117	-84	-45	0	54	122	205	313	457	659
120	216.00	bu	-19	12	48	90	140	200	273	365	483	639	859
			-109	-78	-42	0	49	109	183	274	392	549	768
130	234.00	bu	17	51	90	136	190	255	334	433	561	731	969
			-73	-39	0	45	99	164	244	343	470	640	878
140	252.00	bu	54	90	132	182	240	310	395	502	639	823	1079
			-36	0	42	91	149	219	305	411	549	732	988
150	270.00	bu	90	129	175	227	290	365	456	571	718	914	1189
			0	39	84	137	199	274	366	480	627	823	1098

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, 2014.

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	5.00	2.0000	10.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.50	110.0000	55.00	_____
LA Phosphate	lb	0.50	40.0000	20.00	_____
LA Potash	lb	0.37	40.0000	14.80	_____
FUNGICIDES					
Cruiser 5FS	oz	17.38	1.2800	22.25	_____
HERBICIDES					
Roundup WeatherMax	oz	0.25	55.0000	13.75	_____
2,4-D Amine 4	pt	2.25	2.0000	4.50	_____
Atrazine 4L	pt	1.75	4.0000	7.00	_____
Dual II Magnum	pt	14.50	1.0000	14.50	_____
INSECTICIDES					
Karate Z	oz	3.40	4.2600	14.48	_____
Lannate LV	pt	9.72	1.5000	14.58	_____
SEED/PLANTS					
Sorghum Concept	lb	2.11	6.0000	12.66	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	48.00	0.3300	15.84	_____
CUSTOM HARVEST/HAUL					
Haul Sorghum	bu	0.25	100.0000	25.00	_____
OPERATOR LABOR					
Harvesters	hour	12.50	0.0851	1.06	_____
LA Hired Labor					
Implements	hour	9.60	0.1190	1.14	_____
Tractors	hour	9.60	0.4011	3.85	_____
DIESEL FUEL					
Tractors	gal	3.30	3.4993	11.55	_____
Harvesters	gal	3.30	1.2047	3.98	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.92	1.0000	4.92	_____
Tractors	Acre	1.82	1.0000	1.82	_____
Harvesters	Acre	2.43	1.0000	2.43	_____
INTEREST ON OP. CAP.	Acre	5.84	1.0000	5.84	_____
TOTAL DIRECT EXPENSES				289.95	_____
FIXED EXPENSES					
Implements	Acre	6.49	1.0000	6.49	_____
Tractors	Acre	10.96	1.0000	10.96	_____
Harvesters	Acre	9.30	1.0000	9.30	_____
TOTAL FIXED EXPENSES				26.75	_____
TOTAL SPECIFIED EXPENSES				316.70	_____

Table 19.B Estimated resource use and costs for field operations, per Acre
 Grain Sorghum, 8-Row Equipment (38" Rows),
 Louisiana, 2014.

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	48.00	15.84	15.84
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	2.76	2.26	0.30	0.76	0.07	0.71				6.79
Roller	32'	MFWD 170	0.046	1.00	Oct	1.57	1.32	0.14	0.74	0.04	0.45				4.22
Ditcher		2WD 130	0.020	1.00	Oct	0.50	0.35	0.04	0.05	0.02	0.19				1.13
App by Air (5 gal)	appl			1.00	Mar							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
2,4-D Amine 4	pt											2.0000	2.25	4.50	4.50
Ditcher		2WD 130	0.020	1.00	Apr	0.50	0.35	0.04	0.05	0.02	0.19				1.13
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	Apr	2.69	2.26	1.08	2.00	0.16	1.54				9.57
Sorghum Concept	lb											6.0000	2.11	12.66	12.66
Cruiser 5FS	oz											1.2800	17.38	22.25	22.25
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.90	2.37	0.78	0.85	0.11	1.12				8.02
LA Nitrogen	lb											110.0000	0.50	55.00	55.00
LA Phosphate	lb											40.0000	0.50	20.00	20.00
LA Potash	lb											40.0000	0.37	14.80	14.80
Atrazine 4L	pt			1.00	Apr							4.0000	1.75	7.00	7.00
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Dual II Magnum	pt											1.0000	14.50	14.50	14.50
App by Air (3 gal)	appl			1.00	Jun							1.0000	5.00	5.00	5.00
Karate Z	oz											2.1300	3.40	7.24	7.24
App by Air (3 gal)	appl			1.00	Jul							1.0000	5.00	5.00	5.00
Karate Z	oz											2.1300	3.40	7.24	7.24
Lannate LV	pt											1.5000	9.72	14.58	14.58
App by Air (5 gal)	appl			0.50	Aug							0.5000	6.00	3.00	3.00
Roundup WeatherMax	oz											11.0000	0.25	2.75	2.75
Header Wheat/Sorghum	30' Rigid	275hp	0.085	1.00	Aug	6.41	9.30	0.64	0.93	0.08	1.06				18.34
Haul Sorghum	bu			1.00	Aug							100.0000	0.25	25.00	25.00
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Sep	2.45	2.05	1.90	1.11	0.08	0.79				8.30
TOTALS						19.78	20.26	4.92	6.49	0.60	6.05			253.36	310.86
INTEREST ON OPERATING CAPITAL															5.84
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															316.70

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, 2014.

			-----BREAKEVEN PRICE-----										
Grain Sorghum			2.01	2.14	2.28	2.45	2.65	2.89	3.19	3.56	4.03	4.66	5.54
PERCENT	YIELD	UNIT	-----dollars-----										
50	50.00	bu	-176	-170	-162	-154	-144	-132	-117	-99	-75	-44	0
			-203	-196	-189	-181	-171	-159	-144	-125	-102	-70	-26
60	60.00	bu	-158	-151	-142	-132	-120	-105	-88	-66	-37	0	52
			-185	-177	-169	-159	-147	-132	-114	-92	-64	-26	26
70	70.00	bu	-141	-132	-122	-110	-96	-79	-58	-33	0	44	105
			-167	-159	-148	-137	-122	-106	-85	-59	-26	17	79
80	80.00	bu	-123	-113	-101	-88	-72	-52	-29	0	37	88	158
			-150	-140	-128	-114	-98	-79	-56	-26	11	61	132
90	90.00	bu	-105	-94	-81	-66	-48	-26	0	33	75	132	211
			-132	-121	-108	-92	-74	-53	-26	6	48	105	184
100	100.00	bu	-88	-75	-61	-44	-24	0	29	66	113	176	264
			-114	-102	-87	-70	-50	-26	2	39	86	149	237
110	110.00	bu	-70	-56	-40	-22	0	26	58	99	151	220	317
			-97	-83	-67	-48	-26	-0	32	72	124	193	290
120	120.00	bu	-52	-37	-20	0	24	52	88	132	189	264	370
			-79	-64	-47	-26	-2	26	61	105	162	237	343
130	130.00	bu	-35	-18	0	22	48	79	117	165	226	308	423
			-62	-45	-26	-4	21	52	90	138	200	281	396
140	140.00	bu	-17	0	20	44	72	105	147	198	264	352	476
			-44	-26	-6	17	45	79	120	171	237	326	449
150	150.00	bu	0	18	40	66	96	132	176	231	302	396	529
			-26	-7	13	39	69	105	149	204	275	370	502

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, 2014.

			-----BREAKEVEN PRICE-----										
Grain Sorghum			2.19	2.33	2.49	2.68	2.90	3.16	3.49	3.89	4.41	5.10	6.08
PERCENT	YIELD	UNIT	-----dollars-----										
50	50.00	bu	-167	-160	-152	-143	-132	-118	-102	-82	-56	-21	26
			-194	-187	-179	-169	-158	-145	-129	-109	-83	-48	0
60	60.00	bu	-148	-139	-130	-118	-105	-89	-70	-46	-14	26	85
			-174	-166	-156	-145	-132	-116	-97	-72	-41	0	58
70	70.00	bu	-128	-118	-107	-94	-79	-60	-38	-9	26	75	143
			-155	-145	-134	-121	-105	-87	-64	-36	0	48	116
80	80.00	bu	-109	-98	-85	-70	-52	-31	-5	26	68	123	201
			-135	-124	-112	-97	-79	-58	-32	0	41	97	174
90	90.00	bu	-89	-77	-62	-46	-26	-2	26	63	110	172	259
			-116	-104	-89	-72	-52	-29	0	36	83	145	233
100	100.00	bu	-70	-56	-40	-21	0	26	59	99	151	221	318
			-97	-83	-67	-48	-26	0	32	72	124	194	291
110	110.00	bu	-50	-35	-18	2	26	55	91	136	193	269	376
			-77	-62	-44	-24	0	29	64	109	166	242	349
120	120.00	bu	-31	-14	4	26	53	85	123	172	234	318	434
			-58	-41	-22	0	26	58	97	145	208	291	407
130	130.00	bu	-12	5	26	51	79	114	156	208	276	366	492
			-38	-20	0	24	52	87	129	182	249	339	466
140	140.00	bu	7	26	49	75	106	143	188	245	318	415	551
			-19	0	22	48	79	116	161	218	291	388	524
150	150.00	bu	26	47	71	99	132	172	221	281	359	463	609
			0	20	44	72	105	145	194	254	333	437	582

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

Table 20.A Estimated costs per Acre
Wheat, 8-Row Equipment, Drill Plant,
Alluvial Soil, Louisiana, 2014.

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	5.00	2.0000	10.00	_____
FERTILIZERS					
LA Phosphate	lb	0.50	40.0000	20.00	_____
LA Potash	lb	0.37	40.0000	14.80	_____
LA Nitrogen	lb	0.50	90.0000	45.00	_____
HERBICIDES					
Harmony Extra	oz	13.27	0.4500	5.97	_____
INSECTICIDES					
Mustang Max	oz	1.60	4.0000	6.40	_____
Karate Z	oz	3.40	2.1300	7.24	_____
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	3.68	0.2000	0.74	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	48.00	0.3300	15.84	_____
App Fert by Air(Min)	appl	7.00	1.0000	7.00	_____
CUSTOM HARVEST/HAUL					
Haul Wheat	bu	0.26	60.0000	15.60	_____
OPERATOR LABOR					
Harvesters	hour	12.50	0.0851	1.06	_____
LA Hired Labor					
Implements	hour	9.60	0.1097	1.05	_____
Tractors	hour	9.60	0.2785	2.66	_____
DIESEL FUEL					
Tractors	gal	3.30	2.9104	9.61	_____
Harvesters	gal	3.30	1.2047	3.98	_____
REPAIR & MAINTENANCE					
Implements	Acre	3.64	1.0000	3.64	_____
Tractors	Acre	1.60	1.0000	1.60	_____
Harvesters	Acre	2.43	1.0000	2.43	_____
INTEREST ON OP. CAP.	Acre	3.21	1.0000	3.21	_____
TOTAL DIRECT EXPENSES				217.37	_____
FIXED EXPENSES					
Implements	Acre	7.17	1.0000	7.17	_____
Tractors	Acre	9.75	1.0000	9.75	_____
Harvesters	Acre	9.30	1.0000	9.30	_____
TOTAL FIXED EXPENSES				26.22	_____
TOTAL SPECIFIED EXPENSES				243.59	_____

Table 20.B Estimated resource use and costs for field operations, per Acre
Wheat, 8-Row Equipment, Drill Plant,
Alluvial Soil, Louisiana, 2014.

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	1.57	1.28	0.27	0.52	0.08	0.80				4.44
LA Phosphate	lb											40.0000	0.50	20.00	20.00
LA Potash	lb											40.0000	0.37	14.80	14.80
Lime (Spread)	ton			0.33	Oct							0.3300	48.00	15.84	15.84
Disk Harrow	28'	MFWD 225	0.070	1.00	Oct	3.16	2.91	0.82	1.68	0.07	0.67				9.24
Row Cond (Plant)	27'	MFWD 190	0.078	1.00	Oct	2.93	2.40	0.24	0.99	0.07	0.75				7.31
Ditcher		2WD 130	0.020	1.00	Oct	0.50	0.35	0.04	0.05	0.02	0.19				1.13
Grain Drill & Pre	30'	MFWD 225	0.067	1.00	Dec	3.05	2.81	1.63	3.00	0.13	1.30				11.79
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	3.68	0.74	0.74
App Fert by Air(Min)	appl			1.00	Feb							1.0000	7.00	7.00	7.00
LA Nitrogen	lb											90.0000	0.50	45.00	45.00
App by Air (3 gal)	appl			1.00	Feb							1.0000	5.00	5.00	5.00
Mustang Max	oz											4.0000	1.60	6.40	6.40
App by Air (3 gal)	appl			1.00	Apr							1.0000	5.00	5.00	5.00
Karate Z	oz											2.1300	3.40	7.24	7.24
Header Wheat/Sorghum	30' Rigid	275hp	0.085	1.00	May	6.41	9.30	0.64	0.93	0.08	1.06				18.34
Haul Wheat	bu			1.00	May							60.0000	0.26	15.60	15.60
TOTALS						17.62	19.05	3.64	7.17	0.47	4.77			188.13	240.38
INTEREST ON OPERATING CAPITAL															3.21
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															243.59

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, 2014.

			-----BREAKEVEN PRICE-----										
LA Wheat			2.50	2.66	2.84	3.06	3.31	3.62	3.99	4.46	5.06	5.86	6.98
PERCENT	YIELD	UNIT	-----dollars-----										
50	30.00	bu	-134	-129	-123	-117	-109	-100	-89	-75	-57	-33	0
			-160	-155	-150	-143	-136	-126	-115	-101	-83	-59	-26
60	36.00	bu	-120	-115	-108	-100	-91	-80	-67	-50	-28	0	40
			-147	-141	-134	-126	-117	-106	-93	-76	-54	-26	14
70	42.00	bu	-107	-100	-92	-83	-73	-60	-44	-25	0	33	80
			-133	-126	-119	-110	-99	-86	-70	-51	-26	7	54
80	48.00	bu	-94	-86	-77	-67	-54	-40	-22	0	28	67	120
			-120	-112	-103	-93	-81	-66	-48	-26	2	40	94
90	54.00	bu	-80	-71	-61	-50	-36	-20	0	25	57	100	161
			-106	-98	-88	-76	-62	-46	-26	-1	31	74	134
100	60.00	bu	-67	-57	-46	-33	-18	0	22	50	86	134	201
			-93	-83	-72	-59	-44	-26	-3	24	60	108	175
110	66.00	bu	-53	-43	-30	-16	0	20	44	75	115	167	241
			-79	-69	-57	-43	-26	-6	18	49	88	141	215
120	72.00	bu	-40	-28	-15	0	18	40	67	100	143	201	282
			-66	-54	-41	-26	-7	14	40	74	117	175	255
130	78.00	bu	-26	-14	0	16	36	60	89	125	172	235	322
			-53	-40	-26	-9	10	34	63	99	146	208	296
140	84.00	bu	-13	0	15	33	54	80	111	151	201	268	362
			-39	-26	-10	7	28	54	85	124	175	242	336
150	90.00	bu	0	14	30	50	73	100	134	176	230	302	402
			-26	-11	4	24	47	74	108	150	203	275	376

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, 2014.

			-----BREAKEVEN PRICE-----										
LA Wheat			2.79	2.97	3.18	3.42	3.71	4.05	4.48	5.00	5.68	6.58	7.85
PERCENT	YIELD	UNIT	-----dollars-----										
50	30.00	bu	-125	-120	-113	-106	-97	-87	-74	-59	-38	-11	26
			-151	-146	-140	-132	-124	-113	-101	-85	-65	-37	0
60	36.00	bu	-110	-103	-96	-87	-77	-64	-49	-30	-6	26	71
			-136	-130	-122	-113	-103	-91	-75	-56	-32	0	45
70	42.00	bu	-95	-87	-78	-68	-56	-42	-24	-2	26	64	117
			-121	-113	-105	-94	-82	-68	-50	-28	0	37	91
80	48.00	bu	-80	-71	-61	-49	-35	-19	0	26	58	102	162
			-106	-97	-87	-75	-62	-45	-25	0	32	75	136
90	54.00	bu	-64	-55	-43	-30	-15	3	26	54	91	140	208
			-91	-81	-70	-56	-41	-22	0	28	65	113	182
100	60.00	bu	-49	-38	-26	-11	5	26	51	83	123	177	253
			-75	-65	-52	-37	-20	0	25	56	97	151	227
110	66.00	bu	-34	-22	-8	7	26	48	76	111	156	215	299
			-60	-48	-35	-18	0	22	50	85	130	189	273
120	72.00	bu	-19	-6	8	26	46	71	102	140	188	253	344
			-45	-32	-17	0	20	45	75	113	162	227	318
130	78.00	bu	-4	9	26	45	67	94	127	168	221	291	390
			-30	-16	0	18	41	68	101	142	195	265	364
140	84.00	bu	11	26	43	64	88	117	152	196	253	329	435
			-15	0	17	37	62	91	126	170	227	303	409
150	90.00	bu	26	42	61	83	109	140	177	225	286	367	481
			0	16	35	56	82	113	151	199	260	341	455

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, 2014.

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	5.00	5.0000	25.00	_____
FERTILIZERS					
LA Phosphate	lb	0.50	50.0000	25.00	_____
LA Potash	lb	0.37	50.0000	18.50	_____
LA Nitrogen	lb	0.50	80.0000	40.00	_____
FUNGICIDES					
Quadris	oz	3.00	6.0000	18.00	_____
Stratego	pt	18.25	0.6300	11.50	_____
HERBICIDES					
Sencor DF	lb	12.50	0.1900	2.38	_____
Roundup WeatherMax	oz	0.25	66.0000	16.50	_____
Valor WP	oz	4.23	2.0000	8.46	_____
Dual II Magnum	pt	14.50	1.0000	14.50	_____
Flexstar HL	pt	4.50	1.0000	4.50	_____
INSECTICIDES					
Karate Z	oz	3.40	2.1300	7.24	_____
Orthene 90S	lb	5.75	1.7500	10.06	_____
Intrepid 2F	oz	1.76	6.0000	10.56	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.26	33.0000	8.58	_____
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	1.11	50.0000	55.50	_____
Corn Seed VT3Pro	thous	3.12	12.0000	37.44	_____
Cotton Seed Liberty	thous	1.05	16.0000	16.80	_____
ADJUVANTS					
Surfactant	pt	3.68	2.5000	9.20	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	48.00	0.3300	15.84	_____
App Fert by Air(Min)	appl	7.00	1.0000	7.00	_____
CUSTOM HARVEST/HAUL					
Haul Wheat	bu	0.26	50.0000	13.00	_____
Haul Soybeans	bu	0.27	45.0000	12.15	_____
OPERATOR LABOR					
Harvesters	hour	12.50	0.1702	2.12	_____
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	3.30	8.1334	26.84	_____
Harvesters	gal	3.30	2.4094	7.96	_____
Roll-Out Pipe Irr.	gal	3.30	4.8877	16.14	_____
REPAIR & MAINTENANCE					
Implements	Acre	8.52	1.0000	8.52	_____
Tractors	Acre	4.23	1.0000	4.23	_____
Harvesters	Acre	4.86	1.0000	4.86	_____
Roll-Out Pipe Irr.	Acre	4.48	1.0000	4.48	_____
INTEREST ON OP. CAP.	Acre	8.37	1.0000	8.37	_____
TOTAL DIRECT EXPENSES				546.79	_____
FIXED EXPENSES					
Implements	Acre	13.78	1.0000	13.78	_____
Tractors	Acre	25.68	1.0000	25.68	_____
Harvesters	Acre	18.60	1.0000	18.60	_____
Roll-Out Pipe Irr.	Acre	45.14	1.0000	45.14	_____
TOTAL FIXED EXPENSES				103.20	_____
TOTAL SPECIFIED EXPENSES				649.99	_____

Table 21.B Estimated resource use and costs for field operations, per Acre
Wheat and Irrigated Soybeans, (double crop),
Alluvial Soil, Louisiana, 2014.

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	1.57	1.28	0.27	0.52	0.08	0.80				4.44
LA Phosphate	lb											50.0000	0.50	25.00	25.00
LA Potash	lb											50.0000	0.37	18.50	18.50
Lime (Spread)	ton			0.33	Oct							0.3300	48.00	15.84	15.84
Disk Harrow	28'	MFWD 170	0.070	1.00	Oct	2.35	1.98	0.82	1.68	0.07	0.67				7.50
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.81	1.48	0.06	0.15	0.04	0.47				3.97
Row Cond (Plant)	27'	MFWD 190	0.078	1.00	Nov	2.93	2.40	0.24	0.99	0.07	0.75				7.31
Ditcher		2WD 130	0.020	1.00	Nov	0.50	0.35	0.04	0.05	0.02	0.19				1.13
Grain Drill	30'	MFWD 225	0.062	1.00	Nov	2.83	2.61	1.38	2.55	0.12	1.20				10.57
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	12.50	2.38	2.38
LA Nitrogen	lb			1.00	Feb							80.0000	0.50	40.00	40.00
App Fert by Air(Min)	appl											1.0000	7.00	7.00	7.00
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	3.68	5.52	5.52
App by Air (3 gal)	appl			1.00	Mar							1.0000	5.00	5.00	5.00
Karate Z	oz											2.1300	3.40	7.24	7.24
Header Wheat/Sorghum	30' Rigid	275hp	0.085	1.00	May	6.41	9.30	0.64	0.93	0.08	1.06				18.34
Haul Wheat	bu			1.00	May							50.0000	0.26	13.00	13.00
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	May	2.45	2.05	1.90	1.11	0.08	0.79				8.30
Roundup WeatherMax	oz			1.00	May							22.0000	0.25	5.50	5.50
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	3.94	3.22	1.99	3.67	0.21	2.04				14.86
Soybean Seed RR	lb											50.0000	1.11	55.50	55.50
Ditcher		2WD 130	0.020	1.00	May	0.50	0.35	0.04	0.05	0.02	0.19				1.13
App by Air (5 gal)	appl			1.00	Jun							1.0000	6.00	6.00	6.00
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Dual II Magnum	pt											1.0000	14.50	14.50	14.50
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jul	1.42	1.19	0.14	0.17	0.06	0.61				3.53
Roundup WeatherMax	oz											22.0000	0.25	5.50	5.50
Flexstar HL	pt											1.0000	4.50	4.50	4.50
App by Air (3 gal)	appl			1.00	Jul							1.0000	5.00	5.00	5.00
Corn Seed VT3Pro	thous											6.0000	3.12	18.72	18.72
Quadris	oz											6.0000	3.00	18.00	18.00
App by Air (3 gal)	appl			1.00	Jul							1.0000	5.00	5.00	5.00
Orthene 90S	lb											1.0000	5.75	5.75	5.75
App by Air (3 gal)	appl			1.00	Aug							1.0000	5.00	5.00	5.00
Stratego	pt											0.6300	18.25	11.50	11.50
Corn Seed VT3Pro	thous											6.0000	3.12	18.72	18.72
App by Air (3 gal)	appl			1.00	Aug							1.0000	5.00	5.00	5.00
Orthene 90S	lb											0.7500	5.75	4.31	4.31
Intrepid 2F	oz											6.0000	1.76	10.56	10.56
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	3.68	3.68	3.68
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	6.41	9.30	0.59	0.86	0.08	1.06				18.22
Haul Soybeans	bu			1.00	Oct							45.0000	0.27	12.15	12.15
Roll-Out Pipe Irr.	Acre				Jul	10.77	8.77	21.03	46.19	0.44	4.31	1.0000		8.58	99.65
TOTALS						43.89	44.28	29.14	58.92	1.42	14.14			451.25	641.62
INTEREST ON OPERATING CAPITAL															8.37
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															649.99

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Appendix Table 1. Operating Inputs: Estimated Prices for 2014.

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
		dollars			dollars
ADJUVANTS			TERRACHLOR FLOWABLE		
Crop Oil (Seed Oil)	pt	4.68	Terraclor 2EC	pt	1.87
Crop Oil (Petroleum)	pt	3.72	Terraclor Super X EC	pt	3.95
Surfactant	pt	3.68	Terraclor Super X G	lb	2.82
CUSTOM FERT/LIME			TILT 3.6 EC		
App Fert by Air	cwt	7.00	Vitavax 200	oz	0.47
App Fert by Air(Min)	appl	7.00	Vitavax M Flowable	oz	1.06
Custom Apply Fert	acre	7.50	Vitavax RTU-Thiram	oz	0.35
Custom Spread(Truc	appl	4.50	Vitavax T-L	oz	0.29
Lime (Spread)	ton	48.00	GIN/DRY		
CUSTOM HARVEST/HAUL			Dry Corn		
Custom Combine Rice	acre	0.00	Dry Grain Sorghum	cwt	0.25
Haul Corn	bu	0.23	Dry Rice	bu	0.40
Haul Cotton	lb	0.02	Dry Rice (cwt)	cwt	0.90
Haul Sorghum	bu	0.25	GROWTH REGULATORS		
Haul Soybeans	bu	0.27	Early Harvest PGR	oz	1.55
Haul Wheat	bu	0.26	LA Polado	oz	0.38
LARice Haul	cwt	0.30	Mepex	oz	0.08
CUSTOM PLANT			PGR IV		
LARice Air Plant NE	cwt	5.50	Pix Plus	oz	0.15
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	5.00	Ammonium Sulfate	lb	0.20
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	8.17
LARice GPS Charge_NE	acre	0.25	Def/Folex	pt	8.63
FERTILIZERS			DROPP 50 WP		
Amm Nitrate (34% N)	cwt	22.50	Dropp SC	oz	1.09
Amm Sulfate (21% N)	cwt	17.75	Ethephon 6E	pt	3.00
Fert 10-34-0	cwt	28.25	Finish 6	pt	4.44
Fert 41-0-0-4	cwt	20.50	Folex 6EC	pt	7.55
LA Nitrogen	lb	0.50	Ginstar EC	pt	26.86
LA Phosphate	lb	0.50	Gramoxone Extra	pt	4.86
LA Potash	lb	0.37	Gramoxone Inteon	oz	0.25
Phosphorus(46% P2O5)	cwt	24.00	Gramoxone Max	pt	5.46
Potash (60% K2O)	cwt	23.75	Harvade 5F	oz	0.67
Sulfur	lb	0.30	Leafless	pt	18.56
UAN (32% N)	cwt	19.50	Prep	pt	4.00
UAN + Sulfur (28% N)	cwt	19.50	Sodium Chlorate 3L	gal	3.45
Urea, Solid (46% N)	cwt	22.60	Sodium Chlorate 6L	gal	6.11
Zinc	lb	0.50	Starfire	pt	0.00
FUNGICIDES			HERBICIDES		
Apron Maxx RTA	oz	0.74	2,4-D Amine 4	pt	2.25
Apron XL	oz	8.51	2,4-D Ester	pt	2.31
Apron XL LS	oz	7.93	AAtrex 4L	pt	2.22
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	7.19
Delta Coat AD	oz	3.75	Aim DF	oz	9.65
Dithane F-45	qt	8.63	Arrosolo	qt	7.88
Dithane Rainsheild	lb	2.84	Assure II	oz	0.70
Fungicide	lb	2.82	Atrazine 4L	pt	1.75
Gem 25 WG	oz	3.70	Atrazine 90DF	lb	3.50
Manzate 75 DF	lb	5.25	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	28.25	Basagran	pt	11.88
Quadris	oz	3.00	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	3.76
Ridomil Gold PC Liq	oz	6.22	Bicep II Magnum	qt	11.22
Rovral 4F	pt	16.88	Bicep II zmsgnum	qt	11.22
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	18.25			

HERBICIDES (CON'T)

Blazer Ultra	pt	9.37
Boa	pt	3.63
Bolero 8EC	pt	7.25
Boundary	pt	9.37
Buctril 4EC	pt	17.06
Butoxone 175(2,4-DB)	pt	3.24
Butoxone 200(2,4-DB)	pt	3.92
Butyrac 175 (2,4-DB)	pt	2.71
Butyrac 200 (2,4-DB)	pt	4.18
Canopy 75%	oz	2.50
Canopy XL	oz	2.23
Caparol 4L	pt	2.68
Caparol Accu-Pak	lb	0.00
Celebrity Plus	lb	84.50
Clarity	pt	10.19
Classic	oz	15.28
Clincher EC	oz	2.15
Cobra 2EC	oz	1.45
Command 3ME	pt	17.75
Command XTRA	pt	0.00
Conclude Ultra	pt	0.00
Conclude Ultra	pt	0.00
Conclude XACT	pt	11.32
Conclude XTRA	pt	8.32
Cornerstone	pt	2.50
Cotoran 4L	pt	5.80
Cotoran DF	lb	7.92
Cotton Pro Flowable	pt	3.44
Crossbow	pt	8.05
Cy-Pro 4L	qt	0.00
Cypro 90DF	lb	0.00
Delta Goal	pt	9.44
Denim 0.16 EC	pt	24.06
Detail	pt	7.99
Direx 4L	pt	3.25
Direx 80 DF	lb	7.37
Diuron 4L	pt	3.45
Diuron 80 DF	lb	4.88
Domain 60DF	lb	12.75
DSMA 4	pt	0.90
Dual 8E	pt	0.00
Dual II Magnum	pt	14.50
Dual Magnum	pt	12.62
Duet	pt	4.99
Evik DF 80W	lb	10.11
Exceed	oz	10.71
Exceed Custom Pak	oz	11.50
Expert	pt	4.16
Facet 75DF	lb	50.00
First Rate	oz	37.80
Flexstar HL	pt	16.78
FloMet 4L	pt	4.50
Freedom	qt	2.51
Front Row	oz	21.92
Frontier 6.0	oz	0.63
Fultime	pt	5.21
Fusilade DX	oz	1.15
Fusion	pt	27.38
Glyphos	pt	1.66
Glyphomax	pt	3.49
Glyphosate Plus 4L	pt	3.19
Glystar Plus	pt	1.56
Goal 2XL	pt	10.00
Gramoxone Max	pt	5.46
Gramoxone Max	pt	5.46
Grandstand R	qt	28.38
Guardzman	pt	4.66
Guardzman Max	pt	6.71
Harmony Extra	oz	13.27
Hoelon 3EC	pt	11.03
Karmex DF	lb	6.81
LA Asulox/Asulam	gal	37.02
LA Weedmaster	qt	7.25
Lariat	qt	7.46

Lasso 4EC	qt	6.60
Lasso II 15G	lb	0.00
Layby Pro	qt	12.60
Lexone 75DF	lb	18.90
Liberty	pt	8.84
Lightning	oz	14.25
Lightning	oz	14.25
Linex 4L	pt	9.99
Londax 60DF	oz	16.25
Lorox 50DF	lb	18.70
MSMA 6.6	pt	3.16
MSMA6 + Surfactant	pt	2.63
Newpath 2SL	oz	3.24
Ordram 15-G	lb	1.34
Ordram 8-E	pt	9.42
Outlook	pt	14.34
Pendimax 3.3	pt	2.47
Permit 75DF	oz	18.50
Poast 1.53	pt	11.26
Poast Plus	pt	8.41
Propanil 4E	qt	5.15
Prowl 3.3 EC	pt	3.75
Pursuit DG	oz	11.59
Pursuit Plus EC	pt	7.10
Python WDG	oz	12.55
Raptor	oz	4.05
Reflex 2LC	pt	7.51
Regiment 80WP	oz	38.57
Remedy	pt	8.45
Resource .86EC	pt	27.09
Ricestar	pt	21.20
Roundup Original	pt	6.00
Roundup Original Max	oz	0.38
Roundup Power Max	pt	3.13
Roundup Ultra MAX	pt	5.97
Roundup Ultra Dry	lb	6.14
Roundup WeatherMax	oz	0.25
Scepter 70 DG	oz	3.99
Select 2EC	oz	0.77
Sencor 4F	pt	14.74
Sencor DF	lb	12.50
Squadron CE	pt	4.55
Stam 4E	qt	5.12
Stam 80 EDF	lb	7.95
Staple 85%	oz	16.01
Staple Plus	oz	8.55
Steadfast	oz	17.20
Steel	pt	10.28
Storm	pt	11.09
Strongarm	oz	51.20
Superwham	qt	8.31
Suprend	lb	12.74
Surpass 20G	lb	2.36
Surpass EC	qt	25.00
Touchdown	qt	9.32
Touchdown 4 IQ	pt	3.33
Touchdown Total	qt	5.93
Treflan HFP	pt	2.38
Treflan TR-10	lb	1.10
Tri-Scept	pt	5.24
Trifluralin 4EC	pt	3.28
Trilin 10G	lb	0.79
Trilin 4EC	pt	2.12
Typhoon	qt	13.06
Valor WP	oz	4.23
Whip 360	pt	25.08
Zorial Rapid 80DF	lb	13.99
INSECTICIDES		
Acephate 80SP	lb	0.00
Acephate 90SP	lb	4.85
Admire 2 Flowable	oz	4.78
Ammo 2.5 EC	oz	0.92
Asana .66 XL	oz	0.72
Aztec 2.1% G	lb	3.64
Baythroid 2	oz	2.30

INSECTICIDES (CON'T)

Bidrin 8L	oz	0.98
Brigade EC	pt	15.10
Brigade WSB	lb	21.00
Capture 2EC	oz	1.76
Carbamate	oz	0.00
Centric 40WG	oz	4.70
Comite	pt	8.21
Condor XL	pt	0.00
Confirm 2F	oz	2.06
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	32.63
Di-Syston 15G	lb	3.48
Di-Syston 8	pt	14.32
Diamond .83EC	pt	16.28
Dimethoate 4E	pt	6.24
Dimilin 2L	oz	2.02
Dipel DF	lb	12.25
Dipel ES	pt	4.63
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	1.76
Intruder 70WP	oz	9.65
Karate Z	oz	3.40
Lannate LV	pt	9.72
Lannate SP	oz	1.68
Larvin 3.2	oz	0.60
Leverage 2.7	oz	1.61
Lorsban 15G	lb	2.15
Lorsban 4E	pt	5.63
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	5.79
Monitor 4	pt	16.33
Monitor 4	pt	16.33
Mustang Max	oz	1.60
Organophosphate	oz	0.00
Orthene 90S	lb	5.75
Orthene 97	lb	10.59
Ovasyn	pt	0.00
Ovicide	oz	0.00
Penncap M	pt	6.71
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	29.30
Synthetic Pyrethroid	oz	0.00
Temik 15G Grit	lb	4.00
Thimet 20-G	lb	3.50
Thionex 3EC	pt	4.46
Thionex 50W	lb	10.51

Tracer	oz	8.17
Trimax	oz	1.85
Vydate C-LV	oz	0.73
Warrior Z	oz	1.80
Warrior ZT	oz	1.88

SEED/PLANTS

Corn Seed Bt	thous	2.60
Corn Seed BtRR	thous	3.21
Corn Seed Conv.	thous	2.53
Corn Seed RR	thous	3.05
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	0.72
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	2.11
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	1.11
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	7.00
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	62.69
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 2014.

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	12.50	32.27	0.00	44.77	0.00	44.77
Combine (200-249 hp)	240hp	161,548	300	8	12.35	12.50	40.75	16.82	70.08	64.41	134.50
Combine (225-274 hp)	Track250hp	0	300	8	12.87	12.50	42.47	0.00	54.97	0.00	54.97
Combine (250-299 hp)	275hp	274,000	300	8	14.15	12.50	46.69	28.54	87.73	109.25	196.99
Combine (250-299hp)	Grass295hp	218,222	300	8	15.18	12.50	50.09	22.73	85.32	87.01	172.34
Combine (275-299 hp)	Track290hp	0	300	8	14.93	12.50	49.26	0.00	61.76	0.00	61.76
Combine (300-349 hp)	325hp	313,000	300	8	16.73	12.50	55.20	32.60	100.31	124.81	225.12
Combine (300-349hp)	Track320hp	0	300	8	16.47	12.50	54.35	0.00	66.85	0.00	66.85
Combine (350-379 hp)	370hp	344,000	300	8	19.04	12.50	62.83	35.83	111.16	137.17	248.33
Combine (350-379 hp)	Track365hp	0	300	8	18.79	12.50	62.00	0.00	74.50	0.00	74.50
Cotton Stripper	173hp	166,000	200	8	8.08	12.50	26.66	25.93	65.10	99.29	164.39
Tractor(40-59hp)Cab	2WD 50	35,100	600	8	2.57	9.60	8.49	1.09	19.18	6.37	25.56
Tractor(40-59hp)Cab	MFWD 50	37,500	600	8	2.57	9.60	8.49	1.17	19.26	6.81	26.07
Tractor(40-59hp)RB	2WD 50	19,300	600	8	2.57	9.60	8.49	0.60	18.69	3.50	22.20
Tractor(40-59hp)RB	MFWD 50	27,700	600	8	2.57	9.60	8.49	0.86	18.95	5.03	23.98
Tractor(60-89hp)CAB	2WD 75	43,400	600	8	3.86	9.60	12.73	1.35	23.69	7.88	31.57
Tractor(60-89hp)CAB	MFWD 75	49,200	600	8	3.86	9.60	12.73	1.53	23.87	8.93	32.81
Tractor(60-89hp)RB	2WD 75	32,300	600	8	3.86	9.60	12.73	1.00	23.34	5.86	29.21
Tractor(60-89hp)RB	MFWD 75	40,600	600	8	3.86	9.60	12.73	1.26	23.60	7.37	30.98
Tractor(90-119hp)CB	2WD 105	62,100	600	8	5.40	9.60	17.83	1.94	29.37	11.27	40.65
Tractor(90-119hp)CB	MFWD 105	73,400	600	8	5.40	9.60	17.83	2.29	29.72	13.33	43.05
Tractor(90-119hp)RB	2WD 105	50,200	600	8	5.40	9.60	17.83	1.56	29.00	9.11	38.12
Tractor(90-119hp)RB	MFWD 105	55,700	600	8	5.40	9.60	17.83	1.74	29.17	10.11	39.29
Tractor(120-139hp)CB	2WD 130	95,400	600	8	6.69	9.60	22.08	2.98	34.66	17.32	51.98
Tractor(120-139hp)CB	MFWD 130	106,000	600	8	6.69	9.60	22.08	3.31	34.99	19.25	54.24
Tractor(140-159hp)CB	2WD 150	130,000	600	8	7.72	9.60	25.47	4.06	39.14	23.60	62.75
Tractor(140-159hp)CB	MFWD 150	137,000	600	8	7.72	9.60	25.47	4.28	39.36	24.88	64.24
Tractor(160-179hp)CB	2WD 170	119,000	600	8	8.75	9.60	28.87	3.71	42.19	22.66	64.86
Tractor(160-179hp)CB	MFWD 170	148,000	600	8	8.75	9.60	28.87	4.62	43.10	28.19	71.29
Tractor(160-199hp)CB	Track 180	142,710	600	8	9.26	9.60	30.57	4.45	44.63	27.18	71.81
Tractor(180-199hp)CB	2WD 190	143,000	600	8	9.77	9.60	32.27	4.46	46.34	27.24	73.58
Tractor(180-199hp)CB	MFWD 190	160,000	600	8	9.77	9.60	32.27	5.00	46.87	30.47	77.35
Tractor(200-249hp)CB	4WD 225	147,066	600	8	11.58	9.60	38.21	4.59	52.41	28.01	80.42
Tractor(200-249hp)CB	MFWD 225	218,000	600	8	11.58	9.60	38.21	6.81	54.63	41.52	96.15
Tractor(200-249hp)CB	Track 225	268,000	600	8	11.58	9.60	38.21	8.37	56.19	51.05	107.24
Tractor(250-349hp)CB	4WD 300	269,000	600	8	15.44	9.60	50.95	8.40	68.96	51.24	120.20
Tractor(250-349hp)CB	Track 300	273,000	600	8	15.44	9.60	50.95	8.53	69.08	52.00	121.09
Tractor(350-449hp)CB	4WD 400	290,000	600	8	20.58	9.60	67.94	9.06	86.60	55.24	141.84
Tractor(350-449hp)CB	Track 400	340,000	600	8	20.58	9.60	67.94	10.62	88.16	64.76	152.93
Tractor(450-uphp)CB	TRACK-475	279,879	600	8	24.44	9.60	80.68	8.74	99.02	53.31	152.34

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 2014.

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'	8,750	100	8	1.00	0.200	2.50	0.66	0.43	3.59	2.00	5.59
Butt Levee (Backhoe)	70 HP	73,300	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	11.48	13.85	11.76	37.10	45.04	82.14
Cotton Picker-1st-BB	4R2X1260hp	317,399	200	8	13.33	0.172	3.80	7.57	8.54	19.93	32.71	52.64
Cotton Picker-1st-BB	4R30"250hp	262,000	200	8	12.86	0.327	7.23	13.90	13.40	34.53	51.30	85.84
Cotton Picker-1st-BB	4R30"325hp	350,000	200	8	18.01	0.327	7.23	19.45	17.90	44.59	68.53	113.13
Cotton Picker-1st-BB	4R38"255hp	267,000	200	8	13.12	0.257	5.69	11.16	10.75	27.61	41.16	68.78
Cotton Picker-1st-BB	4R38"325hp	406,000	200	8	18.01	0.257	5.69	15.32	16.35	37.37	62.59	99.97
Cotton Picker-1st-BB	5R30"255hp	285,000	200	8	12.86	0.261	5.78	11.11	11.66	28.56	44.64	73.21
Cotton Picker-1st-BB	5R38"250hp	284,601	200	8	12.86	0.207	4.57	8.79	9.21	22.59	35.27	57.86
Cotton Picker-1st-BB	6R30"325hp	465,000	200	8	18.27	0.218	4.82	13.15	15.85	33.83	60.70	94.54
Cotton Picker-1st-BB	6R38"330hp	478,000	200	8	18.27	0.172	3.80	10.38	12.86	27.06	49.26	76.33
Cotton Picker-1st-Tr	2R38"157hp	144,912	200	8	8.08	0.519	11.48	13.85	11.76	37.10	45.04	82.14
Cotton Picker-1st-Tr	4R2X1255hp	322,137	200	8	18.01	0.172	3.80	10.24	8.67	22.72	33.20	55.92
Cotton Picker-1st-Tr	4R30"325hp	261,825	200	8	12.86	0.327	7.23	13.90	13.39	34.53	51.26	85.80
Cotton Picker-1st-Tr	4R30"325hp	311,088	200	8	16.72	0.327	7.23	18.07	15.91	41.22	60.91	102.13
Cotton Picker-1st-Tr	4R38"255hp	262,818	200	8	13.12	0.257	5.69	11.16	10.58	27.44	40.52	67.97
Cotton Picker-1st-Tr	4R38"325hp	325,618	200	8	18.01	0.257	5.69	15.32	13.11	34.13	50.20	84.33
Cotton Picker-1st-Tr	5R30"255hp	285,303	200	8	13.12	0.261	5.78	11.34	11.67	28.80	44.69	73.49
Cotton Picker-1st-Tr	5R38"250hp	290,471	200	8	12.86	0.207	4.57	8.79	9.40	22.78	35.99	58.78
Cotton Picker-1st-Tr	6R30"325hp	429,000	200	8	16.72	0.218	4.82	12.04	14.62	31.50	56.00	87.50
Cotton Picker-1st-Tr	6R38"330hp	429,000	200	8	18.01	0.172	3.80	10.24	11.55	25.59	44.21	69.81
Cotton Picker-2nd-BB	2R38"157hp	144,912	200	8	8.08	0.440	9.72	11.73	9.96	31.43	38.15	69.58
Cotton Picker-2nd-BB	4R2x1260hp	322,187	200	8	18.01	0.145	3.22	8.67	7.34	19.24	28.12	47.37
Cotton Picker-2nd-BB	4R30"250hp	261,825	200	8	12.86	0.277	6.12	11.77	11.34	29.24	43.42	72.67
Cotton Picker-2nd-BB	4R30"325hp	311,088	200	8	16.72	0.277	6.12	15.30	13.47	34.91	51.59	86.51
Cotton Picker-2nd-BB	4R38"255hp	262,818	200	8	13.12	0.218	4.82	9.45	8.96	23.24	34.32	57.57
Cotton Picker-2nd-BB	4R38"325hp	325,618	200	8	18.01	0.218	4.82	12.97	11.10	28.91	42.52	71.43
Cotton Picker-2nd-BB	5R30"255hp	285,303	200	8	13.12	0.221	4.90	9.60	9.88	24.40	37.85	62.26
Cotton Picker-2nd-BB	5R38"250hp	284,601	200	8	12.86	0.175	3.87	7.45	7.80	19.13	29.87	49.01
Cotton Picker-2nd-BB	6R30"325hp	405,906	200	8	18.01	0.184	4.08	10.98	11.72	26.79	44.88	71.68
Cotton Picker-2nd-BB	6R38"330hp	404,462	200	8	18.01	0.145	3.22	8.67	9.22	21.12	35.30	56.43
Cotton Picker-2nd-Tr	2R38"157hp	144,912	200	8	8.08	0.440	9.72	11.73	9.96	31.43	38.15	69.58
Cotton Picker-2nd-Tr	4R2X1260hp	322,137	200	8	18.01	0.145	3.22	8.67	7.34	19.24	28.12	47.37
Cotton Picker-2nd-Tr	4R30"250hp	261,825	200	8	12.86	0.277	6.12	11.77	11.34	29.24	43.42	72.67
Cotton Picker-2nd-Tr	4R30"325hp	311,088	200	8	16.72	0.277	6.12	15.30	13.47	34.91	51.59	86.51
Cotton Picker-2nd-Tr	4R38"255hp	262,818	200	8	13.12	0.218	4.82	9.45	8.96	23.24	34.32	57.57
Cotton Picker-2nd-Tr	4R38"325hp	325,618	200	8	18.01	0.218	4.82	12.97	11.10	28.91	42.52	71.43
Cotton Picker-2nd-Tr	5R30"255hp	285,303	200	8	13.12	0.221	4.90	9.60	9.88	24.40	37.85	62.26
Cotton Picker-2nd-Tr	5R38"250hp	290,471	200	8	12.86	0.175	3.87	7.45	7.96	19.29	30.49	49.79
Cotton Picker-2nd-Tr	6R30"325hp	381,665	200	8	16.72	0.184	4.08	10.20	11.02	25.31	42.20	67.51
Cotton Picker-2nd-Tr	6R38"330hp	404,462	200	8	18.01	0.145	3.22	8.67	9.22	21.12	35.30	56.43
LA Pickup Truck	1/2 ton	25,000	800	5	2.50	1.000	9.60	8.25	2.81	20.66	6.54	27.20
Levee Sprayer	27'	30,768	350	8	2.57	0.038	0.66	0.32	0.06	1.05	0.40	1.45
Sprayer(300-450Gal)	47'	0	350	8	5.40	0.022	0.38	0.40	0.00	0.79	0.00	0.79
Sprayer(300-450Gal)	60'	103,000	350	8	5.66	0.017	0.30	0.32	0.09	0.73	0.62	1.35
Sprayer(300-450Gal)	80'	103,000	350	8	5.66	0.013	0.22	0.24	0.07	0.54	0.46	1.01
Sprayer(600-750Gal)	60'	172,000	350	8	10.29	0.017	0.30	0.59	0.16	1.06	1.03	2.10
Sprayer(600-825Gal)	80'	174,000	350	8	10.29	0.013	0.22	0.44	0.12	0.80	0.78	1.58
Sprayer(600-825Gal)	90'	240,000	350	8	10.29	0.011	0.20	0.39	0.15	0.75	0.96	1.71
Sprayer(1000-1400Gal)	90'	286,000	350	8	14.15	0.014	0.24	0.65	0.21	1.11	1.37	2.49
Sprayer(1200PlusGal)	120'	289,000	350	8	15.44	0.008	0.15	0.44	0.13	0.73	0.87	1.60

Appendix Table 4. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre, Louisiana 2014.

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	1,070	200	20	0.020	0.19	0.44	0.01	0.05	0.70	0.00	0.34	1.05
Blade-Box	10'	2WD 50	4,970	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	7,190	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	1,030	200	20	1.176	11.29	9.99	0.57	0.70	22.57	0.43	4.12	27.13
Blade-Scraper	10'	2WD 50	3,300	200	20	1.176	11.29	9.99	1.84	0.70	23.83	1.39	4.12	29.36
Blade-Scraper	14'	2WD 50	6,590	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	22,500	150	12	0.115	1.10	2.55	0.93	0.34	4.94	1.56	2.00	8.51
Chisel Plow(Folding)	24'	MFWD 190	34,800	150	12	0.076	0.73	2.46	0.96	0.38	4.54	1.60	2.33	8.47
Chisel Plow(Folding)	32'	MFWD 225	38,400	150	12	0.057	0.55	2.20	0.80	0.39	3.95	1.33	2.39	7.69
Chisel Plow(Folding)	42'	MFWD 225	49,000	150	12	0.044	0.42	1.68	0.77	0.29	3.18	1.29	1.82	6.30
Chisel Plow(Rigid)	15'	2WD 130	11,200	150	12	0.123	1.18	2.72	0.49	0.36	4.77	0.83	2.13	7.73
Chisel Plow(Rigid)	24'	MFWD 190	10,000	150	12	0.077	0.73	2.48	0.27	0.38	3.88	0.46	2.34	6.70
Chisel-Harrow	21 shank	2WD 190	12,100	150	12	0.088	0.84	2.84	0.38	0.39	4.46	0.64	2.39	7.50
Chisel-Harrow	27 shank	MFWD 225	13,600	150	12	0.068	0.65	2.61	0.33	0.46	4.07	0.56	2.84	7.48
Colter-Chisel-Harrow	21 shank	2WD 190	18,800	150	12	0.088	0.84	2.84	0.59	0.39	4.67	0.99	2.39	8.07
Colter-Chisel-Harrow	27 shank	MFWD 225	23,500	150	12	0.068	0.65	2.61	0.58	0.46	4.32	0.96	2.84	8.13
Corn Grain Cart 8R30	500 bu	MFWD 190	23,700	200	12	0.031	0.30	1.03	0.20	0.15	1.70	0.34	0.97	3.01
Corn Grain Cart 8R40	700bu	MFWD 190	34,000	200	12	0.025	0.24	0.80	0.23	0.12	1.40	0.38	0.76	2.54
Cult & Post	4R-38	2WD 105	16,400	150	10	0.173	2.49	3.08	0.75	0.27	6.61	1.93	1.57	10.12
Cult & Post	6R-30	MFWD 150	21,800	150	10	0.146	4.22	3.73	0.85	0.62	9.44	2.17	3.64	15.26
Cult & Post	6R-38	MFWD 150	22,100	150	10	0.115	1.66	2.95	0.68	0.49	5.79	1.73	2.88	10.41
Cult & Post	8R-30	MFWD 190	25,600	150	10	0.110	1.58	3.55	0.75	0.55	6.43	1.91	3.35	11.70
Cult & Post	8R-38	MFWD 190	26,000	150	10	0.086	1.25	2.80	0.60	0.43	5.09	1.53	2.65	9.28
Cult & Post	8R-38 2x1	MFWD 190	38,400	150	10	0.057	0.83	1.86	0.59	0.28	3.58	1.51	1.76	6.86
Cult & Post	10R-30	MFWD 225	32,800	150	10	0.088	1.26	3.36	0.76	0.59	5.99	1.96	3.65	11.61
Cult & Post	10R-38	MFWD 225	0	150	10	0.065	0.93	2.48	0.00	0.44	3.86	0.00	2.70	6.56
Cult & Post	12R-30	MFWD 225	41,700	150	10	0.073	1.05	2.80	0.81	0.49	5.17	2.07	3.04	10.29
Cult & Post	12R-38	MFWD 225	45,400	150	10	0.057	0.83	2.21	0.70	0.39	4.14	1.78	2.40	8.33
Cultipacker	12'	2WD 130	4,846	300	12	0.124	1.19	2.74	0.14	0.37	4.45	0.18	2.15	6.79
Cultipacker	20'	MFWD 150	15,200	300	12	0.074	0.71	1.90	0.26	0.31	3.20	0.35	1.85	5.41
Cultivate	4R-38	2WD 105	10,900	150	10	0.162	1.55	2.89	0.47	0.25	5.18	1.20	1.48	7.86
Cultivate	6R-30	MFWD 150	16,300	150	10	0.137	1.32	3.50	0.59	0.58	6.00	1.52	3.42	10.95
Cultivate	6R-38	MFWD 150	16,600	150	10	0.108	1.04	2.76	0.48	0.46	4.75	1.22	2.70	8.67
Cultivate	8R-30	MFWD 190	20,100	150	10	0.103	0.99	3.32	0.55	0.51	5.38	1.40	3.14	9.93
Cultivate	8R-38	MFWD 190	20,500	150	10	0.081	0.78	2.63	0.44	0.40	4.26	1.13	2.48	7.88
Cultivate	8R-38 2x1	MFWD 190	31,100	150	10	0.054	0.52	1.75	0.45	0.27	2.99	1.14	1.65	5.79
Cultivate	10R-30	MFWD 225	27,400	150	10	0.082	0.79	3.15	0.60	0.56	5.10	1.53	3.42	10.07
Cultivate	10R-38	MFWD 225	0	150	10	0.065	0.62	2.48	0.00	0.44	3.55	0.00	2.70	6.25
Cultivate	12R-30	MFWD 225	36,200	150	10	0.068	0.66	2.62	0.66	0.46	4.41	1.69	2.85	8.96
Cultivate	12R-38	MFWD 225	38,200	150	10	0.054	0.52	2.07	0.55	0.36	3.51	1.40	2.25	7.18
Disk & Incorporate	14'	2WD 130	27,600	200	10	0.149	2.15	3.30	1.23	0.44	7.14	2.10	2.59	11.84
Disk & Incorporate	24'	MFWD 190	41,400	200	10	0.087	1.25	2.81	1.08	0.43	5.59	1.84	2.66	10.09
Disk & Incorporate	32'	4WD 225	54,100	200	10	0.068	0.99	2.62	1.11	0.31	5.04	1.89	1.92	8.87
Disk & Incorporate	42'	MFWD 225	30,542	200	10	0.049	0.70	1.87	0.44	0.33	3.36	0.76	2.03	6.17
Disk Bed (Hipper)	4R-38	MFWD 150	7,780	160	10	0.147	1.41	3.76	0.28	0.63	6.09	0.73	3.67	10.50
Disk Bed (Hipper)	6R-30	MFWD 170	10,800	160	10	0.125	1.20	3.60	0.33	0.57	5.72	0.86	3.52	10.10
Disk Bed (Hipper)	6R-38	MFWD 170	13,500	160	10	0.098	0.94	2.84	0.33	0.45	4.58	0.84	2.78	8.21
Disk Bed (Hipper)	8R-30	MFWD 190	15,100	160	10	0.093	0.90	3.02	0.35	0.46	4.74	0.90	2.85	8.50
Disk Bed (Hipper)	8R-38 2x1	MFWD 190	28,200	160	10	0.049	0.47	1.59	0.34	0.24	2.66	0.88	1.50	5.05
Disk Bed (Hipper)	10R-30	MFWD 225	22,000	160	10	0.075	0.72	2.86	0.41	0.51	4.50	1.05	3.11	8.67
Disk Bed (Hipper)	10R-38	MFWD 225	22,000	160	10	0.059	0.56	2.26	0.32	0.40	3.55	0.82	2.45	6.84
Disk Bed (Hipper)	12R-30	MFWD 225	28,100	160	10	0.062	0.60	2.38	0.43	0.42	3.85	1.11	2.59	7.56
Disk Bed (Hipper)	12R-38	MFWD 225	28,200	160	10	0.049	0.47	1.88	0.34	0.33	3.04	0.88	2.04	5.97
Disk Bed (Hipper)Fld	8R-38	MFWD 190	20,600	160	10	0.074	0.71	2.39	0.38	0.37	3.85	0.97	2.25	7.08
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	16,100	160	10	0.074	0.71	2.39	0.29	0.37	3.77	0.76	2.25	6.79
Disk Bed w/roller	8R-30	2WD 190	21,000	160	10	0.093	0.90	3.02	0.49	0.41	4.83	1.25	2.55	8.64
Disk Bed w/roller	12R-30	MFWD 225	35,800	160	10	0.062	0.60	2.38	0.55	0.42	3.97	1.42	2.59	7.99
Disk Harrow	14'	2WD 130	23,100	180	10	0.140	1.34	3.09	0.90	0.41	5.76	1.83	2.43	10.03
Disk Harrow	24'	MFWD 190	35,400	180	10	0.081	0.78	2.64	0.80	0.40	4.64	1.64	2.49	8.77
Disk Harrow	28'	MFWD 225	42,200	180	10	0.070	0.67	2.68	0.82	0.47	4.65	1.67	2.91	9.24
Disk Harrow	32'		46,900	180	10	0.061	0.76	0.00	0.79	0.00	0.00	1.63	0.00	0.00
Disk Harrow	42'	MFWD 225	92,500	180	10	0.046	0.44	1.78	1.20	0.31	3.75	2.45	1.94	8.14
Ditcher		2WD 130	4,860	200	10	0.020	0.19	0.44	0.03	0.05	0.73	0.04	0.34	1.12
Ditcher (1m/160a)		2WD 130	4,860	200	10	0.009	0.09	0.20	0.01	0.02	0.34	0.02	0.16	0.52
Fert Appl (Liquid)	4R-38	MFWD 150	13,100	150	8	0.154	2.22	3.94	1.35	0.66	8.18	1.47	3.84	13.50
Fert Appl (Liquid)	6R-30	MFWD 170	14,300	150	8	0.130	1.88	3.78	1.24	0.60	7.52	1.36	3.69	12.57
Fert Appl (Liquid)	6R-38	MFWD 170	14,200	150	8	0.103	1.48	2.98	0.97	0.47	5.93	1.06	2.91	9.91
Fert Appl (Liquid)	8R-30	MFWD 190	15,100	150	8	0.098	1.41	3.16	0.98	0.49	6.06	1.07	2.99	10.13
Fert Appl (Liquid)	8R-38	MFWD 190	15,100	150	8	0.077	1.11	2.50	0.78	0.38	4.79	0.85	2.36	8.01
Fert Appl (Liquid)	8R-38 2x1	MFWD 190	17,400	150	8	0.051	0.74	1.66	0.59	0.25	3.27	0.65	1.57	5.49
Fert Appl (Liquid)	10R-30	MFWD 225	17,700	150	8	0.078	1.13	3.00	0.92	0.53	5.59	1.01	3.26	9.86
Fert Appl (Liquid)	10R-38	MFWD 225	17,700	150	8	0.061	0.89	2.36	0.73	0.42	4.41	0.79	2.57	7.78
Fert Appl (Liquid)	12R-30	MFWD 225	18,200	150	8	0.078	1.13	3.00	0.95	0.53	5.62	1.03	3.26	9.92
Fert Appl (Liquid)	12R-38	MFWD 225	17,400	150	8	0.051	0.74	1.97	0.59	0.35	3.67	0.65	2.14	6.47
Field Cult & Inc	12'	2WD 150	13,605	100	10	0.132	1.90	3.36	0.44	0.53	6.25	1.83	3.12	11.21
Field Cult & Inc	24'	MFWD 170	24,679	100	10	0.066	0.95	1.90	0.40	0.30	3.57	1.66	1.86	7.10

Appendix Table 4. Implements: estimated purchase price, annual use, useful life, performance rate, (Continued) and direct and fixed cost per acre, Louisiana 2014.

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---	Total Imp.	---Fixed---	Total Cost		
			dollars	hours	years	hr/ac	-----\$/acre-----							
Field Cultivate	12'	2WD 150	16,600	100	10	0.124	1.19	3.17	0.51	0.50	5.38	2.10	2.93	10.43
Field Cultivate	24'	MFWD 170	26,000	100	10	0.062	0.59	1.79	0.40	0.28	3.08	1.64	1.75	6.48
Field Cultivate	32'	MFWD 190	39,500	100	10	0.046	0.44	1.50	0.46	0.23	2.64	1.87	1.42	5.94
Field Cultivate	42'	MFWD 225	51,500	100	10	0.035	0.34	1.35	0.45	0.24	2.39	1.86	1.47	5.74
Field Cultivate	50'	MFWD 225	61,300	100	10	0.029	0.28	1.14	0.45	0.20	2.08	1.86	1.24	5.19
Gate Installer		2WD 130	2,960	10	10	0.020	0.38	0.44	0.17	0.05	1.06	0.57	0.34	1.98
Grain Drill	12'	2WD 130	22,000	150	8	0.157	3.01	3.46	1.29	0.46	8.25	2.38	2.72	13.36
Grain Drill	15'	MFWD 150	28,300	150	8	0.125	2.41	3.20	1.33	0.53	7.48	2.45	3.12	13.07
Grain Drill	20'	MFWD 170	35,500	150	8	0.094	1.81	2.72	1.25	0.43	6.22	2.31	2.65	11.19
Grain Drill	24'	MFWD 190	54,000	150	8	0.078	1.50	2.53	1.59	0.39	6.02	2.93	2.39	11.35
Grain Drill	30'	MFWD 225	58,600	150	8	0.062	1.20	2.40	1.38	0.42	5.41	2.54	2.61	10.57
Grain Drill & Pre	12'	2WD 130	27,500	150	8	0.169	3.24	3.73	1.74	0.50	9.23	3.21	2.93	15.38
Grain Drill & Pre	15'	MFWD 150	33,800	150	8	0.135	2.59	3.44	1.71	0.57	8.34	3.16	3.36	14.87
Grain Drill & Pre	20'	MFWD 170	41,000	150	8	0.101	1.94	2.93	1.56	0.46	6.91	2.87	2.86	12.65
Grain Drill & Pre	24'	MFWD 190	59,500	150	8	0.084	1.62	2.73	1.88	0.42	6.66	3.47	2.57	12.72
Grain Drill & Pre	30'	MFWD 225	64,100	150	8	0.067	1.29	2.58	1.62	0.46	5.97	2.99	2.81	11.78
Harrow	13'	2WD 130	3,780	200	10	0.119	1.14	2.63	0.15	0.35	4.29	0.23	2.06	6.59
Harrow	21'	2WD 150	5,400	200	10	0.073	0.70	1.88	0.13	0.30	3.03	0.20	1.74	4.98
Harrow	40'	MFWD 190	16,700	200	10	0.038	0.37	1.25	0.22	0.19	2.04	0.33	1.18	3.56
Harrow	47'	MFWD 190	21,000	200	10	0.033	0.31	1.06	0.24	0.16	1.79	0.35	1.00	3.15
Header - Corn	4R-38	240hp	25,147	300	8	0.201	2.51	8.19	1.26	3.38	15.35	1.83	12.95	30.15
Header - Corn	6R30"	240hp	42,300	300	8	0.170	2.12	6.93	1.80	2.86	13.73	2.61	10.96	27.31
Header - Corn	6R38"	240hp	43,500	300	8	0.134	1.68	5.47	1.46	2.26	10.88	2.12	8.65	21.66
Header - Corn	8R-30	240hp	54,700	300	8	0.127	1.59	5.20	1.74	2.14	10.69	2.53	8.22	21.46
Header - Corn	8R-38	275hp	56,300	300	8	0.100	1.26	4.71	1.42	2.88	10.27	2.06	11.03	23.37
Header - Corn	12R-20	275hp	76,200	300	8	0.127	1.59	5.96	2.43	3.64	13.63	3.53	13.95	31.12
Header - Corn	12R-30	275hp	85,800	300	8	0.085	1.06	3.97	1.82	2.43	9.29	2.65	9.30	21.25
Header - Rice (CL)	22' Rigid	240hp	21,887	300	8	0.288	3.60	11.75	1.57	4.85	21.79	2.29	18.58	42.66
Header - Rice (CL)	25' Rigid	240hp	52,000	300	8	0.253	3.17	10.34	3.30	4.27	21.09	4.79	16.35	42.23
Header - Rice (CL)	30' Rigid	275hp	56,300	300	8	0.211	2.64	9.87	2.97	6.03	21.53	4.32	23.11	48.97
Header - Rice (SL)	22' Rigid	240hp	21,887	300	8	0.250	3.12	10.18	1.36	4.20	18.88	1.98	16.10	36.98
Header - Rice (SL)	25' Rigid	240hp	52,000	300	8	0.220	2.75	8.96	2.86	3.70	18.27	4.15	14.17	36.60
Header - Rice (SL)	30' Rigid	275hp	56,300	300	8	0.183	2.29	8.56	2.58	5.23	18.66	3.74	20.03	42.44
Header - Soybean	15' Flex	240hp	0	300	8	0.170	2.12	6.93	0.00	2.86	11.93	0.00	10.96	22.90
Header - Soybean	18' Flex	240hp	20,309	300	8	0.141	1.77	5.78	0.72	2.38	10.66	1.04	9.14	20.85
Header - Soybean	22' Flex	240hp	28,900	300	8	0.116	1.45	4.73	0.83	1.95	8.97	1.21	7.47	17.67
Header - Soybean	25' Flex	275hp	31,300	300	8	0.102	1.27	4.77	0.79	2.91	9.76	1.16	11.16	22.08
Header - Soybean	30' Flex	275hp	27,900	300	8	0.085	1.06	3.97	0.59	2.43	8.06	0.86	9.30	18.22
Header Wheat/Sorghum	18' Rigid	240hp	19,069	300	8	0.141	1.77	5.78	0.67	2.38	10.62	0.98	9.14	20.74
Header Wheat/Sorghum	22' Rigid	240hp	23,100	300	8	0.116	1.45	4.73	0.67	1.95	8.80	0.97	7.47	17.26
Header Wheat/Sorghum	25' Rigid	240hp	27,000	300	8	0.102	1.27	4.16	0.68	1.71	7.85	1.00	6.58	15.43
Header Wheat/Sorghum	30' Rigid	275hp	30,000	300	8	0.085	1.06	3.97	0.63	2.43	8.10	0.92	9.30	18.33
Heavy Disk	14'	MFWD 150	21,900	180	10	0.145	1.40	3.71	0.88	0.62	6.63	1.81	3.63	12.07
Heavy Disk	21'	MFWD 170	34,500	180	10	0.097	0.93	2.80	0.93	0.45	5.12	1.90	2.74	9.77
Heavy Disk	27'	MFWD 190	41,400	180	10	0.075	0.72	2.44	0.87	0.37	4.41	1.77	2.30	8.49
LA Boom Sprayer	30 ft	MFWD 150	3,000	150	10	0.059	0.57	1.52	0.13	0.25	2.49	0.14	1.49	4.12
Land Plane	40'x10'	MFWD 190	6,020	200	10	0.242	2.32	7.83	0.29	1.21	11.66	0.74	7.39	19.80
Land Plane	50'x16'	MFWD 190	12,000	200	10	0.151	1.45	4.89	0.36	0.75	7.47	0.92	4.62	13.02
LARice Backhoe-Rrmnt	2 ft	MFWD 150	6,000	100	10	0.500	4.80	12.73	2.64	2.14	22.32	3.54	12.44	38.30
LARice Land Level	13 ft	MFWD 150	7,500	200	15	0.190	1.82	4.84	0.15	0.81	7.63	0.62	4.73	12.99
LARice Levee Plow	8 ft	4WD 300	4,600	150	10	0.050	0.48	2.54	0.07	0.42	3.52	0.18	2.56	6.26
LARice Water Level	24 ft	4WD 300	3,500	100	15	0.149	1.43	7.63	0.23	1.26	10.57	0.46	7.68	18.71
Levee Splitter (1/80)	2 blade	2WD 150	3,280	50	10	0.004	0.04	0.10	0.00	0.01	0.16	0.02	0.09	0.29
Lo-Till & Bed	4R-38	MFWD 190	5,100	150	12	0.145	1.39	4.69	0.26	0.72	7.09	0.46	4.43	11.99
Middle Buster	6R-38	MFWD 150	12,800	160	8	0.120	1.15	3.06	0.36	0.51	5.09	1.09	2.99	9.18
Middle Buster	8R-30	MFWD 190	20,800	160	8	0.114	1.09	3.68	0.55	0.57	5.90	1.69	3.48	11.08
Middle Buster	8R-38	MFWD 190	18,100	160	8	0.090	0.86	2.91	0.38	0.45	4.61	1.16	2.75	8.53
Middle Buster	8R-40 2x1	MFWD 190	29,200	160	8	0.060	0.57	1.93	0.41	0.30	3.22	1.25	1.83	6.31
Middle Buster	10R-30	MFWD 225	29,300	160	8	0.091	0.87	3.49	0.62	0.62	5.61	1.91	3.79	11.32
Middle Buster	10R-38	MFWD 225	32,100	160	8	0.072	0.69	2.75	0.54	0.49	4.47	1.65	2.99	9.12
Middle Buster	12R-38	MFWD 225	29,200	160	8	0.060	0.57	2.29	0.41	0.40	3.69	1.25	2.49	7.44
Mulcher Plow	30'	MFWD 225	0	100	10	0.068	0.65	2.60	0.00	0.46	3.72	0.00	2.82	6.54
NT Grain Drill	12'	2WD 130	34,000	150	8	0.163	3.14	3.61	2.08	0.48	9.33	3.84	2.83	16.01
NT Grain Drill	15'	MFWD 150	45,000	150	8	0.130	2.51	3.33	2.20	0.56	8.62	4.07	3.25	15.95
NT Grain Drill	20'	MFWD 170	62,600	150	8	0.098	1.88	2.83	2.30	0.45	7.48	4.24	2.76	14.49
NT Grain Drill	24'	MFWD 190	77,000	150	8	0.081	1.57	2.64	2.36	0.40	6.98	4.35	2.49	13.83
NT Grain Drill	30'	MFWD 225	88,000	150	8	0.065	1.25	2.50	2.16	0.44	6.36	3.98	2.71	13.06
NT Grain Drill & Pre	12'	2WD 130	39,500	150	8	0.176	3.38	3.89	2.61	0.52	10.41	4.81	3.05	18.27
NT Grain Drill & Pre	15'	MFWD 150	50,500	150	8	0.141	2.70	3.59	2.67	0.60	9.57	4.92	3.50	18.00
NT Grain Drill & Pre	20'	MFWD 170	68,100	150	8	0.105	2.03	3.05	2.70	0.48	8.27	4.97	2.98	16.23
NT Grain Drill & Pre	24'	MFWD 190	82,500	150	8	0.088	1.69	2.84	2.72	0.44	7.70	5.02	2.68	15.41
NT Grain Drill & Pre	30'	MFWD 225	93,400	150	8	0.070	1.35	2.69	2.46	0.48	6.99	4.55	2.92	14.47
NT Plants&Pre-Folding	8R-38	MFWD 170	45,200	150	8	0.083	1.60	2.41	1.41	0.38	5.82	2.61	2.35	10.79

Appendix Table 4. Implements: estimated purchase price, annual use, useful life, performance rate, (Continued) and direct and fixed cost per acre, Louisiana 2014.

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M--- Imp. P.U.	Total Direct	--Fixed-- Imp. P.U.	Total Cost		
			dollars	hours	years	hr/ac	-----\$/acre-----							
NT Plant&Pre-Folding	8R-38 2x1	MFWD 170	74,800	150	8	0.055	1.06	1.60	1.56	0.25	4.49	2.87	1.56	8.94
NT Plant&Pre-Folding	10R-30	MFWD 190	57,555	150	8	0.084	1.62	2.73	1.82	0.42	6.60	3.36	2.57	12.54
NT Plant&Pre-Folding	10R-38	MFWD 190	52,893	150	8	0.066	1.28	2.15	1.32	0.33	5.09	2.43	2.03	9.56
NT Plant&Pre-Folding	12R-20	MFWD 190	68,100	150	8	0.105	2.03	3.41	2.70	0.52	8.67	4.97	3.22	16.87
NT Plant&Pre-Folding	12R-30	MFWD 190	67,500	150	8	0.070	1.35	2.27	1.78	0.35	5.76	3.28	2.14	11.20
NT Plant&Pre-Folding	12R-38	MFWD 190	74,800	150	8	0.055	1.06	1.79	1.56	0.27	4.70	2.87	1.69	9.27
NT Plant&Pre-Folding	16R-30	MFWD 190	96,000	150	8	0.052	1.01	1.70	1.90	0.26	4.89	3.50	1.61	10.00
NT Plant&Pre-Folding	23R-15	MFWD 190	123,000	150	8	0.073	1.41	2.37	3.38	0.36	7.53	6.24	2.23	16.01
NT Plant&Pre-Folding	24R-20	MFWD 190	140,000	150	8	0.052	1.01	1.70	2.77	0.26	5.76	5.11	1.61	12.49
NT Plant&Pre-Folding	24R-30	MFWD 190	161,000	150	8	0.035	0.67	1.13	2.12	0.17	4.11	3.92	1.07	9.11
NT Plant&Pre-Rigid	4R-30	2WD 130	26,300	150	8	0.211	4.06	4.67	2.08	0.63	11.44	3.84	3.66	18.95
NT Plant&Pre-Rigid	4R-38	2WD 130	27,700	150	8	0.166	3.19	3.67	1.73	0.49	9.10	3.18	2.88	15.17
NT Plant&Pre-Rigid	6R-30	MFWD 150	34,400	150	8	0.141	2.70	3.59	1.81	0.60	8.72	3.35	3.50	15.58
NT Plant&Pre-Rigid	6R-38	MFWD 150	31,800	150	8	0.111	2.13	2.83	1.32	0.47	6.77	2.44	2.77	11.99
NT Plant&Pre-Rigid	8R-22	MFWD 170	26,219	150	8	0.143	2.76	4.15	1.41	0.66	8.99	2.60	4.05	15.66
NT Plant&Pre-Rigid	8R-30	MFWD 170	39,800	150	8	0.105	2.03	3.05	1.57	0.48	7.15	2.90	2.98	13.04
NT Plant&Pre-Rigid	8R-38	MFWD 170	37,800	150	8	0.077	1.48	2.22	1.09	0.35	5.16	2.01	2.17	9.35
NT Plant&Pre-Rigid	10R-30	MFWD 190	44,300	150	8	0.084	1.62	2.73	1.40	0.42	6.18	2.58	2.57	11.35
NT Plant&Pre-Rigid	12R-20	MFWD 190	50,200	150	8	0.105	2.03	3.41	1.99	0.52	7.96	3.66	3.22	14.85
NT Plant&Pre-Rigid	12R-30	MFWD 190	61,900	150	8	0.070	1.35	2.27	1.63	0.35	5.61	3.01	2.14	10.78
Paratill & Bed	4R-30	MFWD 225	14,800	150	12	0.204	1.96	7.80	1.09	1.39	12.25	1.81	8.48	22.55
Paratill & Bed	4R-38	MFWD 225	14,100	150	12	0.160	1.54	6.14	0.81	1.09	9.60	1.36	6.68	17.65
Paratill & Bed	6R-30	MFWD 225	20,100	150	12	0.136	1.30	5.20	0.98	0.92	8.43	1.64	5.65	15.73
Paratill & Bed	6R-38	MFWD 225	19,000	150	12	0.107	1.03	4.10	0.73	0.73	6.61	1.22	4.46	12.30
Paratill & Bed	8R-30	MFWD 225	28,100	150	12	0.102	0.98	3.90	1.03	0.69	6.61	1.72	4.24	12.58
Paratill & Bed	8R382X1	MFWD 225	69,100	150	12	0.053	0.51	2.05	1.34	0.36	4.27	2.23	2.23	8.74
Paratill & Bed Fold.	8R-38	MFWD 225	54,400	150	12	0.080	0.77	3.08	1.58	0.55	5.99	2.64	3.35	11.99
Paratill & Bed Fold.	12R-38	MFWD 225	69,100	150	12	0.053	0.51	2.05	1.34	0.36	4.27	2.23	2.23	8.74
Paratill & Bed Rigid	8R-38	MFWD 225	26,900	150	12	0.080	0.77	3.08	0.78	0.55	5.19	1.30	3.35	9.85
Pipe Drag	30'	2WD 150	500	100	12	0.051	0.49	1.31	0.00	0.21	2.03	0.02	1.22	3.28
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	0.05	0.29
Pipe Trailer 1m/160a	30'	2WD 130	7,300	100	15	0.003	0.18	0.08	0.00	0.01	0.27	0.02	0.06	0.36
Plant & Pre Folding	8R-38	MFWD 170	43,500	150	8	0.080	1.54	2.31	1.30	0.37	5.53	2.41	2.26	10.21
Plant & Pre Folding	8R38 2x1	MFWD 170	72,100	150	8	0.053	1.02	1.54	1.44	0.24	4.26	2.66	1.50	8.43
Plant & Pre Folding	10R-30	MFWD 190	52,920	150	8	0.081	1.55	2.62	1.61	0.40	6.19	2.96	2.47	11.64
Plant & Pre Folding	10R-38	MFWD 190	48,258	150	8	0.064	1.22	2.06	1.15	0.32	4.77	2.13	1.95	8.86
Plant & Pre Folding	12R-20	MFWD 190	65,400	150	8	0.101	1.94	3.27	2.49	0.50	8.22	4.58	3.09	15.90
Plant & Pre Folding	12R-30	MFWD 190	64,800	150	8	0.067	1.29	2.18	1.64	0.33	5.46	3.03	2.06	10.56
Plant & Pre Folding	12R-38	MFWD 190	72,100	150	8	0.053	1.02	1.72	1.44	0.26	4.46	2.66	1.62	8.75
Plant & Pre Folding	16R-30	MFWD 190	92,400	150	8	0.050	0.97	1.63	1.75	0.25	4.62	3.24	1.54	9.41
Plant & Pre Folding	23R-15	MFWD 190	118,000	150	8	0.070	1.35	2.27	3.12	0.35	7.10	5.74	2.14	14.99
Plant & Pre Folding	24R-20	MFWD 190	134,000	150	8	0.050	0.97	1.63	2.55	0.25	5.41	4.70	1.54	11.66
Plant & Pre Folding	24R-30	MFWD 190	156,000	150	8	0.033	0.64	1.09	1.97	0.16	3.89	3.64	1.03	8.57
Plant & Pre Rigid	4R-30	2WD 130	25,400	150	8	0.203	3.89	4.48	1.93	0.60	10.92	3.56	3.51	18.00
Plant & Pre Rigid	4R-38	2WD 130	26,800	150	8	0.159	3.07	3.53	1.60	0.47	8.68	2.96	2.77	14.41
Plant & Pre Rigid	6R-30	MFWD 150	33,100	150	8	0.135	2.59	3.44	1.68	0.57	8.30	3.09	3.36	14.77
Plant & Pre Rigid	6R-38	MFWD 150	30,400	150	8	0.106	2.05	2.72	1.21	0.45	6.45	2.24	2.65	11.35
Plant & Pre Rigid	8R-22	MFWD 170	23,550	150	8	0.138	2.65	3.98	1.22	0.63	8.50	2.24	3.89	14.64
Plant & Pre Rigid	8R-30	MFWD 170	38,000	150	8	0.101	1.94	2.93	1.44	0.46	6.79	2.66	2.86	12.32
Plant & Pre Rigid	8R-38	MFWD 170	36,000	150	8	0.080	1.54	2.31	1.08	0.37	5.31	1.99	2.26	9.57
Plant & Pre Rigid	10R-30	MFWD 190	42,000	150	8	0.081	1.55	2.62	1.27	0.40	5.86	2.35	2.47	10.69
Plant & Pre Rigid	12R-20	MFWD 190	47,500	150	8	0.101	1.94	3.27	1.80	0.50	7.54	3.33	3.09	13.96
Plant & Pre Rigid	12R-30	MFWD 190	59,200	150	8	0.067	1.29	2.18	1.50	0.33	5.32	2.76	2.06	10.15
Plant - Folding	8R-38	MFWD 170	38,000	150	8	0.074	1.43	2.15	1.06	0.34	4.99	1.95	2.10	9.04
Plant - Folding	8R-38 2x1	MFWD 170	64,900	150	8	0.049	0.95	1.43	1.20	0.22	3.82	2.22	1.39	7.44
Plant - Folding	10R-30	MFWD 190	47,426	150	8	0.075	1.44	2.43	1.34	0.37	5.60	2.47	2.29	10.37
Plant - Folding	10R-38	MFWD 190	43,011	150	8	0.059	1.14	1.91	0.95	0.29	4.31	1.76	1.81	7.89
Plant - Folding	12R-20	MFWD 190	59,900	150	8	0.094	1.81	3.04	2.11	0.47	7.44	3.90	2.87	14.21
Plant - Folding	12R-30	MFWD 190	59,300	150	8	0.062	1.20	2.02	1.39	0.31	4.94	2.57	1.91	9.43
Plant - Folding	12R-38	MFWD 190	64,900	150	8	0.049	0.95	1.60	1.20	0.24	4.01	2.22	1.51	7.74
Plant - Folding	16R-30	MFWD 190	85,200	150	8	0.047	0.90	1.52	1.50	0.23	4.16	2.77	1.43	8.38
Plant - Folding	23R-15	MFWD 190	112,000	150	8	0.065	1.25	2.11	2.74	0.32	6.44	5.06	1.99	13.50
Plant - Folding	24R-20	MFWD 190	127,000	150	8	0.047	0.90	1.52	2.24	0.23	4.90	4.13	1.43	10.48
Plant - Folding	24R-30	MFWD 190	145,000	150	8	0.031	0.60	1.01	1.70	0.15	3.48	3.14	0.95	7.59
Plant - Rigid	4R-30	2WD 130	19,900	150	8	0.188	3.62	4.16	1.40	0.56	9.75	2.59	3.26	15.61
Plant - Rigid	4R-38	2WD 130	21,400	150	8	0.148	2.85	3.27	1.19	0.44	7.76	2.19	2.57	12.53
Plant - Rigid	6R-30	MFWD 150	27,600	150	8	0.125	2.41	3.20	1.30	0.53	7.45	2.39	3.12	12.98
Plant - Rigid	6R-38	MFWD 150	25,000	150	8	0.099	1.90	2.52	0.93	0.42	5.78	1.71	2.46	9.97
Plant - Rigid	8R-22	MFWD 170	18,473	150	8	0.127	2.45	3.69	0.88	0.59	7.62	1.63	3.60	12.86
Plant - Rigid	8R-30	MFWD 170	32,500	150	8	0.094	1.81	2.72	1.14	0.43	6.11	2.11	2.65	10.89
Plant - Rigid	8R-38	MFWD 170	30,500	150	8	0.074	1.43	2.15	0.85	0.34	4.78	1.57	2.10	8.45
Plant - Rigid	10R-30	MFWD 190	36,500	150	8	0.075	1.44	2.43	1.03	0.37	5.29	1.90	2.29	9.49
Plant - Rigid	12R-20	MFWD 190	42,000	150	8	0.094	1.81	3.04	1.48	0.47	6.80	2.73	2.87	12.41
Plant - Rigid	12R-30	MFWD 190	53,700	150	8	0.062	1.20	2.02	1.26	0.31	4.81	2.33	1.91	9.06
Plant - Rigid	15R-15	2WD 150	49,900	150	8	0.094	1.81	2.40	1.76	0.38	6.35	3.25	2.22	11.83
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, (Continued) and direct and fixed cost per acre, Louisiana 2014.

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	23,700	200	12	0.057	0.54	1.84	0.36	0.28	3.04	0.61	1.74	5.39
Rice Grain Cart	700 Bu	MFWD 190	34,000	200	12	0.063	0.60	2.04	0.58	0.31	3.55	0.97	1.93	6.46
Roller	32'	MFWD 170	17,500	100	12	0.046	0.44	1.34	0.13	0.21	2.14	0.73	1.31	4.19
Rotary Cutter	7'	MFWD 130	4,250	185	10	0.168	1.61	3.71	0.58	0.55	6.47	0.39	3.24	10.10
Rotary Cutter	12'	2WD 150	12,900	185	10	0.098	0.94	2.50	1.02	0.39	4.87	0.69	2.31	7.88
Rotary Cutter	15'	MFWD 150	19,000	185	10	0.078	0.75	2.00	1.21	0.33	4.30	0.82	1.95	7.08
Row Cond & Inc	13'	2WD 130	12,600	100	10	0.137	1.98	3.04	0.43	0.41	5.87	1.77	2.39	10.04
Row Cond & Inc	21'	2WD 170	17,200	100	10	0.085	1.22	2.46	0.36	0.31	4.38	1.49	1.93	7.81
Row Cond & Inc	26'	MFWD 190	17,900	100	10	0.063	0.91	2.04	0.28	0.31	3.55	1.15	1.93	6.64
Row Cond & Inc	38'	MFWD 225	27,100	100	10	0.047	0.67	1.80	0.31	0.32	3.12	1.30	1.95	6.38
Row Cond & Inc	42'	MFWD 225	20,400	100	10	0.040	0.57	1.53	0.20	0.27	2.59	0.83	1.66	5.09
Row Cond (Harrow)	13'	2WD 130	7,120	100	10	0.114	1.10	2.53	0.20	0.34	4.18	0.83	1.99	7.00
Row Cond (Harrow)	21'	2WD 170	11,700	100	10	0.071	0.68	2.05	0.20	0.26	3.20	0.84	1.61	5.66
Row Cond (Harrow)	27'	MFWD 190	12,400	100	10	0.057	0.55	1.85	0.17	0.28	2.87	0.72	1.75	5.34
Row Cond (Harrow)	38'	MFWD 225	22,200	100	10	0.039	0.37	1.50	0.21	0.26	2.36	0.88	1.63	4.88
Row Cond (Harrow)	42'	MFWD 225	15,582	100	10	0.035	0.34	1.35	0.13	0.24	2.08	0.56	1.47	4.12
Row Cond (Plant)	13'	2WD 130	7,120	100	10	0.157	1.50	3.47	0.27	0.46	5.72	1.14	2.72	9.59
Row Cond (Plant)	21'	2WD 170	11,700	100	10	0.097	0.93	2.80	0.28	0.36	4.39	1.16	2.20	7.75
Row Cond (Plant)	27'	MFWD 190	12,400	100	10	0.078	0.75	2.53	0.24	0.39	3.92	0.99	2.39	7.31
Row Cond (Plant)	38'	MFWD 225	16,587	100	10	0.053	0.51	2.05	0.22	0.36	3.16	0.90	2.23	6.30
Row Cond (Plant)	42'	MFWD 225	15,582	100	10	0.048	0.46	1.85	0.18	0.33	2.84	0.77	2.02	5.64
RT Cult (Early)	8R-30	2WD 170	20,774	200	12	0.103	0.99	2.97	1.02	0.38	5.37	1.00	2.33	8.71
RT Cult (Early)	12R-30	2WD 190	29,998	200	12	0.068	0.66	2.21	0.98	0.30	4.17	0.96	1.87	7.01
RT Cult (Late)	8R-30	2WD 170	20,774	200	12	0.128	1.23	3.72	1.28	0.47	6.72	1.25	2.92	10.89
RT Cult (Late)	12R-30	2WD 190	29,998	200	12	0.085	0.82	2.77	1.23	0.38	5.21	1.20	2.34	8.76
RT Cult + PD (Early)	8R-30	2WD 150	26,264	200	12	0.110	1.58	2.80	1.38	0.44	6.21	1.35	2.59	10.16
RT Cult + PD (Early)	12R-30	MFWD 225	35,493	200	12	0.073	1.05	2.80	1.24	0.49	5.60	1.21	3.04	9.86
RT Cult + PD (Late)	8R-30	2WD 170	26,264	200	12	0.137	1.97	3.97	1.73	0.51	8.19	1.68	3.11	12.99
RT Cult + PD (Late)	12R-30	2WD 190	35,493	200	12	0.091	1.31	2.95	1.55	0.40	6.24	1.52	2.49	10.26
Spin Spreader	5 ton	MFWD 190	11,300	100	8	0.042	0.80	1.35	0.26	0.21	2.64	0.51	1.28	4.44
Spin Spreader	5 ton	MFWD 190	11,300	100	8	0.042	0.80	1.35	0.26	0.21	2.64	0.51	1.28	4.44
Spray (Band)	27'	MFWD 170	5,480	200	8	0.062	0.90	1.80	0.16	0.28	3.16	0.18	1.76	5.11
Spray (Band)	40'	MFWD 170	7,220	200	8	0.042	0.60	1.22	0.14	0.19	2.16	0.16	1.19	3.52
Spray (Band)	50'	MFWD 170	7,410	200	8	0.033	0.48	0.97	0.11	0.15	1.73	0.13	0.95	2.83
Spray (Band)	53'	MFWD 170	8,340	200	8	0.031	0.45	0.92	0.12	0.14	1.65	0.14	0.90	2.69
Spray (Band)	60'	MFWD 170	10,400	200	8	0.028	0.40	0.81	0.13	0.13	1.48	0.15	0.79	2.44
Spray (Bcast/HB)	13' Rigid	MFWD 150	5,800	200	8	0.130	1.87	3.31	0.35	0.55	6.10	0.41	3.23	9.75
Spray (Bcast/HB)	20' Rigid	2WD 50	6,840	200	8	0.084	1.21	0.71	0.27	0.05	2.25	0.31	0.29	2.87
Spray (Bcast/HB)	27' Fold	MFWD 170	10,700	200	8	0.062	0.90	1.80	0.31	0.28	3.31	0.36	1.76	5.44
Spray (Bcast/HB)	27' Rigid	MFWD 170	7,890	200	8	0.062	0.90	1.80	0.23	0.28	3.23	0.26	1.76	5.27
Spray (Bcast/HB)	30' Fold	MFWD 170	15,300	200	8	0.056	0.81	1.62	0.40	0.26	3.10	0.47	1.59	5.16
Spray (Bcast/HB)	40' Fold	MFWD 170	17,400	200	8	0.042	0.60	1.22	0.34	0.19	2.37	0.40	1.19	3.96
Spray (Bcast/HB/HD)	27'	MFWD 170	12,100	200	8	0.062	0.90	1.80	0.35	0.28	3.35	0.41	1.76	5.53
Spray (Bcast/HB/HD)	40'	MFWD 170	19,100	200	8	0.042	0.60	1.22	0.37	0.19	2.40	0.44	1.19	4.03
Spray (Broadcast)	27'	MFWD 170	5,480	200	8	0.062	0.90	1.80	0.16	0.28	3.16	0.18	1.76	5.11
Spray (Broadcast)	40'	MFWD 170	7,220	200	8	0.042	0.60	1.22	0.14	0.19	2.16	0.16	1.19	3.52
Spray (Broadcast)	50'	MFWD 170	7,410	200	8	0.033	0.48	0.97	0.11	0.15	1.73	0.13	0.95	2.83
Spray (Broadcast)	53'	MFWD 170	8,340	200	8	0.031	0.45	0.92	0.12	0.14	1.65	0.14	0.90	2.69
Spray (Broadcast)	60'	MFWD 170	10,400	200	8	0.028	0.40	0.81	0.13	0.13	1.48	0.15	0.79	2.44
Spray (Direct/Hood)	8R-30	MFWD 170	12,400	200	8	0.084	1.21	2.44	0.49	0.39	4.54	0.57	2.38	7.50
Spray (Direct/Hood)	8R-38	MFWD 170	13,700	200	8	0.066	0.96	1.93	0.42	0.30	3.63	0.49	1.88	6.01
Spray (Direct/Hood)	12R-30	MFWD 170	19,000	200	8	0.056	0.81	1.62	0.50	0.26	3.20	0.58	1.59	5.37
Spray (Direct/Hood)	12R-38	MFWD 170	19,300	200	8	0.044	0.64	1.28	0.40	0.20	2.53	0.46	1.25	4.25
Spray (Direct/Layby)	8R-30	MFWD 170	12,300	200	8	0.084	1.21	2.44	0.48	0.39	4.54	0.56	2.38	7.49
Spray (Direct/Layby)	8R-38	MFWD 170	12,900	200	8	0.066	0.96	1.93	0.40	0.30	3.60	0.47	1.88	5.96
Spray (Direct/Layby)	8R-38 2x1	MFWD 170	19,000	200	8	0.044	0.64	1.28	0.39	0.20	2.52	0.46	1.25	4.24
Spray (Direct/Layby)	10R-30	MFWD 170	12,200	200	8	0.067	0.97	1.95	0.38	0.31	3.62	0.44	1.90	5.98
Spray (Direct/Layby)	12R-30	MFWD 170	17,000	200	8	0.056	0.81	1.62	0.44	0.26	3.15	0.52	1.59	5.26
Spray (Direct/Layby)	12R-38	MFWD 170	19,000	200	8	0.044	0.64	1.28	0.39	0.20	2.52	0.46	1.25	4.24
Spray (Direct/Layby)	16R-20	MFWD 170	9,840	200	8	0.063	0.91	1.83	0.29	0.29	3.32	0.33	1.78	5.45
Spray (Spot)	27'	MFWD 170	5,480	200	8	0.062	0.90	1.80	0.16	0.28	3.16	0.18	1.76	5.11
Spray (Spot)	40'	MFWD 170	7,220	200	8	0.042	0.60	1.22	0.14	0.19	2.16	0.16	1.19	3.52
Spray (Spot)	50'	MFWD 170	7,420	200	8	0.033	0.48	0.97	0.11	0.15	1.73	0.13	0.95	2.83
Spray (Spot)	53'	MFWD 170	6,430	200	8	0.031	0.45	0.92	0.09	0.14	1.62	0.11	0.90	2.63
Spray (Spot)	60'	MFWD 170	10,400	200	8	0.028	0.40	0.81	0.13	0.13	1.48	0.15	0.79	2.44
Stalk Shredder	14'	MFWD 150	13,000	200	10	0.117	1.13	3.00	1.34	0.50	5.97	0.78	2.93	9.69
Stalk Shredder	20'	MFWD 150	30,500	200	10	0.082	0.79	2.10	2.20	0.35	5.44	1.28	2.05	8.78
Stalk Shredder-Flail	12'	MFWD 150	15,800	200	10	0.137	1.32	3.50	1.90	0.58	7.31	1.10	3.42	11.84
Stalk Shredder-Flail	20'	MFWD 150	26,300	200	10	0.082	0.79	2.10	1.89	0.35	5.14	1.10	2.05	8.30
Subsoiler	3 shank	MFWD 190	3,550	100	15	0.204	1.96	6.59	0.24	1.02	9.81	0.57	6.22	16.61
Subsoiler	4 shank	MFWD 225	8,050	100	15	0.153	1.47	5.87	0.41	1.04	8.80	0.97	6.37	16.15
Subsoiler	5 shank	MFWD 225	7,870	100	15	0.122	1.17	4.67	0.32	0.83	7.00	0.75	5.08	12.84
Subsoiler low-till	4 shank	MFWD 225	10,580	100	15	0.153	1.47	5.87	0.54	1.04	8.93	1.27	6.37	16.59
Subsoiler low-till	6 shank	MFWD 225	10,500	100	15	0.102	0.98	3.90	0.35	0.69	5.93	0.84	4.24	11.02
Subsoiler low-till	8 shank	MFWD 225	19,600	100	15	0.076	0.73	2.92	0.50	0.52	4.68	1.18	3.17	9.03
TerraTill Bed w/roll	4R-38	MFWD 225	14,300	150	12	0.160	1.54	6.14	0.83	1.09	9.62	1.38	6.68	17.68

Appendix Table 4. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre, Louisiana 2014.
(Continued)

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost		
			dollars	hours	years	hr/ac	-----\$/acre-----							Imp.	P.U.	
TerraTill Bed w/roll	6R-38	MFWD 225	19,400	150	12	0.107	1.03	4.10	0.75	0.73	6.62	1.25	4.46	12.34		
TerraTill Bed w/roll	4R-30	MFWD 225	14,300	150	12	0.204	1.96	7.80	1.05	1.39	12.21	1.75	8.48	22.46		
TerraTill Bed w/roll	6R-30	MFWD 225	15,310	150	12	0.136	1.30	5.20	0.75	0.92	8.19	1.25	5.65	15.10		
Boll Buggy-1st Pick	2R38"157hp	MFWD 190	26,200	200	10	0.519	4.98	16.77	3.40	2.59	27.76	6.66	15.83	50.26		
Boll Buggy-1st pick	4R2x1260hp	MFWD 190	26,200	200	10	0.172	1.65	5.56	1.12	0.86	9.20	2.20	5.25	16.66		
Boll Buggy-1st pick	4R30"250hp	MFWD 190	26,200	200	10	0.327	3.14	10.56	2.14	1.63	17.48	4.19	9.97	31.66		
Boll Buggy-1st pick	4R30"325hp	MFWD 190	30,500	200	10	0.327	3.14	10.56	2.49	1.63	17.84	4.88	9.97	32.70		
Boll Buggy-1st pick	4R38"255hp	MFWD 190	30,500	200	10	0.257	2.47	8.31	1.96	1.28	14.04	3.84	7.85	25.75		
Boll Buggy-1st pick	4R38"325hp	MFWD 190	30,500	200	10	0.257	2.47	8.31	1.96	1.28	14.04	3.84	7.85	25.75		
Boll Buggy-1st pick	5R30"255hp	MFWD 190	30,500	200	10	0.261	2.51	8.45	1.99	1.30	14.27	3.90	7.98	26.16		
Boll Buggy-1st pick	5R38"255hp	MFWD 190	30,500	200	10	0.207	1.98	6.68	1.57	1.03	11.29	3.09	6.31	20.70		
Boll Buggy-1st pick	6R30"325hp	MFWD 190	30,500	200	10	0.218	2.09	7.04	1.66	1.09	11.89	3.25	6.65	21.81		
Boll Buggy-1st pick	6R38"325hp	MFWD 190	30,500	200	10	0.172	1.65	5.56	1.31	0.86	9.39	2.57	5.25	17.21		
Boll Buggy-2nd pick	2R38"157hp	MFWD 190	30,500	200	10	0.440	4.22	14.20	3.35	2.20	23.98	6.57	13.41	43.97		
Boll Buggy-2nd pick	4R2x1260hp	MFWD 190	30,500	200	10	0.145	1.40	4.71	1.11	0.72	7.95	2.17	4.44	14.58		
Boll Buggy-2nd pick	4R30"255hp	MFWD 190	30,500	200	10	0.277	2.66	8.94	2.11	1.38	15.11	4.14	8.45	27.70		
Boll Buggy-2nd pick	4R30"325hp	MFWD 190	30,500	200	10	0.277	2.66	8.94	2.11	1.38	15.11	4.14	8.45	27.70		
Boll Buggy-2nd pick	4R38 255hp	MFWD 190	30,500	200	10	0.218	2.09	7.04	1.66	1.09	11.89	3.25	6.65	21.81		
Boll Buggy-2nd pick	4R38 325hp	MFWD 190	30,500	200	10	0.218	2.09	7.04	1.66	1.09	11.89	3.25	6.65	21.81		
Boll Buggy-2nd pick	5R30"255hp	MFWD 190	30,500	200	10	0.221	2.12	7.15	1.69	1.10	12.09	3.31	6.76	22.16		
Boll Buggy-2nd pick	5R38"255hp	MFWD 190	30,500	200	10	0.175	1.68	5.66	1.33	0.87	9.56	2.62	5.34	17.53		
Boll Buggy-2nd pick	6R30"325hp	MFWD 190	30,500	200	10	0.184	1.77	5.96	1.40	0.92	10.07	2.75	5.63	18.46		
Boll Buggy-2nd pick	6R38"325hp	MFWD 190	30,500	200	10	0.145	1.40	4.71	1.11	0.72	7.95	2.17	4.44	14.58		
Boll Buggy-Stripper	13' Bcast	MFWD 150	30,500	200	10	0.251	2.41	6.41	1.92	1.07	11.83	3.75	6.26	21.85		
Boll Buggy-Stripper	16' Bcast	MFWD 150	30,500	200	10	0.204	1.96	5.21	1.56	0.87	9.61	3.05	5.09	17.75		
Boll Buggy-Stripper	19' Bcast	MFWD 150	30,500	200	10	0.172	1.65	4.39	1.31	0.73	8.09	2.57	4.28	14.95		
Boll Buggy-Stripper	4R30"2X1Br	MFWD 150	30,500	200	10	0.218	2.09	5.56	1.66	0.93	10.25	3.25	5.43	18.94		
Boll Buggy-Stripper	4R30"Brush	MFWD 150	30,500	200	10	0.327	3.14	8.34	2.49	1.40	15.38	4.88	8.14	28.41		
Boll Buggy-Stripper	4R38"2X1Br	MFWD 150	30,500	200	10	0.172	1.65	4.39	1.31	0.73	8.09	2.57	4.28	14.95		
Boll Buggy-Stripper	4R38"Brush	MFWD 150	30,500	200	10	0.257	2.47	6.56	1.96	1.10	12.11	3.84	6.41	22.37		
Boll Buggy-Stripper	5R30"Brush	MFWD 150	30,500	200	10	0.261	2.51	6.67	1.99	1.12	12.30	3.90	6.51	22.73		
Boll Buggy-Stripper	5R38"Brush	MFWD 150	30,500	200	10	0.207	1.98	5.27	1.57	0.88	9.73	3.09	5.15	17.98		
Boll Buggy-Stripper	6R30"Brush	MFWD 150	30,500	200	10	0.218	2.09	5.56	1.66	0.93	10.25	3.25	5.43	18.94		
Module Builder-1st	4R-30(255)	MFWD 190	31,300	200	10	0.327	6.28	10.56	2.56	1.63	21.04	5.01	9.97	36.04		
Module Builder-1st	4R-30(325)	MFWD 190	33,500	200	10	0.327	6.28	10.56	2.74	1.63	21.23	5.36	9.97	36.57		
Module Builder-1st	4R-38(255)	MFWD 190	33,500	200	10	0.257	4.94	8.31	2.15	1.28	16.71	4.22	7.85	28.80		
Module Builder-1st	4R-38(325)	MFWD 190	33,500	200	10	0.257	4.94	8.31	2.15	1.28	16.71	4.22	7.85	28.80		
Module Builder-1st	4R2x1260hp	MFWD 190	33,500	200	10	0.172	3.30	5.56	1.44	0.86	11.17	2.82	5.25	19.25		
Module Builder-1st	5R-30(255)	MFWD 190	33,500	200	10	0.261	5.02	8.45	2.19	1.30	16.98	4.29	7.98	29.26		
Module Builder-1st	5R-38(255)	MFWD 190	33,500	200	10	0.207	3.97	6.68	1.73	1.03	13.43	3.39	6.31	23.14		
Module Builder-1st	6R-30(325)	MFWD 190	33,500	200	10	0.218	4.19	7.04	1.82	1.09	14.15	3.57	6.65	24.38		
Module Builder-1st	6R-38(325)	MFWD 190	33,500	200	10	0.172	3.30	5.56	1.44	0.86	11.17	2.82	5.25	19.25		
Module Builder-2nd	2R-38(157)	MFWD 190	33,500	200	10	0.440	8.45	14.20	3.68	2.20	28.54	7.21	13.41	49.17		
Module Builder-2nd	4R-30(255)	MFWD 190	33,500	200	10	0.277	5.32	8.94	2.32	1.38	17.98	4.54	8.45	30.98		
Module Builder-2nd	4R-30(325)	MFWD 190	33,500	200	10	0.277	5.32	8.94	2.32	1.38	17.98	4.54	8.45	30.98		
Module Builder-2nd	4R-38(255)	MFWD 190	33,500	200	10	0.218	4.19	7.04	1.82	1.09	14.15	3.58	6.65	24.39		
Module Builder-2nd	4R-38(325)	MFWD 190	33,500	200	10	0.218	4.19	7.04	1.82	1.09	14.15	3.58	6.65	24.39		
Module Builder-2nd	4R2x1 255	MFWD 190	33,500	200	10	0.145	2.80	4.71	1.22	0.72	9.46	2.39	4.44	16.30		
Module Builder-2nd	5R-30(255)	MFWD 190	33,500	200	10	0.221	4.25	7.15	1.85	1.10	14.38	3.63	6.76	24.78		
Module Builder-2nd	5R-38(255)	MFWD 190	33,500	200	10	0.175	3.36	5.66	1.46	0.87	11.38	2.87	5.34	19.60		
Module Builder-2nd	6R-30(325)	MFWD 190	33,500	200	10	0.184	3.54	5.96	1.54	0.92	11.98	3.03	5.63	20.65		
Module Builder-2nd	6R-38(325)	MFWD 190	33,500	200	10	0.145	2.80	4.71	1.22	0.72	9.46	2.39	4.44	16.30		
Module Builder-Strip	13' Bcast	MFWD 150	33,500	200	10	0.251	4.83	6.41	2.10	1.07	14.43	4.12	6.26	24.83		
Module Builder-Strip	16' Bcast	MFWD 150	33,500	200	10	0.204	3.92	5.21	1.71	0.87	11.73	3.35	5.09	20.17		
Module Builder-Strip	19' Brush	MFWD 150	33,500	200	10	0.172	3.30	4.39	1.44	0.73	9.87	2.82	4.28	16.99		
Module Builder-Strip	4R-30	MFWD 150	31,300	200	10	0.327	6.28	8.34	2.56	1.40	18.59	5.01	8.14	31.75		
Module Builder-Strip	4R-30 2X1	MFWD 150	33,500	200	10	0.218	4.19	5.56	1.82	0.93	12.51	3.57	5.43	21.52		
Module Builder-Strip	4R-38	MFWD 150	33,500	200	10	0.257	4.94	6.56	2.15	1.10	14.77	4.22	6.41	25.42		
Module Builder-Strip	4R-38 2X1	MFWD 150	33,500	200	10	0.172	3.30	4.39	1.44	0.73	9.87	2.82	4.28	16.99		
Module Builder-Strip	5R-30	MFWD 150	33,500	200	10	0.261	5.02	6.67	2.19	1.12	15.01	4.29	6.51	25.82		
Module Builder-Strip	5R-38	MFWD 150	33,500	200	10	0.207	3.97	5.27	1.73	0.88	11.87	3.39	5.15	20.43		
Module Builder-Strip	6R-30	MFWD 150	33,500	200	10	0.218	4.19	5.56	1.82	0.93	12.51	3.57	5.43	21.52		