
**2012
Projected
Commodity
Costs
And
Returns**

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

Michael A. Deliberto and Michael E. Salassi



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**PROJECTED COSTS AND RETURNS
COTTON, SOYBEANS, CORN, GRAIN SORGHUM,
AND WHEAT, LOUISIANA, 2012**

by

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INTERNET ACCESS

This publication, along with 2012 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, 2012

by

Michael A. Deliberto and Michael E. Salassi¹

INTRODUCTION

Producers need reliable information upon which to base critical management decisions. These decisions include the use of various inputs in the production process as well as alternative enterprises. Given the events of the past year and the resultant changes in input costs, production decisions are likely to be even more critical in 2012. 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 2012 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 \$1.50 per acre. Cotton budgets in this publication include the assessment as a cost of producing cotton for 2012.

Cotton Harvesting/Ginning

Harvesting costs shown in the budgets are based on using four-row cotton pickers. While four-row pickers continue to account for the dominant share of picking capacity in the state, six-row

pickers account for a significant share. In addition, there are a limited number of cotton harvesters employing the “on-board module” technology. Data on costs associated with owning and operating both four- and six-row cotton pickers are presented in the appendix to this report. These data indicate that the cost of owning and operating a six-row picker are approximately \$73 per acre compared to about \$88 for a four-row picker. These costs assume that the six-row machine is used on approximately 1,200 acres while the four-row picker is used on 800 acres. If the rate of use is less, then these costs would be higher. The enterprise budgets reflect once-over harvest for cotton. The decision to “scrap” cotton should be based on the potential profitability of the operation comparing the value of the cotton harvested with the cost of operating the cotton picker and associated equipment.

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

Soybean Budgets

Budgets showing projected costs for 2012 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 2012 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, 2012.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
IRRIGATION LABOR					
Implements	hour	9.60	0.0062	0.06	_____
LA Hired Labor					
Tractors	hour	9.60	0.2930	2.81	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
DIESEL FUEL					
Tractors	gal	3.50	2.8274	9.90	_____
Engine, RPF, 75	gal	3.50	8.5535	29.94	_____
REPAIR & MAINTENANCE					
Implements	Acre	0.40	1.0000	0.40	_____
Tractors	Acre	1.16	1.0000	1.16	_____
Well & Pump, Furrow	each	390.00	0.0062	2.44	_____
Engine, RPF, 75	ac-in	0.31	10.5000	3.33	_____
INTEREST ON OP. CAP.	Acre	0.84	1.0000	0.84	_____
TOTAL DIRECT EXPENSES				58.92	_____
FIXED EXPENSES					
Implements	Acre	1.10	1.0000	1.10	_____
Tractors	Acre	7.39	1.0000	7.39	_____
Well & Pump, Furrow	each	1182.03	0.0062	7.39	_____
Main Line Pipe	each	825.75	0.0062	5.16	_____
Land Forming (\$300)	each	28.36	1.0000	28.37	_____
Engine, RPF, 75	each	1163.72	0.0062	7.27	_____
TOTAL FIXED EXPENSES				56.68	_____
TOTAL SPECIFIED EXPENSES				115.60	_____

Table 2 Estimated costs per Acre
Center pivot irrigation system, 1/4 mile
applying 7.5 inchwa in three applications Louisiana, 2012.

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	3.50	11.2011	39.20	_____
REPAIR & MAINTENANCE					
Well & Pump, 1/4 CP	each	390.00	0.0074	2.89	_____
Engine, 1/4 CP, 65	ac-in	0.41	7.5000	3.10	_____
Pivot, 1/4 CP	1320'	1620.00	0.0074	12.00	_____
INTEREST ON OP. CAP.	Acre	0.94	1.0000	0.94	_____

TOTAL DIRECT EXPENSES				60.08	_____
FIXED EXPENSES					
Well & Pump, 1/4 CP	each	1182.03	0.0074	8.76	_____
Engine, 1/4 CP, 65	each	917.86	0.0074	6.80	_____
Pivot, 1/4 CP	each	6638.13	0.0074	49.17	_____

TOTAL FIXED EXPENSES				64.73	_____

TOTAL SPECIFIED EXPENSES				124.81	_____

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 2012 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 2012 cotton budgets. This charge was based on a flat charge of one dollar per bale plus 0.5 percent of the value of a 480 pound bale. A summary of breakeven selling prices necessary to recover direct expenses as well as total costs is shown in tables accompanying the enterprise budgets. Breakeven selling prices are shown for five yield levels.

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

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

"Breakeven" selling prices have been included in this report for five production levels for each crop situation budgeted. The breakeven selling price represents the cost per unit of output at that particular yield level. Thus, a price higher than the breakeven price would have to be received before the operator would receive a return above the specified costs. "Breakeven" prices have been presented for "direct expenses" (a close approximation of cash costs for most producers) and for "total specified expenses", which represents all costs except overhead, land, and risk costs for the business. Therefore, owner-operators would need a price above the total specified breakeven cost before a return to land would be incurred. For example, if the breakeven selling price above total specified expenses for soybeans at a yield of 40 bushels per acre is \$4.50 and the expected selling price is \$5.50 per bushel, then the producer could expect \$1.00 per bushel or \$40.00 returns per acre to land and risk.

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

Table 3. A summary of projected costs and returns per acre for cotton production, Northeast Louisiana, 2012.^A

Crop Description	Yield per Acre	Unit	Total Income	Total Direct Expenses	Returns Above Direct Expenses	Total Fixed Expenses	Total Specified Expenses ^c	Returns Above Specified Expenses
Alluvial Areas								
Cotton, 8-row, B2/RRF, Dryland	850	Lbs. lint	773.50	544.05	229.45	109.66	653.71	119.79
Cotton, 8-row, B2/RRF, Irrigated	1100	Lbs lint	1001.00	608.27	392.73	166.74	775.01	225.99
Cotton, 12-row, BGII/RRF, Irrigated	1100	Lbs. lint	1001.00	584.83	416.17	162.74	747.57	253.43
Macon Ridge Area								
Cotton, 8-row, BGII/RRF, Irrigated,	1000	Lbs. lint	910.00	574.20	335.80	163.03	737.23	172.77

^ACotton lint price of \$0.91 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, 2012.^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	480.00	307.42	172.58	27.11	334.53	145.47
Soybeans, 8-row, RR, Irrigated	50	bu	600.00	352.13	247.87	83.66	435.79	164.21
Soybeans, 12-20"-row, RR	40	bu	480.00	304.65	175.35	25.97	330.62	149.38
Soybeans, 12-20"-row, RR, Irrigated	50	bu	600.00	351.22	248.78	83.72	434.94	165.06
Macon Ridge Area								
Soybeans, 8-row, Irrigated	45	bu	540.00	336.89	203.11	83.97	420.86	119.14

^ASoybean price of \$12.00 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, 2012.^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	840.00	471.11	368.89	34.33	505.44	334.56
Corn grain, 8-row, RR, Irrigated	180	bu	1008.00	558.04	449.96	91.25	649.29	358.71
Corn grain, 8-row, BtRR, Dryland	150	bu	840.00	459.08	380.92	34.33	493.41	346.59
Corn grain, 8-row, BtRR, Irrigated	180	bu	1008.00	557.15	450.85	91.01	648.16	359.84
Grain sorghum, 8-row,	100	bu	448.00	299.14	148.86	24.85	323.99	124.01
Wheat, 8-row, Drilled	60	bu	378.00	227.00	151.00	24.06	251.06	126.94
Soybean-Wheat (dbl. crop), Owner	45 + 50	bu	855.00	542.77	312.23	101.58	644.35	210.65

^A Crop prices used were: \$5.60 per bushel for corn, \$4.48 per bushel for grain sorghum, \$6.30 per bushel for wheat, and of \$12.00 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, 2012.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (3 gal)	appl	4.50	5.0000	22.50	_____
App by Air (5 gal)	appl	5.75	1.0000	5.75	_____
HARVEST AIDS					
Dropp SC	oz	1.74	1.2000	2.09	_____
Prep	pt	3.00	1.3300	3.99	_____
Def/Folex	pt	7.92	0.7500	5.94	_____
FERTILIZERS					
LA Phosphate	lb	0.70	60.0000	42.00	_____
LA Potash	lb	0.51	60.0000	30.60	_____
LA Nitrogen	lb	0.63	90.0000	56.70	_____
HERBICIDES					
Roundup WeatherMax	oz	0.21	88.0000	18.48	_____
2,4-D Amine 4	pt	2.01	1.0000	2.01	_____
Valor WP	oz	4.23	1.5000	6.35	_____
Cotoran 4L	pt	4.69	1.2000	5.63	_____
Dual II Magnum	pt	12.25	1.0000	12.25	_____
Layby Pro	qt	12.75	1.0000	12.75	_____
INSECTICIDES					
Ammo 2.5 EC	oz	0.92	1.2800	1.18	_____
Dimethoate 4E	pt	5.50	0.4000	2.20	_____
Centric 40WG	oz	3.58	4.0000	14.32	_____
Karate Z	oz	2.73	6.3900	17.44	_____
Orthene 90S	lb	3.25	1.1500	3.74	_____
Diamond .83EC	pt	16.28	0.7500	12.21	_____
Bidrin 8L	oz	0.91	12.0000	10.92	_____
SEED/PLANTS					
Cotton Seed BGII/RRF	thous	0.61	52.5000	32.03	_____
TECHNOLOGY FEE					
BGII/RRF Cot Tech Fe	cap/ac	69.25	1.0000	69.25	_____
Eradication Fee	acre	1.50	1.0000	1.50	_____
GROWTH REGULATORS					
Pix Plus	oz	0.28	16.0000	4.48	_____
SERVICE FEE					
Crop Consultant	acre	5.00	1.0000	5.00	_____
Cotton Checkoff	bale	2.56	1.7700	4.53	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	44.00	0.3300	14.52	_____
OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3283	5.02	_____
HAND LABOR					
Self-Propelled	hour	9.60	0.2930	2.79	_____
LA Hired Labor					
Implements	hour	9.60	0.4491	4.30	_____
Tractors	hour	9.60	1.2626	12.12	_____
DIESEL FUEL					
Tractors	gal	3.50	11.8146	41.37	_____
Self-Propelled	gal	3.50	5.3686	18.81	_____
REPAIR & MAINTENANCE					
Implements	Acre	10.07	1.0000	10.07	_____
Tractors	Acre	5.10	1.0000	5.10	_____
Self-Propelled	Acre	14.74	1.0000	14.74	_____
INTEREST ON OP. CAP.	Acre	9.37	1.0000	9.37	_____
TOTAL DIRECT EXPENSES				544.05	_____
FIXED EXPENSES					
Implements	Acre	16.74	1.0000	16.74	_____
Tractors	Acre	32.42	1.0000	32.42	_____
Self-Propelled	Acre	60.50	1.0000	60.50	_____
TOTAL FIXED EXPENSES				109.66	_____
TOTAL SPECIFIED EXPENSES				653.71	_____

Table 6.B Estimated resource use and costs for field operations, per Acre
 B2/RRFlex Cotton, 8-Row Equipment, Dryland
 Alluvial Soil, Louisiana, 2012.

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	1.85	1.24	0.06	0.16	0.04	0.47				3.78
Paratill & Bed Fold.	8R-38	MFWD 225	0.080	0.50	Nov	1.88	1.54	0.79	1.39	0.04	0.39				5.99
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Nov	2.97	1.98	0.90	1.03	0.11	1.12				8.00
LA Phosphate	lb											60.0000	0.70	42.00	42.00
LA Potash	lb											60.0000	0.51	30.60	30.60
Lime (Spread)	ton			0.33	Nov							0.3300	44.00	14.52	14.52
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Nov	2.84	1.89	0.28	0.75	0.07	0.71				6.47
Row Cond (Harrow)	27'	MFWD 190	0.057	1.00	Nov	2.20	1.46	0.17	0.71	0.05	0.55				5.09
Roller	32'	MFWD 170	0.046	1.00	Nov	1.63	1.26	0.10	0.56	0.04	0.45				4.00
Ditcher		2WD 130	0.020	1.00	Nov	0.53	0.37	0.04	0.05	0.02	0.19				1.18
Sprayer (600-750Gal)		60'	0.017	1.00	Mar	0.79	0.97			0.02	0.35				2.11
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
2,4-D Amine 4	pt											1.0000	2.01	2.01	2.01
Valor WP	oz											1.5000	4.23	6.35	6.35
Plant & Pre Folding	8R-38	MFWD 170	0.080	1.00	Apr	2.80	2.17	1.21	2.35	0.16	1.54				10.07
Cotoran 4L	pt											1.2000	4.69	5.63	5.63
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	0.53	0.37	0.04	0.05	0.02	0.19				1.18
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.97	1.98	0.90	1.03	0.11	1.12				8.00
LA Nitrogen	lb											90.0000	0.63	56.70	56.70
Sprayer (600-750Gal)		60'	0.017	1.00	May	0.79	0.97			0.02	0.35				2.11
Dimethoate 4E	pt											0.4000	5.50	2.20	2.20
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Dual II Magnum	pt											1.0000	12.25	12.25	12.25
Sprayer (600-750Gal)		60'	0.017	1.00	May	0.79	0.97			0.02	0.35				2.11
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Centric 40WG	oz											2.0000	3.58	7.16	7.16
Sprayer (600-750Gal)		60'	0.017	1.00	Jun	0.79	0.97			0.02	0.35				2.11
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.50	4.50	4.50
Centric 40WG	oz											2.0000	3.58	7.16	7.16
Pix Plus	oz											4.0000	0.28	1.12	1.12
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jun	2.33	1.81	0.35	0.43	0.10	0.96				5.88
Layby Pro	qt											1.0000	12.75	12.75	12.75
Eradication Fee	acre			1.00	Jul							1.0000	1.50	1.50	1.50
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.50	4.50	4.50
Karate Z	oz											2.1300	2.73	5.81	5.81
Orthene 90S	lb											0.6000	3.25	1.95	1.95
Diamond .83EC	pt											0.3750	16.28	6.11	6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.50	4.50	4.50
Karate Z	oz											2.1300	2.73	5.81	5.81
Bidrin 8L	oz											6.0000	0.91	5.46	5.46
Pix Plus	oz											12.0000	0.28	3.36	3.36
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.50	4.50	4.50
Bidrin 8L	oz											6.0000	0.91	5.46	5.46
Diamond .83EC	pt											0.3750	16.28	6.11	6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.50	4.50	4.50
Orthene 90S	lb											0.5500	3.25	1.79	1.79
Karate Z	oz											2.1300	2.73	5.81	5.81
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.75	5.75	5.75
Dropp SC	oz											1.2000	1.74	2.09	2.09
Prep	pt											1.3300	3.00	3.99	3.99
Def/Folex	pt											0.7500	7.92	5.94	5.94
Cotton Picker-1st-BB		4R38*325hp	0.257	1.00	Sep	30.39	56.62			0.51	6.41				93.42
Module Builder-1st	4R-38(325)	MFWD 190	0.257	1.00	Sep	9.85	6.57	1.97	4.07	0.51	4.94				27.40
Boll Buggy-1st pick	4R38*325hp	MFWD 190	0.257	1.00	Sep	9.85	6.57	1.48	3.07	0.25	2.47				23.44
Stalk Shredder-Flail	12'	MFWD 150	0.137	1.00	Nov	4.24	3.21	1.78	1.09	0.13	1.32				11.64
Crop Consultant	acre			1.00	Nov							1.0000	5.00	5.00	5.00
Cotton Checkoff	bale			1.00	Nov							1.7700	2.56	4.53	4.53
TOTALS						80.02	92.92	10.07	16.74	2.33	24.23			420.36	644.34
INTEREST ON OPERATING CAPITAL															9.37
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															653.71

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, 2012.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.35	0.38	0.41	0.44	0.48	0.53	0.59	0.67	0.76	0.89	1.07
PERCENT	YIELD	UNIT	-----dollars-----										
50	425.00	lb	-304	-293	-280	-266	-249	-228	-202	-171	-130	-76	0
			-414	-403	-390	-375	-358	-337	-312	-280	-240	-185	-109
60	510.00	lb	-273	-260	-245	-228	-207	-182	-152	-114	-65	0	91
			-383	-370	-355	-337	-317	-292	-261	-223	-174	-109	-18
70	595.00	lb	-243	-228	-210	-190	-166	-136	-101	-57	0	76	182
			-353	-337	-320	-299	-275	-246	-211	-166	-109	-33	72
80	680.00	lb	-213	-195	-175	-152	-124	-91	-50	0	65	152	273
			-322	-305	-285	-261	-234	-200	-160	-109	-44	42	164
90	765.00	lb	-182	-163	-140	-114	-83	-45	0	57	130	228	365
			-292	-272	-250	-223	-192	-155	-109	-52	20	118	255
100	850.00	lb	-152	-130	-105	-76	-41	0	50	114	195	304	456
			-261	-240	-215	-185	-151	-109	-58	4	86	194	346
110	935.00	lb	-121	-97	-70	-38	0	45	101	171	260	380	547
			-231	-207	-179	-147	-109	-64	-8	61	151	270	438
120	1020.00	lb	-91	-65	-35	0	41	91	152	228	326	456	639
			-200	-174	-144	-109	-68	-18	42	118	216	346	529
130	1105.00	lb	-60	-32	0	38	83	136	202	285	391	532	730
			-170	-142	-109	-71	-26	27	93	175	281	422	620
140	1190.00	lb	-30	0	35	76	124	182	253	342	456	608	821
			-140	-109	-74	-33	14	72	143	232	346	499	712
150	1275.00	lb	0	32	70	114	166	228	304	399	521	684	913
			-109	-77	-39	4	56	118	194	289	412	575	803

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, 2012.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.44	0.47	0.51	0.55	0.60	0.66	0.74	0.83	0.95	1.11	1.33
PERCENT	YIELD	UNIT	-----dollars-----										
50	425.00	lb	-267	-254	-238	-220	-199	-173	-141	-102	-52	15	109
			-377	-363	-348	-330	-308	-283	-251	-212	-161	-94	0
60	510.00	lb	-230	-213	-195	-173	-147	-116	-79	-31	28	109	222
			-339	-323	-304	-283	-257	-226	-188	-141	-80	0	113
70	595.00	lb	-192	-173	-151	-126	-96	-60	-16	38	109	204	336
			-301	-283	-261	-235	-205	-169	-125	-70	0	94	226
80	680.00	lb	-154	-133	-108	-79	-44	-3	46	109	190	298	449
			-264	-242	-217	-188	-154	-113	-62	0	80	188	339
90	765.00	lb	-116	-92	-64	-31	6	53	109	180	271	392	562
			-226	-202	-174	-141	-102	-56	0	70	161	283	452
100	850.00	lb	-79	-52	-21	15	58	109	172	251	352	487	675
			-188	-161	-130	-94	-51	0	62	141	242	377	566
110	935.00	lb	-41	-11	22	62	109	166	235	321	433	581	789
			-150	-121	-87	-47	0	56	125	212	323	471	679
120	1020.00	lb	-3	28	66	109	161	222	298	392	514	675	902
			-113	-80	-43	0	51	113	188	283	404	566	792
130	1105.00	lb	34	69	109	156	212	279	361	463	594	770	1015
			-75	-40	0	47	102	169	251	353	485	660	905
140	1190.00	lb	71	109	153	204	264	336	424	534	675	864	1128
			-37	0	43	94	154	226	314	424	566	754	1019
150	1275.00	lb	109	150	196	251	315	392	487	605	756	958	1242
			0	40	87	141	205	283	377	495	647	849	1132

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, 2012.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (3 gal)	appl	4.50	5.0000	22.50	_____
App by Air (5 gal)	appl	5.75	1.0000	5.75	_____
HARVEST AIDS					
Dropp SC	oz	1.74	1.2000	2.09	_____
Prep	pt	3.00	1.3300	3.99	_____
Def/Folex	pt	7.92	0.7500	5.94	_____
FERTILIZERS					
LA Phosphate	lb	0.70	60.0000	42.00	_____
LA Potash	lb	0.51	60.0000	30.60	_____
LA Nitrogen	lb	0.63	90.0000	56.70	_____
HERBICIDES					
Roundup WeatherMax	oz	0.21	88.0000	18.48	_____
2,4-D Amine 4	pt	2.01	1.0000	2.01	_____
Valor WP	oz	4.23	1.5000	6.35	_____
Cotoran 4L	pt	4.69	1.2000	5.63	_____
Dual II Magnum	pt	12.25	1.0000	12.25	_____
Layby Pro	qt	12.75	1.0000	12.75	_____
INSECTICIDES					
Ammo 2.5 EC	oz	0.92	1.2800	1.18	_____
Dimethoate 4E	pt	5.50	0.4000	2.20	_____
Orthene 90S	lb	3.25	1.8000	5.85	_____
Centric 40WG	oz	3.58	4.0000	14.32	_____
Karate Z	oz	2.73	6.3900	17.44	_____
Bidrin 8L	oz	0.91	12.0000	10.92	_____
Diamond .83EC	pt	16.28	0.7500	12.21	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
SEED/PLANTS					
Cotton Seed BGII/RRF	thous	0.61	52.5000	32.03	_____
TECHNOLOGY FEE					
BGII/RRF Cot Tech Fe	cap/ac	69.25	1.0000	69.25	_____
Eradication Fee	acre	1.50	1.0000	1.50	_____
GROWTH REGULATORS					
Pix Plus	oz	0.28	24.0000	6.72	_____
SERVICE FEE					
Crop Consultant	acre	5.00	1.0000	5.00	_____
Cotton Checkoff	bale	2.56	2.2900	5.86	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	44.00	0.3300	14.52	_____
OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3283	5.02	_____
IRRIGATION LABOR					
Implements	hour	9.60	0.0062	0.06	_____
HAND LABOR					
Self-Propelled	hour	9.60	0.2930	2.79	_____
LA Hired Labor					
Implements	hour	9.60	0.4491	4.30	_____
Tractors	hour	9.60	1.5375	14.76	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
DIESEL FUEL					
Tractors	gal	3.50	14.5355	50.89	_____
Self-Propelled	gal	3.50	5.3686	18.81	_____
Roll-Out Pipe Irr.	gal	3.50	8.5535	29.94	_____
REPAIR & MAINTENANCE					
Implements	Acre	10.57	1.0000	10.57	_____
Tractors	Acre	6.26	1.0000	6.26	_____
Self-Propelled	Acre	14.74	1.0000	14.74	_____
Roll-Out Pipe Irr.	Acre	5.77	1.0000	5.77	_____
INTEREST ON OP. CAP.	Acre	10.28	1.0000	10.28	_____
TOTAL DIRECT EXPENSES				608.27	_____
FIXED EXPENSES					
Implements	Acre	18.20	1.0000	18.20	_____
Tractors	Acre	39.85	1.0000	39.85	_____
Self-Propelled	Acre	60.50	1.0000	60.50	_____
Roll-Out Pipe Irr.	Acre	48.19	1.0000	48.19	_____
TOTAL FIXED EXPENSES				166.74	_____
TOTAL SPECIFIED EXPENSES				775.01	_____

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, 2012.

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	1.85	1.24	0.06	0.16	0.04	0.47				3.78
Paratill & Bed Fold.	8R-38	MFWD 225	0.080	0.50	Nov	1.88	1.54	0.79	1.39	0.04	0.39				5.99
Lime (Spread)	ton			0.33	Nov							0.3300	44.00	14.52	14.52
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Nov	2.97	1.98	0.90	1.03	0.11	1.12				8.00
LA Phosphate	lb											60.0000	0.70	42.00	42.00
LA Potash	lb											60.0000	0.51	30.60	30.60
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Nov	2.84	1.89	0.33	0.88	0.07	0.71				6.65
Row Cond (Harrow)	38'	MFWD 225	0.039	1.00	Nov	1.82	1.50	0.22	0.94	0.03	0.38				4.86
Roller	32'	MFWD 170	0.046	1.00	Nov	1.63	1.26	0.10	0.56	0.04	0.45				4.00
Ditcher		2WD 130	0.020	1.00	Nov	0.53	0.37	0.04	0.05	0.02	0.19				1.18
Sprayer(600-750Gal)	60'		0.017	1.00	Mar	0.79	0.97			0.02	0.35				2.11
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
2,4-D Amine 4	pt											1.0000	2.01	2.01	2.01
Valor WP	oz											1.5000	4.23	6.35	6.35
Plant & Pre Folding	8R-38	MFWD 170	0.080	1.00	Apr	2.80	2.17	1.21	2.35	0.16	1.54				10.07
Cotoran 4L	pt											1.2000	4.69	5.63	5.63
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	0.53	0.37	0.04	0.05	0.02	0.19				1.18
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.97	1.98	0.90	1.03	0.11	1.12				8.00
LA Nitrogen	lb											90.0000	0.63	56.70	56.70
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.79	0.97			0.02	0.35				2.11
Dimethoate 4E	pt											0.4000	5.50	2.20	2.20
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Dual II Magnum	pt											1.0000	12.25	12.25	12.25
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.79	0.97			0.02	0.35				2.11
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Sprayer(600-750Gal)	60'		0.017	1.00	Jun	0.79	0.97			0.02	0.35				2.11
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Orthene 90S	lb											0.6000	3.25	1.95	1.95
Centric 40WG	oz											2.0000	3.58	7.16	7.16
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.50	4.50	4.50
Centric 40WG	oz											2.0000	3.58	7.16	7.16
Pix Plus	oz											12.0000	0.28	3.36	3.36
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jun	2.33	1.81	0.35	0.43	0.10	0.96				5.88
Layby Pro	qt											1.0000	12.75	12.75	12.75
Eradication Fee	acre			1.00	Jul							1.0000	1.50	1.50	1.50
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.50	4.50	4.50
Karate Z	oz											2.1300	2.73	5.81	5.81
Bidrin 8L	oz											6.0000	0.91	5.46	5.46
Pix Plus	oz											12.0000	0.28	3.36	3.36
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.50	4.50	4.50
Karate Z	oz											2.1300	2.73	5.81	5.81
Bidrin 8L	oz											6.0000	0.91	5.46	5.46
Diamond .83EC	pt											0.3750	16.28	6.11	6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.50	4.50	4.50
Orthene 90S	lb											0.6000	3.25	1.95	1.95
Karate Z	oz											2.1300	2.73	5.81	5.81
Diamond .83EC	pt											0.3750	16.28	6.11	6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.50	4.50	4.50
Orthene 90S	lb											0.6000	3.25	1.95	1.95
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.75	5.75	5.75
Dropp SC	oz											1.2000	1.74	2.09	2.09
Prep	pt											1.3300	3.00	3.99	3.99
Def/Folex	pt											0.7500	7.92	5.94	5.94
Cotton Picker-1st-BB		4R38*325hp	0.257	1.00	Sep	30.39	56.62			0.51	6.41				93.42
Module Builder-1st	4R-38(325)	MFWD 190	0.257	1.00	Sep	9.85	6.57	1.97	4.07	0.51	4.94				27.40
Boll Buggy-1st pick	4R38*325hp	MFWD 190	0.257	1.00	Sep	9.85	6.57	1.48	3.07	0.25	2.47				23.44
Stalk Shredder-Flail	12'	MFWD 150	0.137	1.00	Nov	4.24	3.21	1.78	1.09	0.13	1.32				11.64
Crop Consultant	acre			1.00	Nov							1.0000	5.00	5.00	5.00
Cotton Checkoff	bale			1.00	Nov							2.2900	2.56	5.86	5.86
Roll-Out Pipe Irr.	Acre				Jul	11.06	7.39	36.11	49.29	0.44	4.31	1.0000		6.60	114.76
TOTALS						90.70	100.35	46.28	66.39	2.76	28.37			432.64	764.73
INTEREST ON OPERATING CAPITAL															10.28
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															775.01

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, 2012.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.30	0.32	0.34	0.37	0.41	0.45	0.50	0.56	0.64	0.75	0.90
PERCENT	YIELD	UNIT	-----dollars-----										
50	550.00	lb	-330	-319	-305	-289	-270	-248	-220	-186	-141	-82	0
			-497	-485	-472	-456	-437	-414	-387	-352	-308	-249	-166
60	660.00	lb	-297	-283	-267	-248	-225	-198	-165	-124	-70	0	99
			-464	-450	-433	-414	-392	-365	-332	-290	-237	-166	-67
70	770.00	lb	-264	-248	-229	-206	-180	-148	-110	-62	0	82	198
			-431	-414	-395	-373	-347	-315	-277	-228	-166	-84	31
80	880.00	lb	-231	-212	-190	-165	-135	-99	-55	0	70	165	297
			-398	-379	-357	-332	-302	-265	-221	-166	-95	-1	131
90	990.00	lb	-198	-177	-152	-124	-90	-49	0	62	141	248	397
			-365	-343	-319	-290	-256	-216	-166	-104	-24	81	230
100	1100.00	lb	-165	-141	-114	-82	-45	0	55	124	212	330	496
			-332	-308	-281	-249	-211	-166	-111	-42	45	164	329
110	1210.00	lb	-132	-106	-76	-41	0	49	110	186	283	413	595
			-299	-273	-243	-208	-166	-117	-56	19	116	246	428
120	1320.00	lb	-99	-70	-38	0	45	99	165	248	354	496	694
			-265	-237	-204	-166	-121	-67	-1	81	187	329	528
130	1430.00	lb	-66	-35	0	41	90	148	220	310	425	578	794
			-232	-202	-166	-125	-76	-17	53	143	258	412	627
140	1540.00	lb	-33	0	38	82	135	198	275	372	496	661	893
			-199	-166	-128	-84	-31	31	108	205	329	494	726
150	1650.00	lb	0	35	76	124	180	248	330	434	567	744	992
			-166	-131	-90	-42	13	81	164	267	400	577	825

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, 2012.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.40	0.43	0.46	0.50	0.54	0.60	0.66	0.75	0.86	1.00	1.20
PERCENT	YIELD	UNIT	-----dollars-----										
50	550.00	lb	-275	-259	-241	-220	-194	-164	-127	-81	-22	56	166
			-442	-426	-408	-386	-361	-331	-294	-248	-189	-110	0
60	660.00	lb	-231	-212	-190	-164	-134	-98	-54	0	72	166	299
			-397	-378	-357	-331	-301	-265	-221	-165	-94	0	132
70	770.00	lb	-186	-164	-139	-109	-74	-32	19	83	166	277	431
			-353	-331	-306	-276	-241	-198	-147	-82	0	110	265
80	880.00	lb	-142	-117	-88	-54	-14	34	93	166	261	387	564
			-309	-284	-255	-221	-180	-132	-73	0	94	221	397
90	990.00	lb	-98	-70	-37	0	46	100	166	249	356	498	697
			-265	-236	-204	-165	-120	-66	0	82	189	331	530
100	1100.00	lb	-54	-22	13	56	106	166	240	332	450	608	829
			-221	-189	-153	-110	-60	0	73	165	284	442	663
110	1210.00	lb	-10	24	64	111	166	233	314	415	545	719	962
			-176	-142	-102	-55	0	66	147	248	378	552	795
120	1320.00	lb	34	72	115	166	227	299	387	498	640	829	1094
			-132	-94	-51	0	60	132	221	331	473	663	928
130	1430.00	lb	78	119	166	221	287	365	461	581	735	940	1227
			-88	-47	0	55	120	198	294	414	568	773	1060
140	1540.00	lb	122	166	217	277	347	431	535	663	829	1050	1360
			-44	0	51	110	180	265	368	497	663	884	1193
150	1650.00	lb	166	214	268	332	407	498	608	746	924	1161	1492
			0	47	102	165	241	331	442	580	757	994	1326

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, 2012.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (3 gal)	appl	4.50	5.0000	22.50	_____
App by Air (5 gal)	appl	5.75	1.0000	5.75	_____
HARVEST AIDS					
Dropp SC	oz	1.74	1.2000	2.09	_____
Prep	pt	3.00	1.3300	3.99	_____
Def/Folex	pt	7.92	0.7500	5.94	_____
FERTILIZERS					
LA Phosphate	lb	0.70	50.0000	35.00	_____
LA Potash	lb	0.51	60.0000	30.60	_____
LA Nitrogen	lb	0.63	90.0000	56.70	_____
HERBICIDES					
Roundup WeatherMax	oz	0.21	88.0000	18.48	_____
2,4-D Amine 4	pt	2.01	1.0000	2.01	_____
Valor WP	oz	4.23	1.5000	6.35	_____
Cotoran 4L	pt	4.69	1.2000	5.63	_____
Dual II Magnum	pt	12.25	1.0000	12.25	_____
Layby Pro	qt	12.75	1.0000	12.75	_____
INSECTICIDES					
Ammo 2.5 EC	oz	0.92	1.2800	1.18	_____
Dimethoate 4E	pt	5.50	0.4000	2.20	_____
Orthene 90S	lb	3.25	1.8000	5.85	_____
Centric 40WG	oz	3.58	4.0000	14.32	_____
Karate Z	oz	2.73	6.3900	17.44	_____
Bidrin 8L	oz	0.91	12.0000	10.92	_____
Diamond .83EC	pt	16.28	0.3750	6.11	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
SEED/PLANTS					
Cotton Seed BGII/RRF	thous	0.61	52.5000	32.03	_____
TECHNOLOGY FEE					
BGII/RRF Cot Tech Fe	cap/ac	69.25	1.0000	69.25	_____
Eradication Fee	acre	1.50	1.0000	1.50	_____
GROWTH REGULATORS					
Pix Plus	oz	0.28	24.0000	6.72	_____
SERVICE FEE					
Crop Consultant	acre	5.00	1.0000	5.00	_____
Cotton Checkoff	bale	2.56	2.0800	5.32	_____
OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3283	5.02	_____
IRRIGATION LABOR					
Implements	hour	9.60	0.0062	0.06	_____
HAND LABOR					
Self-Propelled	hour	9.60	0.2930	2.79	_____
LA Hired Labor					
Implements	hour	9.60	0.3636	3.48	_____
Tractors	hour	9.60	1.4449	13.86	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
DIESEL FUEL					
Tractors	gal	3.50	13.7263	48.06	_____
Self-Propelled	gal	3.50	5.3686	18.81	_____
Roll-Out Pipe Irr.	gal	3.50	8.5535	29.94	_____
REPAIR & MAINTENANCE					
Implements	Acre	9.79	1.0000	9.79	_____
Tractors	Acre	5.89	1.0000	5.89	_____
Self-Propelled	Acre	14.74	1.0000	14.74	_____
Roll-Out Pipe Irr.	Acre	5.77	1.0000	5.77	_____
INTEREST ON OP. CAP.	Acre	10.08	1.0000	10.08	_____
TOTAL DIRECT EXPENSES				574.20	_____
FIXED EXPENSES					
Implements	Acre	16.85	1.0000	16.85	_____
Tractors	Acre	37.49	1.0000	37.49	_____
Self-Propelled	Acre	60.50	1.0000	60.50	_____
Roll-Out Pipe Irr.	Acre	48.19	1.0000	48.19	_____
TOTAL FIXED EXPENSES				163.03	_____
TOTAL SPECIFIED EXPENSES				737.23	_____

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, 2012.

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	3.26	2.68	0.76	1.64	0.07	0.67				9.01
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.85	1.24	0.06	0.16	0.04	0.47				3.78
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Nov	2.97	1.98	0.90	1.03	0.11	1.12				8.00
LA Phosphate	lb											50.0000	0.70	35.00	35.00
LA Potash	lb											60.0000	0.51	30.60	30.60
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Nov	2.84	1.89	0.33	0.88	0.07	0.71				6.65
Row Cond (Harrow)	27'	MFWD 190	0.057	1.00	Nov	2.20	1.46	0.17	0.71	0.05	0.55				5.09
Roller	32'	MFWD 170	0.046	1.00	Nov	1.63	1.26	0.10	0.56	0.04	0.45				4.00
Ditcher		2WD 130	0.020	1.00	Nov	0.53	0.37	0.04	0.05	0.02	0.19				1.18
Sprayer(600-750Gal)	60'		0.017	1.00	Mar	0.79	0.97			0.02	0.35				2.11
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
2,4-D Amine 4	pt											1.0000	2.01	2.01	2.01
Valor WP	oz											1.5000	4.23	6.35	6.35
Plant & Pre Folding	8R-38	MFWD 170	0.080	1.00	Apr	2.80	2.17	1.21	2.35	0.16	1.54				10.07
Cotoran 4L	pt											1.2000	4.69	5.63	5.63
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	0.53	0.37	0.04	0.05	0.02	0.19				1.18
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.97	1.98	0.90	1.03	0.11	1.12				8.00
LA Nitrogen	lb											90.0000	0.63	56.70	56.70
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.79	0.97			0.02	0.35				2.11
Dimethoate 4E	pt											0.4000	5.50	2.20	2.20
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Dual II Magnum	pt											1.0000	12.25	12.25	12.25
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.79	0.97			0.02	0.35				2.11
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Sprayer(600-750Gal)	60'		0.017	1.00	Jun	0.79	0.97			0.02	0.35				2.11
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Orthene 90S	lb											0.6000	3.25	1.95	1.95
Centric 40WG	oz											2.0000	3.58	7.16	7.16
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.50	4.50	4.50
Centric 40WG	oz											2.0000	3.58	7.16	7.16
Pix Plus	oz											12.0000	0.28	3.36	3.36
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jun	2.33	1.81	0.35	0.43	0.10	0.96				5.88
Layby Pro	qt											1.0000	12.75	12.75	12.75
Eradication Fee	acre			1.00	Jul							1.0000	1.50	1.50	1.50
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.50	4.50	4.50
Karate Z	oz											2.1300	2.73	5.81	5.81
Bidrin 8L	oz											6.0000	0.91	5.46	5.46
Pix Plus	oz											12.0000	0.28	3.36	3.36
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.50	4.50	4.50
Karate Z	oz											2.1300	2.73	5.81	5.81
Bidrin 8L	oz											6.0000	0.91	5.46	5.46
Diamond .83EC	pt											0.3750	16.28	6.11	6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.50	4.50	4.50
Orthene 90S	lb											0.6000	3.25	1.95	1.95
Karate Z	oz											2.1300	2.73	5.81	5.81
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.50	4.50	4.50
Orthene 90S	lb											0.6000	3.25	1.95	1.95
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.75	5.75	5.75
Dropp SC	oz											1.2000	1.74	2.09	2.09
Prep	pt											1.3300	3.00	3.99	3.99
Def/Folex	pt											0.7500	7.92	5.94	5.94
Cotton Picker-1st-BB		4R38*325hp	0.257	1.00	Sep	30.39	56.62			0.51	6.41				93.42
Module Builder-1st	6R-38(325)	MFWD 190	0.172	1.00	Sep	6.59	4.39	1.31	2.72	0.34	3.30				18.31
Boll Buggy-1st pick	4R38*325hp	MFWD 190	0.257	1.00	Sep	9.85	6.57	1.48	3.07	0.25	2.47				23.44
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Nov	2.54	1.93	1.74	1.07	0.08	0.79				8.07
Crop Consultant	acre			1.00	Nov							1.0000	5.00	5.00	5.00
Cotton Checkoff	bale			1.00	Nov							2.0800	2.56	5.32	5.32
Roll-Out Pipe Irr.	Acres				Jul	11.06	7.39	36.11	49.29	0.44	4.31	1.0000		6.60	114.76
TOTALS						87.50	97.99	45.50	65.04	2.58	26.65			404.47	727.15
INTEREST ON OPERATING CAPITAL															10.08
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															737.23

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, 2012.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.31	0.33	0.36	0.39	0.42	0.47	0.52	0.59	0.67	0.78	0.94
PERCENT	YIELD	UNIT	-----dollars-----										
50	500.00	lb	-315	-303	-290	-275	-257	-236	-210	-177	-135	-78	0
			-478	-466	-453	-438	-420	-399	-373	-340	-298	-241	-163
60	600.00	lb	-283	-270	-254	-236	-214	-189	-157	-118	-67	0	94
			-446	-433	-417	-399	-377	-352	-320	-281	-230	-163	-68
70	700.00	lb	-252	-236	-218	-196	-171	-141	-105	-59	0	78	189
			-415	-399	-381	-359	-334	-304	-268	-222	-163	-84	26
80	800.00	lb	-220	-202	-181	-157	-128	-94	-52	0	67	157	283
			-383	-365	-344	-320	-291	-257	-215	-163	-95	-5	120
90	900.00	lb	-189	-168	-145	-118	-85	-47	0	59	135	236	378
			-352	-331	-308	-281	-248	-210	-163	-103	-27	73	215
100	1000.00	lb	-157	-135	-109	-78	-42	0	52	118	202	315	472
			-320	-298	-272	-241	-206	-163	-110	-44	39	152	309
110	1100.00	lb	-126	-101	-72	-39	0	47	105	177	270	393	567
			-289	-264	-235	-202	-163	-115	-57	14	107	230	404
120	1200.00	lb	-94	-67	-36	0	42	94	157	236	337	472	661
			-257	-230	-199	-163	-120	-68	-5	73	174	309	498
130	1300.00	lb	-63	-33	0	39	85	141	210	295	405	551	756
			-226	-196	-163	-123	-77	-21	47	132	242	388	593
140	1400.00	lb	-31	0	36	78	128	189	262	354	472	630	850
			-194	-163	-126	-84	-34	26	99	191	309	467	687
150	1500.00	lb	0	33	72	118	171	236	315	413	540	709	945
			-163	-129	-90	-44	8	73	152	250	377	546	782

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, 2012.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.42	0.45	0.48	0.52	0.57	0.63	0.70	0.79	0.90	1.05	1.27
PERCENT	YIELD	UNIT	-----dollars-----										
50	500.00	lb	-260	-245	-228	-207	-183	-154	-119	-75	-18	57	163
			-423	-408	-391	-370	-346	-317	-282	-238	-181	-105	0
60	600.00	lb	-218	-200	-179	-154	-125	-91	-48	4	72	163	290
			-381	-363	-342	-317	-288	-254	-211	-158	-90	0	127
70	700.00	lb	-176	-154	-130	-101	-68	-27	21	83	163	268	417
			-339	-317	-293	-264	-231	-190	-141	-79	0	105	254
80	800.00	lb	-133	-109	-81	-48	-10	35	92	163	253	374	544
			-296	-272	-244	-211	-173	-127	-70	0	90	211	381
90	900.00	lb	-91	-64	-32	4	47	99	163	242	344	480	671
			-254	-227	-195	-158	-115	-63	0	79	181	317	508
100	1000.00	lb	-48	-18	16	57	105	163	233	321	435	586	798
			-211	-181	-146	-105	-57	0	70	158	272	423	635
110	1100.00	lb	-6	26	65	110	163	226	304	401	526	692	925
			-169	-136	-97	-52	0	63	141	238	363	529	762
120	1200.00	lb	35	72	114	163	220	290	374	480	617	798	1053
			-127	-90	-48	0	57	127	211	317	454	635	890
130	1300.00	lb	78	117	163	216	278	353	445	560	707	904	1180
			-84	-45	0	52	115	190	282	397	544	741	1017
140	1400.00	lb	120	163	211	268	336	417	516	639	798	1010	1307
			-42	0	48	105	173	254	353	476	635	847	1144
150	1500.00	lb	163	208	260	321	394	480	586	719	889	1116	1434
			0	45	97	158	231	317	423	556	726	953	1271

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

Table 9.A Estimated costs per Acre
 B2/RRFlex Cotton, Sandy Soil, 12-Row Equipment, Irrigated, Alluvial Soil, Louisiana, 2012.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (3 gal)	appl	4.50	5.0000	22.50	_____
App by Air (5 gal)	appl	5.75	1.0000	5.75	_____
HARVEST AIDS					
Dropp SC	oz	1.74	1.2000	2.09	_____
Prep	pt	3.00	1.3300	3.99	_____
Def/Folex	pt	7.92	0.7500	5.94	_____
FERTILIZERS					
LA Phosphate	lb	0.70	60.0000	42.00	_____
LA Potash	lb	0.51	60.0000	30.60	_____
LA Nitrogen	lb	0.63	90.0000	56.70	_____
HERBICIDES					
Roundup WeatherMax	oz	0.21	88.0000	18.48	_____
2,4-D Amine 4	pt	2.01	1.0000	2.01	_____
Valor WP	oz	4.23	1.5000	6.35	_____
Cotoran 4L	pt	4.69	1.2000	5.63	_____
Dual II Magnum	pt	12.25	1.0000	12.25	_____
Layby Pro	qt	12.75	1.0000	12.75	_____
INSECTICIDES					
Ammo 2.5 EC	oz	0.92	1.2800	1.18	_____
Dimethoate 4E	pt	5.50	0.4000	2.20	_____
Orthene 90S	lb	3.25	1.8000	5.85	_____
Centric 40WG	oz	3.58	4.0000	14.32	_____
Karate Z	oz	2.73	6.3900	17.44	_____
Bidrin 8L	oz	0.91	12.0000	10.92	_____
Diamond .83EC	pt	16.28	0.7500	12.21	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
SEED/PLANTS					
Cotton Seed BGII/RRF	thous	0.61	52.5000	32.03	_____
TECHNOLOGY FEE					
BGII/RRF Cot Tech Fe	cap/ac	69.25	1.0000	69.25	_____
Eradication Fee	acre	1.50	1.0000	1.50	_____
GROWTH REGULATORS					
Pix Plus	oz	0.28	24.0000	6.72	_____
SERVICE FEE					
Crop Consultant	acre	5.00	1.0000	5.00	_____
Cotton Checkoff	bale	2.56	2.2900	5.86	_____
OPERATOR LABOR					
Self-Propelled	hour	15.30	0.3283	5.02	_____
IRRIGATION LABOR					
Implements	hour	9.60	0.0062	0.06	_____
HAND LABOR					
Self-Propelled	hour	9.60	0.2930	2.79	_____
LA Hired Labor					
Implements	hour	9.60	0.3851	3.69	_____
Tractors	hour	9.60	1.3431	12.89	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
DIESEL FUEL					
Tractors	gal	3.50	13.1045	45.87	_____
Self-Propelled	gal	3.50	5.3686	18.81	_____
Roll-Out Pipe Irr.	gal	3.50	8.5535	29.94	_____
REPAIR & MAINTENANCE					
Implements	Acre	9.84	1.0000	9.84	_____
Tractors	Acre	5.74	1.0000	5.74	_____
Self-Propelled	Acre	14.74	1.0000	14.74	_____
Roll-Out Pipe Irr.	Acre	5.77	1.0000	5.77	_____
INTEREST ON OP. CAP.	Acre	10.11	1.0000	10.11	_____
TOTAL DIRECT EXPENSES				584.83	_____
FIXED EXPENSES					
Implements	Acre	17.44	1.0000	17.44	_____
Tractors	Acre	36.61	1.0000	36.61	_____
Self-Propelled	Acre	60.50	1.0000	60.50	_____
Roll-Out Pipe Irr.	Acre	48.19	1.0000	48.19	_____
TOTAL FIXED EXPENSES				162.74	_____
TOTAL SPECIFIED EXPENSES				747.57	_____

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, 2012.

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	1.85	1.24	0.06	0.16	0.04	0.47				3.78
Paratill & Bed Fold.	12R-38	MFWD 225	0.053	0.50	Nov	1.25	1.03	0.67	1.19	0.02	0.26				4.40
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	1.00	Nov	2.41	1.97	0.57	0.66	0.07	0.75				6.36
LA Phosphate	lb											60.0000	0.70	42.00	42.00
LA Potash	lb											60.0000	0.51	30.60	30.60
Disk Bed (Hipper)	12R-38	MFWD 225	0.049	1.00	Nov	2.29	1.88	0.34	0.92	0.04	0.47				5.90
Row Cond (Harrow)	38'	MFWD 225	0.039	1.00	Nov	1.82	1.50	0.22	0.94	0.03	0.38				4.86
Roller	32'	MFWD 170	0.046	1.00	Nov	1.63	1.26	0.10	0.56	0.04	0.45				4.00
Ditcher		2WD 130	0.020	1.00	Nov	0.53	0.37	0.04	0.05	0.02	0.19				1.18
Sprayer(600-750Gal)	60'		0.017	1.00	Mar	0.79	0.97			0.02	0.35				2.11
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
2,4-D Amine 4	pt											1.0000	2.01	2.01	2.01
Valor WP	oz											1.5000	4.23	6.35	6.35
Plant & Pre Folding	12R-38	MFWD 190	0.053	1.00	Apr	2.04	1.36	1.29	2.51	0.10	1.02				8.22
Cotoran 4L	pt											1.2000	4.69	5.63	5.63
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	0.53	0.37	0.04	0.05	0.02	0.19				1.18
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	1.00	Apr	2.41	1.97	0.57	0.66	0.07	0.75				6.36
LA Nitrogen	lb											90.0000	0.63	56.70	56.70
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.79	0.97			0.02	0.35				2.11
Dimethoate 4E	pt											0.4000	5.50	2.20	2.20
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Dual II Magnum	pt											1.0000	12.25	12.25	12.25
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.79	0.97			0.02	0.35				2.11
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Sprayer(600-750Gal)	60'		0.017	1.00	Jun	0.79	0.97			0.02	0.35				2.11
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Orthene 90S	lb											0.6000	3.25	1.95	1.95
Centric 40WG	oz											2.0000	3.58	7.16	7.16
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.50	4.50	4.50
Centric 40WG	oz											2.0000	3.58	7.16	7.16
Pix Plus	oz											12.0000	0.28	3.36	3.36
Spray (Direct/Layby)	12R-38	MFWD 170	0.044	1.00	Jun	1.55	1.20	0.35	0.43	0.06	0.64				4.17
Layby Pro	qt											1.0000	12.75	12.75	12.75
Eradication Fee	acre			1.00	Jul							1.0000	1.50	1.50	1.50
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.50	4.50	4.50
Karate Z	oz											2.1300	2.73	5.81	5.81
Bidrin 8L	oz											6.0000	0.91	5.46	5.46
Pix Plus	oz											12.0000	0.28	3.36	3.36
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.50	4.50	4.50
Karate Z	oz											2.1300	2.73	5.81	5.81
Bidrin 8L	oz											6.0000	0.91	5.46	5.46
Diamond .83EC	pt											0.3750	16.28	6.11	6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.50	4.50	4.50
Orthene 90S	lb											0.6000	3.25	1.95	1.95
Karate Z	oz											2.1300	2.73	5.81	5.81
Diamond .83EC	pt											0.3750	16.28	6.11	6.11
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.50	4.50	4.50
Orthene 90S	lb											0.6000	3.25	1.95	1.95
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.75	5.75	5.75
Dropp SC	oz											1.2000	1.74	2.09	2.09
Prep	pt											1.3300	3.00	3.99	3.99
Def/Folex	pt											0.7500	7.92	5.94	5.94
Cotton Picker-1st-BB		4R38*325hp	0.257	1.00	Sep	30.39	56.62			0.51	6.41				93.42
Module Builder-1st	4R-38(325)	MFWD 190	0.257	1.00	Sep	9.85	6.57	1.97	4.07	0.51	4.94				27.40
Boll Buggy-1st pick	4R38*325hp	MFWD 190	0.257	1.00	Sep	9.85	6.57	1.48	3.07	0.25	2.47				23.44
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Nov	2.54	1.93	1.74	1.07	0.08	0.79				8.07
Crop Consultant	acre			1.00	Nov							1.0000	5.00	5.00	5.00
Cotton Checkoff	bale			1.00	Nov							2.2900	2.56	5.86	5.86
Roll-Out Pipe Irr.	Acre				Jul	11.06	7.39	36.11	49.29	0.44	4.31	1.0000		6.60	114.76
TOTALS						85.16	97.11	45.55	65.63	2.50	25.89			418.12	737.46
INTEREST ON OPERATING CAPITAL															10.11
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															747.57

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, 2012.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.28	0.30	0.33	0.35	0.39	0.42	0.47	0.53	0.61	0.71	0.85
PERCENT	YIELD	UNIT	-----dollars-----										
50	550.00	lb	-315	-303	-290	-275	-257	-236	-210	-177	-135	-78	0
			-477	-466	-453	-438	-420	-399	-372	-340	-297	-241	-162
60	660.00	lb	-283	-270	-254	-236	-214	-189	-157	-118	-67	0	94
			-446	-432	-417	-399	-377	-351	-320	-280	-230	-162	-68
70	770.00	lb	-252	-236	-218	-197	-171	-141	-105	-59	0	78	189
			-414	-399	-380	-359	-334	-304	-267	-221	-162	-83	26
80	880.00	lb	-220	-202	-181	-157	-128	-94	-52	0	67	157	283
			-383	-365	-344	-320	-291	-257	-215	-162	-95	-5	120
90	990.00	lb	-189	-168	-145	-118	-85	-47	0	59	135	236	378
			-351	-331	-308	-280	-248	-210	-162	-103	-27	73	215
100	1100.00	lb	-157	-135	-109	-78	-42	0	52	118	202	315	472
			-320	-297	-271	-241	-205	-162	-110	-44	39	152	310
110	1210.00	lb	-126	-101	-72	-39	0	47	105	177	270	394	567
			-288	-264	-235	-202	-162	-115	-57	14	107	231	404
120	1320.00	lb	-94	-67	-36	0	42	94	157	236	337	472	661
			-257	-230	-199	-162	-119	-68	-5	73	174	310	499
130	1430.00	lb	-63	-33	0	39	85	141	210	295	405	551	756
			-225	-196	-162	-123	-76	-20	47	132	242	388	593
140	1540.00	lb	-31	0	36	78	128	189	262	354	472	630	851
			-194	-162	-126	-83	-33	26	99	191	310	467	688
150	1650.00	lb	0	33	72	118	171	236	315	413	540	709	945
			-162	-128	-89	-44	9	73	152	250	377	546	782

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, 2012.

			-----BREAKEVEN PRICE-----										
Cotton Lint			0.38	0.41	0.44	0.48	0.52	0.57	0.64	0.72	0.82	0.96	1.15
PERCENT	YIELD	UNIT	-----dollars-----										
50	550.00	lb	-260	-245	-228	-208	-183	-155	-119	-75	-18	56	162
			-423	-408	-391	-370	-346	-317	-282	-238	-181	-105	0
60	660.00	lb	-218	-200	-179	-155	-126	-91	-49	3	71	162	289
			-381	-363	-342	-317	-288	-254	-211	-158	-90	0	127
70	770.00	lb	-176	-155	-130	-102	-68	-27	21	83	162	268	416
			-338	-317	-293	-264	-231	-190	-141	-79	0	105	254
80	880.00	lb	-133	-109	-81	-49	-10	35	92	162	253	374	544
			-296	-272	-244	-211	-173	-127	-70	0	90	211	381
90	990.00	lb	-91	-64	-32	3	47	99	162	242	344	480	671
			-254	-226	-195	-158	-115	-63	0	79	181	317	508
100	1100.00	lb	-49	-18	16	56	104	162	233	321	435	586	798
			-211	-181	-146	-105	-57	0	70	158	272	423	635
110	1210.00	lb	-6	26	64	109	162	226	303	401	525	692	925
			-169	-136	-97	-52	0	63	141	238	363	529	762
120	1320.00	lb	35	71	113	162	220	289	374	480	616	798	1052
			-127	-90	-48	0	57	127	211	317	453	635	889
130	1430.00	lb	77	117	162	215	278	353	445	559	707	904	1179
			-84	-45	0	52	115	190	282	397	544	741	1016
140	1540.00	lb	120	162	211	268	336	416	515	639	798	1010	1306
			-42	0	48	105	173	254	353	476	635	847	1144
150	1650.00	lb	162	208	260	321	393	480	586	718	889	1116	1433
			0	45	97	158	231	317	423	556	726	953	1271

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

Table 10.A Estimated costs per Acre
 RR Soybeans, Stale Seedbed, 8- 38"Row Equipment
 Alluvial Soils, Louisiana, 2012.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	5.75	3.0000	17.25	_____
App by Air (3 gal)	appl	4.50	3.0000	13.50	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.25	16.0000	4.00	_____
FERTILIZERS					
LA Phosphate	lb	0.70	50.0000	35.00	_____
LA Potash	lb	0.51	50.0000	25.50	_____
FUNGICIDES					
Quadris	oz	2.24	6.0000	13.44	_____
Stratego	pt	19.31	0.6250	12.07	_____
HERBICIDES					
Roundup WeatherMax	oz	0.21	66.0000	13.86	_____
2,4-D Amine 4	pt	2.01	1.0000	2.01	_____
Valor WP	oz	4.23	2.0000	8.46	_____
Dual II Magnum	pt	12.25	1.0000	12.25	_____
Flexstar HL	pt	15.63	1.0000	15.63	_____
INSECTICIDES					
Brigade EC	pt	15.10	0.7500	11.33	_____
Orthene 90S	lb	3.25	0.6000	1.95	_____
Intrepid 2F	oz	1.79	6.0000	10.74	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.98	50.0000	49.00	_____
ADJUVANTS					
Surfactant	pt	2.62	1.0000	2.62	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	44.00	0.3300	14.52	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.16	40.0000	6.40	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
LA Hired Labor					
Implements	hour	9.60	0.1345	1.29	_____
Tractors	hour	9.60	0.4272	4.11	_____
DIESEL FUEL					
Tractors	gal	3.50	4.0612	14.22	_____
Harvesters	gal	3.50	1.2047	4.22	_____
REPAIR & MAINTENANCE					
Implements	Acre	3.89	1.0000	3.89	_____
Tractors	Acre	1.83	1.0000	1.83	_____
Harvesters	Acre	2.14	1.0000	2.14	_____
INTEREST ON OP. CAP.	Acre	4.90	1.0000	4.90	_____

TOTAL DIRECT EXPENSES				307.42	_____
FIXED EXPENSES					
Implements	Acre	6.87	1.0000	6.87	_____
Tractors	Acre	11.68	1.0000	11.68	_____
Harvesters	Acre	8.56	1.0000	8.56	_____

TOTAL FIXED EXPENSES				27.11	_____

TOTAL SPECIFIED EXPENSES				334.53	_____

Table 10.B Estimated resource use and costs for field operations, per Acre
 RR Soybeans, Stale Seedbed, 8- 38"Row Equipment
 Alluvial Soils, Louisiana, 2012.

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	2.97	1.98	0.90	1.03	0.11	1.12				8.00
LA Phosphate	lb											50.0000	0.70	35.00	35.00
LA Potash	lb											50.0000	0.51	25.50	25.50
Lime (Spread)	ton			0.33	Oct							0.3300	44.00	14.52	14.52
Disk Harrow	28'	MFWD 225	0.070	1.00	Oct	3.26	2.68	0.76	1.64	0.07	0.67				9.01
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.85	1.24	0.06	0.16	0.04	0.47				3.78
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Oct	2.84	1.89	0.33	0.88	0.07	0.71				6.65
Ditcher		2WD 130	0.020	1.00	Oct	0.53	0.37	0.04	0.05	0.02	0.19				1.18
App by Air (5 gal)	appl			1.00	Mar							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
2,4-D Amine 4	pt											1.0000	2.01	2.01	2.01
Valor WP	oz											2.0000	4.23	8.46	8.46
Plant - Folding	8R-38	MFWD 170	0.074	1.00	May	2.59	2.01	0.98	1.91	0.14	1.44				8.93
Soybean Seed RR	lb											50.0000	0.98	49.00	49.00
Ditcher		2WD 130	0.020	1.00	May	0.53	0.37	0.04	0.05	0.02	0.19				1.18
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	1.48	1.14	0.13	0.15	0.06	0.61				3.51
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Dual II Magnum	pt											1.0000	12.25	12.25	12.25
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Flexstar HL	pt											1.0000	15.63	15.63	15.63
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.50	4.50	4.50
Brigade EC	pt											0.3750	15.10	5.66	5.66
Quadris	oz											6.0000	2.24	13.44	13.44
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.50	4.50	4.50
Orthene 90S	lb											0.6000	3.25	1.95	1.95
Stratego	pt											0.6250	19.31	12.07	12.07
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.50	4.50	4.50
Brigade EC	pt											0.3750	15.10	5.66	5.66
Intrepid 2F	oz											6.0000	1.79	10.74	10.74
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.75	5.75	5.75
Gramoxone Inteon	oz											16.0000	0.25	4.00	4.00
Surfactant	pt											1.0000	2.62	2.62	2.62
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	6.36	8.56	0.65	1.00	0.08	1.30				17.87
Haul Soybeans	bu			1.00	Oct							40.0000	0.16	6.40	6.40
TOTALS						22.41	20.24	3.89	6.87	0.64	6.70			269.52	329.63
INTEREST ON OPERATING CAPITAL															4.90
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															334.53

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, 2012.

			-----BREAKEVEN PRICE-----										
Soybeans			5.17	5.53	5.94	6.43	7.00	7.68	8.52	9.56	10.91	12.70	15.20
PERCENT	YIELD	UNIT	-----dollars-----										
50	20.00	bu	-200	-193	-185	-175	-164	-150	-133	-112	-85	-50	0
			-227	-220	-212	-202	-191	-177	-160	-139	-113	-77	-27
60	24.00	bu	-180	-171	-162	-150	-136	-120	-100	-75	-42	0	60
			-207	-199	-189	-177	-163	-147	-127	-102	-70	-27	33
70	28.00	bu	-160	-150	-138	-125	-109	-90	-66	-37	0	50	120
			-187	-177	-166	-152	-136	-117	-93	-64	-27	23	93
80	32.00	bu	-140	-128	-115	-100	-82	-60	-33	0	42	100	180
			-167	-156	-142	-127	-109	-87	-60	-27	15	73	153
90	36.00	bu	-120	-107	-92	-75	-54	-30	0	37	85	150	240
			-147	-134	-119	-102	-81	-57	-27	10	58	123	213
100	40.00	bu	-100	-85	-69	-50	-27	0	33	75	128	200	300
			-127	-113	-96	-77	-54	-27	6	48	101	173	273
110	44.00	bu	-80	-64	-46	-25	0	30	66	112	171	250	361
			-107	-91	-73	-52	-27	2	39	85	144	223	334
120	48.00	bu	-60	-42	-23	0	27	60	100	150	214	300	421
			-87	-70	-50	-27	0	33	73	123	187	273	394
130	52.00	bu	-40	-21	0	25	54	90	133	188	257	351	481
			-67	-48	-27	-2	27	63	106	160	230	324	454
140	56.00	bu	-20	0	23	50	82	120	167	225	300	401	541
			-47	-27	-3	23	54	93	140	198	273	374	514
150	60.00	bu	0	21	46	75	109	150	200	263	343	451	601
			-27	-5	19	48	82	123	173	236	316	424	574

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, 2012.

			-----BREAKEVEN PRICE-----										
Soybeans			5.62	6.01	6.47	6.99	7.61	8.36	9.27	10.41	11.87	13.83	16.56
PERCENT	YIELD	UNIT	-----dollars-----										
50	20.00	bu	-191	-183	-174	-164	-151	-136	-118	-95	-66	-27	27
			-218	-210	-201	-191	-178	-164	-145	-123	-93	-54	0
60	24.00	bu	-169	-160	-149	-136	-122	-104	-82	-54	-19	27	92
			-196	-187	-176	-164	-149	-131	-109	-82	-46	0	65
70	28.00	bu	-147	-136	-124	-109	-92	-71	-45	-13	27	81	158
			-174	-164	-151	-136	-119	-98	-72	-41	0	54	131
80	32.00	bu	-125	-113	-99	-82	-62	-38	-9	27	73	136	223
			-153	-140	-126	-109	-89	-65	-36	0	46	109	196
90	36.00	bu	-104	-90	-73	-54	-32	-5	27	68	120	191	289
			-131	-117	-100	-82	-59	-32	0	41	93	164	262
100	40.00	bu	-82	-66	-48	-27	-2	27	63	109	167	245	355
			-109	-93	-75	-54	-29	0	36	82	140	218	328
110	44.00	bu	-60	-43	-23	-0	27	59	100	150	214	300	420
			-87	-70	-50	-27	0	32	72	123	187	273	393
120	48.00	bu	-38	-19	1	27	56	92	136	191	261	355	486
			-65	-46	-25	0	29	65	109	164	234	328	459
130	52.00	bu	-16	3	27	54	86	125	172	232	308	409	552
			-43	-23	0	27	59	98	145	205	281	382	524
140	56.00	bu	5	27	52	81	116	158	209	273	355	464	617
			-21	0	25	54	89	131	182	246	328	437	590
150	60.00	bu	27	50	77	109	146	191	245	314	402	519	683
			0	23	50	82	119	164	218	287	374	492	656

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, 2012.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	5.75	2.0000	11.50	_____
App by Air (3 gal)	appl	4.50	4.0000	18.00	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.25	16.0000	4.00	_____
FERTILIZERS					
LA Phosphate	lb	0.70	50.0000	35.00	_____
LA Potash	lb	0.51	50.0000	25.50	_____
FUNGICIDES					
Quadris	oz	2.24	6.0000	13.44	_____
Stratego	pt	19.31	0.6250	12.07	_____
HERBICIDES					
Roundup WeatherMax	oz	0.21	66.0000	13.86	_____
2,4-D Amine 4	pt	2.01	1.0000	2.01	_____
Valor WP	oz	4.23	2.0000	8.46	_____
Dual II Magnum	pt	12.25	1.0000	12.25	_____
Flexstar HL	pt	15.63	1.0000	15.63	_____
INSECTICIDES					
Brigade EC	pt	15.10	0.7500	11.33	_____
Orthene 90S	lb	3.25	0.6000	1.95	_____
Intrepid 2F	oz	1.79	6.0000	10.74	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.98	50.0000	49.00	_____
ADJUVANTS					
Surfactant	pt	2.62	1.0000	2.62	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	44.00	0.3300	14.52	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.16	50.0000	8.00	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
IRRIGATION LABOR					
Implements	hour	9.60	0.0062	0.06	_____
LA Hired Labor					
Implements	hour	9.60	0.1345	1.29	_____
Tractors	hour	9.60	0.7203	6.92	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
DIESEL FUEL					
Tractors	gal	3.50	6.8886	24.12	_____
Harvesters	gal	3.50	1.2047	4.22	_____
Roll-Out Pipe Irr.	gal	3.50	4.8877	17.10	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.24	1.0000	4.24	_____
Tractors	Acre	2.99	1.0000	2.99	_____
Harvesters	Acre	2.14	1.0000	2.14	_____
Roll-Out Pipe Irr.	Acre	4.36	1.0000	4.36	_____
INTEREST ON OP. CAP.	Acre	5.48	1.0000	5.48	_____

TOTAL DIRECT EXPENSES				352.13	_____
FIXED EXPENSES					
Implements	Acre	7.84	1.0000	7.84	_____
Tractors	Acre	19.07	1.0000	19.07	_____
Harvesters	Acre	8.56	1.0000	8.56	_____
Roll-Out Pipe Irr.	Acre	48.19	1.0000	48.19	_____

TOTAL FIXED EXPENSES				83.66	_____

TOTAL SPECIFIED EXPENSES				435.79	_____

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, 2012.

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	44.00	14.52	14.52
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Oct	2.97	1.98	0.90	1.03	0.11	1.12				8.00
LA Phosphate	lb											50.0000	0.70	35.00	35.00
LA Potash	lb											50.0000	0.51	25.50	25.50
Disk Harrow	28'	MFWD 225	0.070	1.00	Oct	3.26	2.68	0.76	1.64	0.07	0.67				9.01
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.85	1.24	0.06	0.16	0.04	0.47				3.78
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	2.84	1.89	0.28	0.75	0.07	0.71				6.47
Ditcher		2WD 130	0.020	1.00	Oct	0.53	0.37	0.04	0.05	0.02	0.19				1.18
App by Air (5 gal)	appl			1.00	Mar							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
2,4-D Amine 4	pt											1.0000	2.01	2.01	2.01
Valor WP	oz											2.0000	4.23	8.46	8.46
Plant - Folding	8R-38	MFWD 170	0.074	1.00	May	2.59	2.01	0.98	1.91	0.14	1.44				8.93
Soybean Seed RR	lb											50.0000	0.98	49.00	49.00
Ditcher		2WD 130	0.020	1.00	May	0.53	0.37	0.04	0.05	0.02	0.19				1.18
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	1.48	1.14	0.13	0.15	0.06	0.61				3.51
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Dual II Magnum	pt											1.0000	12.25	12.25	12.25
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Flexstar HL	pt											1.0000	15.63	15.63	15.63
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.50	4.50	4.50
Brigade EC	pt											0.3750	15.10	5.66	5.66
Quadris	oz											6.0000	2.24	13.44	13.44
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.50	4.50	4.50
Orthene 90S	lb											0.6000	3.25	1.95	1.95
Stratego	pt											0.6250	19.31	12.07	12.07
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.50	4.50	4.50
Brigade EC	pt											0.3750	15.10	5.66	5.66
Intrepid 2F	oz											6.0000	1.79	10.74	10.74
App by Air (3 gal)	appl			1.00	Sep							1.0000	4.50	4.50	4.50
Gramoxone Inteon	oz											16.0000	0.25	4.00	4.00
Surfactant	pt											1.0000	2.62	2.62	2.62
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	6.36	8.56	0.65	1.00	0.08	1.30				17.87
Haul Soybeans	bu			1.00	Oct							50.0000	0.16	8.00	8.00
Roll-Out Pipe Irr.	Acre				Jul	11.06	7.39	21.86	49.29	0.44	4.31	1.0000		6.60	100.51
TOTALS						33.47	27.63	25.70	56.03	1.09	11.01			276.47	430.31
INTEREST ON OPERATING CAPITAL															5.48
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															435.79

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, 2012.

			-----BREAKEVEN PRICE-----										
Soybeans			4.74	5.07	5.45	5.89	6.41	7.04	7.80	8.76	9.99	11.63	13.92
PERCENT	YIELD	UNIT	-----dollars-----										
50	25.00	bu	-229	-221	-211	-200	-187	-172	-152	-129	-98	-57	0
			-313	-304	-295	-284	-271	-255	-236	-212	-181	-141	-83
60	30.00	bu	-206	-196	-185	-172	-156	-137	-114	-86	-49	0	68
			-290	-280	-268	-255	-240	-221	-198	-169	-132	-83	-14
70	35.00	bu	-183	-172	-158	-143	-125	-103	-76	-43	0	57	137
			-267	-255	-242	-227	-208	-186	-160	-126	-83	-26	53
80	40.00	bu	-160	-147	-132	-114	-93	-68	-38	0	49	114	206
			-244	-231	-215	-198	-177	-152	-121	-83	-34	31	122
90	45.00	bu	-137	-122	-105	-86	-62	-34	0	43	98	172	275
			-221	-206	-189	-169	-146	-118	-83	-40	14	88	191
100	50.00	bu	-114	-98	-79	-57	-31	0	38	86	147	229	344
			-198	-181	-163	-141	-114	-83	-45	2	63	145	260
110	55.00	bu	-91	-73	-52	-28	0	34	76	129	196	286	412
			-175	-157	-136	-112	-83	-49	-7	45	112	203	329
120	60.00	bu	-68	-49	-26	0	31	68	114	172	245	344	481
			-152	-132	-110	-83	-52	-14	31	88	162	260	398
130	65.00	bu	-45	-24	0	28	62	103	152	215	294	401	550
			-129	-108	-83	-54	-21	19	69	131	211	317	466
140	70.00	bu	-22	0	26	57	93	137	191	258	344	458	619
			-106	-83	-57	-26	10	53	107	174	260	375	535
150	75.00	bu	0	24	52	86	125	172	229	301	393	516	688
			-83	-59	-30	2	41	88	145	217	309	432	604

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, 2012.

			-----BREAKEVEN PRICE-----										
Soybeans			5.86	6.27	6.74	7.29	7.93	8.71	9.66	10.85	12.38	14.41	17.27
PERCENT	YIELD	UNIT	-----dollars-----										
50	25.00	bu	-201	-191	-179	-165	-149	-130	-106	-76	-38	12	83
			-285	-274	-263	-249	-233	-213	-190	-160	-122	-71	0
60	30.00	bu	-172	-160	-146	-130	-110	-87	-58	-23	22	83	169
			-256	-244	-230	-213	-194	-171	-142	-106	-61	0	85
70	35.00	bu	-144	-130	-113	-94	-71	-44	-11	30	83	154	254
			-228	-213	-197	-178	-155	-128	-95	-53	0	71	171
80	40.00	bu	-115	-99	-80	-58	-32	-1	36	83	144	226	340
			-199	-183	-164	-142	-116	-85	-47	0	61	142	256
90	45.00	bu	-87	-69	-47	-23	5	40	83	137	205	297	425
			-171	-152	-131	-106	-77	-42	0	53	122	213	342
100	50.00	bu	-58	-38	-15	12	44	83	131	190	266	368	511
			-142	-122	-98	-71	-38	0	47	106	183	285	427
110	55.00	bu	-30	-7	17	48	83	126	178	244	328	440	596
			-114	-91	-65	-35	0	42	95	160	244	356	513
120	60.00	bu	-1	22	50	83	122	169	226	297	389	511	682
			-85	-61	-32	0	38	85	142	213	305	427	598
130	65.00	bu	26	53	83	119	161	211	273	350	450	582	768
			-57	-30	0	35	77	128	190	267	366	499	684
140	70.00	bu	55	83	116	154	200	254	321	404	511	653	853
			-28	0	32	71	116	171	237	320	427	570	769
150	75.00	bu	83	114	149	190	239	297	368	457	572	725	939
			0	30	65	106	155	213	285	374	488	641	855

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, 2012.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	5.75	3.0000	17.25	_____
App by Air (3 gal)	appl	4.50	3.0000	13.50	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.25	16.0000	4.00	_____
FERTILIZERS					
LA Phosphate	lb	0.70	50.0000	35.00	_____
LA Potash	lb	0.51	50.0000	25.50	_____
FUNGICIDES					
Quadris	oz	2.24	6.0000	13.44	_____
Stratego	pt	19.31	0.6250	12.07	_____
HERBICIDES					
Roundup WeatherMax	oz	0.21	66.0000	13.86	_____
2,4-D Amine 4	pt	2.01	1.0000	2.01	_____
Valor WP	oz	4.23	2.0000	8.46	_____
Dual II Magnum	pt	12.25	1.0000	12.25	_____
Flexstar HL	pt	15.63	1.0000	15.63	_____
INSECTICIDES					
Brigade EC	pt	15.10	0.7500	11.33	_____
Orthene 90S	lb	3.25	0.6000	1.95	_____
Intrepid 2F	oz	1.79	6.0000	10.74	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.98	50.0000	49.00	_____
ADJUVANTS					
Surfactant	pt	2.62	1.0000	2.62	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	44.00	0.3300	14.52	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.16	40.0000	6.40	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
LA Hired Labor					
Implements	hour	9.60	0.1586	1.52	_____
Tractors	hour	9.60	0.3542	3.40	_____
DIESEL FUEL					
Tractors	gal	3.50	3.4392	12.04	_____
Harvesters	gal	3.50	1.2047	4.22	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.08	1.0000	4.08	_____
Tractors	Acre	1.54	1.0000	1.54	_____
Harvesters	Acre	2.14	1.0000	2.14	_____
INTEREST ON OP. CAP.	Acre	4.92	1.0000	4.92	_____

TOTAL DIRECT EXPENSES				304.68	_____
FIXED EXPENSES					
Implements	Acre	7.60	1.0000	7.60	_____
Tractors	Acre	9.81	1.0000	9.81	_____
Harvesters	Acre	8.56	1.0000	8.56	_____

TOTAL FIXED EXPENSES				25.97	_____

TOTAL SPECIFIED EXPENSES				330.65	_____

Table 12.B Estimated resource use and costs for field operations, per Acre
 RR Soybeans, Stale Seedbed, 12-20"Row Equipment
 Alluvial Soils, Louisiana, 2012.

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	3.65	3.00	0.97	1.11	0.11	1.13				9.86
LA Phosphate	lb											50.0000	0.70	35.00	35.00
LA Potash	lb											50.0000	0.51	25.50	25.50
Lime (Spread)	ton			0.33	Oct							0.3300	44.00	14.52	14.52
Field Cultivate	32'	MFWD 190	0.046	1.00	Oct	1.79	1.19	0.38	1.64	0.04	0.45				5.45
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.85	1.24	0.06	0.16	0.04	0.47				3.78
Ditcher		2WD 130	0.020	1.00	Oct	0.53	0.37	0.04	0.05	0.02	0.19				1.18
App by Air (5 gal)	appl			1.00	Mar							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
2,4-D Amine 4	pt											1.0000	2.01	2.01	2.01
Valor WP	oz											2.0000	4.23	8.46	8.46
NT Plant-Rigid	12R-20	MFWD 190	0.098	1.00	May	3.75	2.50	1.67	3.26	0.19	1.88				13.06
Soybean Seed RR	lb											50.0000	0.98	49.00	49.00
Ditcher		2WD 130	0.020	1.00	May	0.53	0.37	0.04	0.05	0.02	0.19				1.18
Spray (Bcast/HB)	40' Fold	MFWD 170	0.042	1.00	May	1.48	1.14	0.27	0.33	0.06	0.61				3.83
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Dual II Magnum	pt											1.0000	12.25	12.25	12.25
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Flexstar HL	pt											1.0000	15.63	15.63	15.63
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.50	4.50	4.50
Brigade EC	pt											0.3750	15.10	5.66	5.66
Quadris	oz											6.0000	2.24	13.44	13.44
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.50	4.50	4.50
Orthene 90S	lb											0.6000	3.25	1.95	1.95
Stratego	pt											0.6250	19.31	12.07	12.07
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.50	4.50	4.50
Brigade EC	pt											0.3750	15.10	5.66	5.66
Intrepid 2F	oz											6.0000	1.79	10.74	10.74
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.75	5.75	5.75
Gramoxone Inteon	oz											16.0000	0.25	4.00	4.00
Surfactant	pt											1.0000	2.62	2.62	2.62
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	6.36	8.56	0.65	1.00	0.08	1.30				17.87
Haul Soybeans	bu			1.00	Oct							40.0000	0.16	6.40	6.40
TOTALS						19.94	18.37	4.08	7.60	0.59	6.22			269.52	325.73
INTEREST ON OPERATING CAPITAL															4.92
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															330.65

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, 2012.

			-----BREAKEVEN PRICE-----										
Soybeans			5.13	5.48	5.89	6.37	6.93	7.61	8.44	9.48	10.81	12.58	15.07
PERCENT	YIELD	UNIT	-----dollars-----										
50	20.00	bu	-198	-191	-183	-173	-162	-149	-132	-111	-85	-49	0
			-224	-217	-209	-199	-188	-175	-158	-137	-111	-75	-25
60	24.00	bu	-178	-170	-160	-149	-135	-119	-99	-74	-42	0	59
			-204	-196	-186	-175	-161	-145	-125	-100	-68	-25	33
70	28.00	bu	-159	-149	-137	-124	-108	-89	-66	-37	0	49	119
			-185	-175	-163	-150	-134	-115	-92	-63	-25	23	93
80	32.00	bu	-139	-127	-114	-99	-81	-59	-33	0	42	99	178
			-165	-153	-140	-125	-107	-85	-59	-25	16	73	152
90	36.00	bu	-119	-106	-91	-74	-54	-29	0	37	85	149	238
			-145	-132	-117	-100	-80	-55	-25	11	59	123	212
100	40.00	bu	-99	-85	-68	-49	-27	0	33	74	127	198	298
			-125	-111	-94	-75	-53	-25	7	48	101	172	272
110	44.00	bu	-79	-63	-45	-24	0	29	66	111	170	248	357
			-105	-89	-71	-50	-25	3	40	85	144	222	331
120	48.00	bu	-59	-42	-22	0	27	59	99	149	213	298	417
			-85	-68	-48	-25	1	33	73	123	187	272	391
130	52.00	bu	-39	-21	0	24	54	89	132	186	255	347	477
			-65	-47	-25	-1	28	63	106	160	229	321	451
140	56.00	bu	-19	0	22	49	81	119	165	223	298	397	536
			-45	-25	-3	23	55	93	139	197	272	371	510
150	60.00	bu	0	21	45	74	108	149	198	260	340	447	596
			-25	-4	19	48	82	123	172	234	314	421	570

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, 2012.

			-----BREAKEVEN PRICE-----										
Soybeans			5.56	5.95	6.39	6.91	7.52	8.26	9.16	10.29	11.73	13.66	16.37
PERCENT	YIELD	UNIT	-----dollars-----										
50	20.00	bu	-190	-182	-173	-163	-150	-136	-118	-95	-66	-28	25
			-216	-208	-199	-189	-176	-162	-144	-121	-92	-54	0
60	24.00	bu	-168	-159	-148	-136	-121	-103	-82	-55	-20	25	90
			-194	-185	-174	-162	-147	-129	-108	-81	-46	0	64
70	28.00	bu	-146	-136	-123	-109	-91	-71	-46	-14	25	80	155
			-172	-162	-149	-135	-117	-97	-72	-40	0	54	129
80	32.00	bu	-125	-112	-98	-82	-62	-38	-10	25	72	134	220
			-151	-138	-124	-108	-88	-64	-36	0	46	108	194
90	36.00	bu	-103	-89	-73	-55	-32	-6	25	66	118	188	285
			-129	-115	-99	-81	-58	-32	0	40	92	162	259
100	40.00	bu	-82	-66	-48	-28	-3	25	61	107	164	242	350
			-108	-92	-74	-54	-29	0	36	81	138	216	324
110	44.00	bu	-60	-43	-23	-1	25	58	98	147	211	296	415
			-86	-69	-49	-27	0	32	72	121	185	270	389
120	48.00	bu	-38	-20	1	25	55	90	134	188	257	350	479
			-64	-46	-24	0	29	64	108	162	231	324	453
130	52.00	bu	-17	2	25	52	84	123	170	228	303	404	544
			-43	-23	0	27	58	97	144	202	277	378	518
140	56.00	bu	4	25	50	80	114	155	206	269	350	458	609
			-21	0	24	54	88	129	180	243	324	432	583
150	60.00	bu	25	49	75	107	143	188	242	309	396	512	674
			0	23	49	81	117	162	216	283	370	486	648

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, 2012.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	5.75	3.0000	17.25	_____
App by Air (3 gal)	appl	4.50	3.0000	13.50	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.25	16.0000	4.00	_____
FERTILIZERS					
LA Phosphate	lb	0.70	50.0000	35.00	_____
LA Potash	lb	0.51	50.0000	25.50	_____
FUNGICIDES					
Quadris	oz	2.24	6.0000	13.44	_____
Stratego	pt	19.31	0.6250	12.07	_____
HERBICIDES					
Roundup WeatherMax	oz	0.21	66.0000	13.86	_____
2,4-D Amine 4	pt	2.01	1.0000	2.01	_____
Valor WP	oz	4.23	2.0000	8.46	_____
Dual II Magnum	pt	12.25	1.0000	12.25	_____
Flexstar HL	pt	15.63	1.0000	15.63	_____
INSECTICIDES					
Brigade EC	pt	15.10	0.7500	11.33	_____
Orthene 90S	lb	3.25	0.6000	1.95	_____
Intrepid 2F	oz	1.79	6.0000	10.74	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.98	50.0000	49.00	_____
ADJUVANTS					
Surfactant	pt	2.62	1.0000	2.62	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	44.00	0.3300	14.52	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.16	50.0000	8.00	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
IRRIGATION LABOR					
Implements	hour	9.60	0.0062	0.06	_____
LA Hired Labor					
Implements	hour	9.60	0.1586	1.52	_____
Tractors	hour	9.60	0.6473	6.21	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
DIESEL FUEL					
Tractors	gal	3.50	6.2667	21.94	_____
Harvesters	gal	3.50	1.2047	4.22	_____
Roll-Out Pipe Irr.	gal	3.50	4.8877	17.10	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.98	1.0000	4.98	_____
Tractors	Acre	2.70	1.0000	2.70	_____
Harvesters	Acre	2.14	1.0000	2.14	_____
Roll-Out Pipe Irr.	Acre	4.36	1.0000	4.36	_____
INTEREST ON OP. CAP.	Acre	5.53	1.0000	5.53	_____

TOTAL DIRECT EXPENSES				351.22	_____
FIXED EXPENSES					
Implements	Acre	9.77	1.0000	9.77	_____
Tractors	Acre	17.20	1.0000	17.20	_____
Harvesters	Acre	8.56	1.0000	8.56	_____
Roll-Out Pipe Irr.	Acre	48.19	1.0000	48.19	_____

TOTAL FIXED EXPENSES				83.72	_____

TOTAL SPECIFIED EXPENSES				434.94	_____

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, 2012.

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	3.65	3.00	0.97	1.11	0.11	1.13				9.86
LA Phosphate	lb											50.0000	0.70	35.00	35.00
LA Potash	lb											50.0000	0.51	25.50	25.50
Lime (Spread)	ton			0.33	Oct							0.3300	44.00	14.52	14.52
Field Cultivate	32'	MFWD 190	0.046	1.00	Oct	1.79	1.19	0.38	1.64	0.04	0.45				5.45
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.85	1.24	0.06	0.16	0.04	0.47				3.78
Ditcher		2WD 130	0.020	1.00	Oct	0.53	0.37	0.04	0.05	0.02	0.19				1.18
App by Air (5 gal)	appl			1.00	Mar							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
2,4-D Amine 4	pt											1.0000	2.01	2.01	2.01
Valor WP	oz											2.0000	4.23	8.46	8.46
NT Plant-Folding	12R-20	MFWD 190	0.098	1.00	May	3.75	2.50	2.31	4.51	0.19	1.88				14.95
Soybean Seed RR	lb											50.0000	0.98	49.00	49.00
Ditcher		2WD 130	0.020	1.00	May	0.53	0.37	0.04	0.05	0.02	0.19				1.18
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	1.48	1.14	0.13	0.15	0.06	0.61				3.51
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Dual II Magnum	pt											1.0000	12.25	12.25	12.25
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Flexstar HL	pt											1.0000	15.63	15.63	15.63
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.50	4.50	4.50
Brigade EC	pt											0.3750	15.10	5.66	5.66
Quadris	oz											6.0000	2.24	13.44	13.44
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.50	4.50	4.50
Orthene 90S	lb											0.6000	3.25	1.95	1.95
Stratego	pt											0.6250	19.31	12.07	12.07
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.50	4.50	4.50
Brigade EC	pt											0.3750	15.10	5.66	5.66
Intrepid 2F	oz											6.0000	1.79	10.74	10.74
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.75	5.75	5.75
Gramoxone Inteon	oz											16.0000	0.25	4.00	4.00
Surfactant	pt											1.0000	2.62	2.62	2.62
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	6.36	8.56	0.65	1.00	0.08	1.30				17.87
Haul Soybeans	bu			1.00	Oct							50.0000	0.16	8.00	8.00
Roll-Out Pipe Irr.	Acre				Jul	11.06	7.39	21.86	49.29	0.44	4.31	1.0000		6.60	100.51
TOTALS						31.00	25.76	26.44	57.96	1.04	10.53			277.72	429.41
INTEREST ON OPERATING CAPITAL															5.53
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															434.94

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, 2012.

			-----BREAKEVEN PRICE-----										
Soybeans			4.73	5.06	5.44	5.88	6.40	7.02	7.78	8.74	9.96	11.59	13.88
PERCENT	YIELD	UNIT	-----dollars-----										
50	25.00	bu	-228	-220	-211	-200	-187	-171	-152	-128	-98	-57	0
			-312	-304	-294	-283	-270	-255	-236	-212	-181	-140	-83
60	30.00	bu	-205	-196	-184	-171	-155	-137	-114	-85	-49	0	68
			-289	-279	-268	-255	-239	-220	-198	-169	-132	-83	-15
70	35.00	bu	-183	-171	-158	-142	-124	-102	-76	-42	0	57	137
			-266	-255	-242	-226	-208	-186	-159	-126	-83	-26	53
80	40.00	bu	-160	-147	-131	-114	-93	-68	-38	0	49	114	205
			-243	-230	-215	-198	-177	-152	-121	-83	-34	30	122
90	45.00	bu	-137	-122	-105	-85	-62	-34	0	42	98	171	274
			-220	-206	-189	-169	-146	-118	-83	-40	14	87	190
100	50.00	bu	-114	-98	-79	-57	-31	0	38	85	147	228	343
			-198	-181	-162	-140	-114	-83	-45	2	63	145	259
110	55.00	bu	-91	-73	-52	-28	0	34	76	128	196	285	411
			-175	-157	-136	-112	-83	-49	-7	44	112	202	328
120	60.00	bu	-68	-49	-26	0	31	68	114	171	245	343	480
			-152	-132	-110	-83	-52	-15	30	87	161	259	396
130	65.00	bu	-45	-24	0	28	62	102	152	214	294	400	549
			-129	-108	-83	-55	-21	19	68	130	210	316	465
140	70.00	bu	-22	0	26	57	93	137	190	257	343	457	617
			-106	-83	-57	-26	9	53	106	173	259	373	533
150	75.00	bu	0	24	52	85	124	171	228	300	392	514	686
			-83	-59	-30	2	41	87	145	216	308	431	602

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, 2012.

			-----BREAKEVEN PRICE-----										
Soybeans			5.85	6.25	6.72	7.27	7.92	8.69	9.64	10.83	12.35	14.39	17.23
PERCENT	YIELD	UNIT	-----dollars-----										
50	25.00	bu	-200	-190	-178	-165	-149	-129	-106	-76	-38	12	83
			-284	-274	-262	-249	-232	-213	-189	-160	-121	-71	0
60	30.00	bu	-172	-160	-146	-129	-110	-87	-58	-23	22	83	169
			-256	-243	-229	-213	-194	-170	-142	-106	-60	0	85
70	35.00	bu	-143	-129	-113	-94	-71	-44	-11	30	83	154	254
			-227	-213	-197	-177	-155	-128	-94	-53	0	71	170
80	40.00	bu	-115	-99	-80	-58	-32	-1	36	83	144	226	339
			-199	-182	-164	-142	-116	-85	-47	0	60	142	256
90	45.00	bu	-87	-68	-47	-23	6	41	83	137	205	297	425
			-170	-152	-131	-106	-77	-42	0	53	121	213	341
100	50.00	bu	-58	-38	-14	12	44	83	131	190	266	368	510
			-142	-121	-98	-71	-38	0	47	106	182	284	426
110	55.00	bu	-30	-7	18	48	83	126	178	243	327	439	595
			-113	-91	-65	-35	0	42	94	160	243	355	512
120	60.00	bu	-1	22	50	83	122	169	226	297	388	510	681
			-85	-60	-32	0	38	85	142	213	304	426	597
130	65.00	bu	26	53	83	119	161	211	273	350	449	581	766
			-56	-30	0	35	77	128	189	266	365	498	683
140	70.00	bu	55	83	116	154	200	254	320	403	510	652	852
			-28	0	32	71	116	170	237	320	426	569	768
150	75.00	bu	83	114	149	190	238	297	368	457	571	724	937
			0	30	65	106	155	213	284	373	487	640	853

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, 2012.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	5.75	2.0000	11.50	_____
App by Air (3 gal)	appl	4.50	4.0000	18.00	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.25	16.0000	4.00	_____
FERTILIZERS					
LA Phosphate	lb	0.70	50.0000	35.00	_____
LA Potash	lb	0.51	50.0000	25.50	_____
FUNGICIDES					
Quadris	oz	2.24	6.0000	13.44	_____
Stratego	pt	19.31	0.6250	12.07	_____
HERBICIDES					
Roundup WeatherMax	oz	0.21	66.0000	13.86	_____
2,4-D Amine 4	pt	2.01	1.0000	2.01	_____
Valor WP	oz	4.23	2.0000	8.46	_____
Dual II Magnum	pt	12.25	1.0000	12.25	_____
Flexstar HL	pt	15.63	1.0000	15.63	_____
INSECTICIDES					
Brigade EC	pt	15.10	0.7500	11.33	_____
Orthene 90S	lb	3.25	0.6000	1.95	_____
Intrepid 2F	oz	1.79	6.0000	10.74	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.98	50.0000	49.00	_____
ADJUVANTS					
Surfactant	pt	2.62	1.0000	2.62	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.16	45.0000	7.20	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
IRRIGATION LABOR					
Implements	hour	9.60	0.0062	0.06	_____
LA Hired Labor					
Implements	hour	9.60	0.1345	1.29	_____
Tractors	hour	9.60	0.7203	6.92	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
DIESEL FUEL					
Tractors	gal	3.50	6.8886	24.12	_____
Harvesters	gal	3.50	1.2047	4.22	_____
Roll-Out Pipe Irr.	gal	3.50	4.8877	17.10	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.43	1.0000	4.43	_____
Tractors	Acre	2.99	1.0000	2.99	_____
Harvesters	Acre	2.14	1.0000	2.14	_____
Roll-Out Pipe Irr.	Acre	4.36	1.0000	4.36	_____
INTEREST ON OP. CAP.	Acre	5.37	1.0000	5.37	_____
TOTAL DIRECT EXPENSES				336.89	_____
FIXED EXPENSES					
Implements	Acre	8.15	1.0000	8.15	_____
Tractors	Acre	19.07	1.0000	19.07	_____
Harvesters	Acre	8.56	1.0000	8.56	_____
Roll-Out Pipe Irr.	Acre	48.19	1.0000	48.19	_____
TOTAL FIXED EXPENSES				83.97	_____
TOTAL SPECIFIED EXPENSES				420.86	_____

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, 2012.

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	2.97	1.98	0.90	1.03	0.11	1.12				8.00
LA Phosphate	lb											50.0000	0.70	35.00	35.00
LA Potash	lb											50.0000	0.51	25.50	25.50
Disk Harrow	28'	MFWD 225	0.070	1.00	Oct	3.26	2.68	0.76	1.64	0.07	0.67				9.01
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.85	1.24	0.06	0.16	0.04	0.47				3.78
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Oct	2.84	1.89	0.33	0.88	0.07	0.71				6.65
Ditcher		2WD 130	0.020	1.00	Oct	0.53	0.37	0.04	0.05	0.02	0.19				1.18
App by Air (5 gal)	appl			1.00	Mar							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
2,4-D Amine 4	pt											1.0000	2.01	2.01	2.01
Valor WP	oz											2.0000	4.23	8.46	8.46
Plant - Folding	8R-38	MFWD 170	0.074	1.00	May	2.59	2.01	0.98	1.91	0.14	1.44				8.93
Soybean Seed RR	lb											50.0000	0.98	49.00	49.00
Ditcher		2WD 130	0.020	1.00	May	0.53	0.37	0.04	0.05	0.02	0.19				1.18
Spray (Bcast/HB)	40' Fold	MFWD 170	0.042	1.00	May	1.48	1.14	0.27	0.33	0.06	0.61				3.83
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Dual II Magnum	pt											1.0000	12.25	12.25	12.25
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Flexstar HL	pt											1.0000	15.63	15.63	15.63
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.50	4.50	4.50
Brigade EC	pt											0.3750	15.10	5.66	5.66
Quadris	oz											6.0000	2.24	13.44	13.44
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.50	4.50	4.50
Orthene 90S	lb											0.6000	3.25	1.95	1.95
Stratego	pt											0.6250	19.31	12.07	12.07
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.50	4.50	4.50
Brigade EC	pt											0.3750	15.10	5.66	5.66
Intrepid 2F	oz											6.0000	1.79	10.74	10.74
App by Air (3 gal)	appl			1.00	Sep							1.0000	4.50	4.50	4.50
Gramoxone Inteon	oz											16.0000	0.25	4.00	4.00
Surfactant	pt											1.0000	2.62	2.62	2.62
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	6.36	8.56	0.65	1.00	0.08	1.30				17.87
Haul Soybeans	bu			1.00	Oct							45.0000	0.16	7.20	7.20
Roll-Out Pipe Irr.	Acre				Jul	11.06	7.39	21.86	49.29	0.44	4.31	1.0000		6.60	100.51
TOTALS						33.47	27.63	25.89	56.34	1.09	11.01			261.15	415.49
INTEREST ON OPERATING CAPITAL															5.37
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															420.86

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, 2012.

			-----BREAKEVEN PRICE-----										
Soybeans			5.04	5.39	5.79	6.26	6.82	7.48	8.30	9.31	10.62	12.37	14.81
PERCENT	YIELD	UNIT	-----dollars-----										
50	22.50	bu	-219	-211	-202	-192	-179	-164	-146	-123	-94	-54	0
			-303	-295	-286	-276	-263	-248	-230	-207	-178	-138	-83
60	27.00	bu	-197	-188	-177	-164	-149	-131	-109	-82	-47	0	65
			-281	-272	-261	-248	-233	-215	-193	-166	-131	-83	-18
70	31.50	bu	-175	-164	-152	-137	-119	-98	-73	-41	0	54	131
			-259	-248	-236	-221	-203	-182	-157	-125	-83	-29	47
80	36.00	bu	-153	-141	-126	-109	-89	-65	-36	0	47	109	197
			-237	-225	-210	-193	-173	-149	-120	-83	-36	25	113
90	40.50	bu	-131	-117	-101	-82	-59	-32	0	41	94	164	263
			-215	-201	-185	-166	-143	-116	-83	-42	10	80	179
100	45.00	bu	-109	-94	-76	-54	-29	0	36	82	141	219	329
			-193	-178	-160	-138	-113	-83	-47	-1	57	135	245
110	49.50	bu	-87	-70	-50	-27	0	32	73	123	188	274	395
			-171	-154	-134	-111	-83	-51	-10	39	104	190	311
120	54.00	bu	-65	-47	-25	0	29	65	109	164	235	329	461
			-149	-131	-109	-83	-54	-18	25	80	151	245	377
130	58.50	bu	-43	-23	0	27	59	98	146	206	282	384	527
			-127	-107	-83	-56	-24	14	62	122	198	300	443
140	63.00	bu	-21	0	25	54	89	131	183	247	329	439	593
			-105	-83	-58	-29	5	47	99	163	245	355	509
150	67.50	bu	0	23	50	82	119	164	219	288	376	494	659
			-83	-60	-33	-1	35	80	135	204	292	410	575

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, 2012.

			-----BREAKEVEN PRICE-----										
Soybeans			6.28	6.72	7.23	7.82	8.51	9.35	10.37	11.65	13.29	15.48	18.54
PERCENT	YIELD	UNIT	-----dollars-----										
50	22.50	bu	-191	-181	-170	-157	-141	-122	-99	-71	-34	15	83
			-275	-265	-254	-241	-225	-206	-183	-155	-118	-68	0
60	27.00	bu	-164	-152	-138	-122	-104	-81	-53	-19	24	83	166
			-248	-236	-222	-206	-188	-165	-137	-103	-59	0	82
70	31.50	bu	-136	-122	-106	-88	-66	-40	-7	32	83	152	249
			-220	-206	-190	-172	-150	-124	-91	-51	0	68	165
80	36.00	bu	-109	-93	-75	-53	-28	1	38	83	143	221	332
			-193	-177	-159	-137	-112	-82	-45	0	59	137	248
90	40.50	bu	-81	-63	-43	-19	8	42	83	135	202	290	414
			-165	-147	-127	-103	-75	-41	0	51	118	206	330
100	45.00	bu	-53	-34	-11	15	46	83	129	187	261	359	497
			-137	-118	-95	-68	-37	0	45	103	177	275	413
110	49.50	bu	-26	-4	20	49	83	125	175	239	320	428	580
			-110	-88	-63	-34	0	41	91	155	236	344	496
120	54.00	bu	1	24	52	83	121	166	221	290	379	497	663
			-82	-59	-31	0	37	82	137	206	295	413	579
130	58.50	bu	28	54	83	118	159	208	267	342	438	566	745
			-55	-29	0	34	75	124	183	258	354	482	661
140	63.00	bu	56	83	115	152	196	249	313	394	497	635	828
			-27	0	31	68	112	165	229	310	413	551	744
150	67.50	bu	83	113	147	187	234	290	359	445	556	704	911
			0	29	63	103	150	206	275	361	472	620	827

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

Table 15.A Estimated costs per Acre
 Corn, Stale Sedbed, RR, Non-Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2012.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	5.75	4.0000	23.00	_____
App by Air (3 gal)	appl	4.50	1.0000	4.50	_____
GIN/DRY					
Dry Corn	bu	0.19	150.0000	28.50	_____
FERTILIZERS					
LA Phosphate	lb	0.70	30.0000	21.00	_____
LA Potash	lb	0.51	60.0000	30.60	_____
LA Nitrogen	lb	0.63	180.0000	113.40	_____
HERBICIDES					
Glyphosate Plus 4L	pt	3.19	2.0000	6.38	_____
2,4-D Amine 4	pt	2.01	1.0000	2.01	_____
Valor WP	oz	4.23	1.0000	4.23	_____
Roundup WeatherMax	oz	0.21	66.0000	13.86	_____
Atrazine 4L	pt	2.04	5.0000	10.20	_____
Select 2EC	oz	1.53	6.0000	9.18	_____
INSECTICIDES					
Karate Z	oz	2.73	2.1300	5.81	_____
Intrepid 2F	oz	1.79	6.0000	10.74	_____
Baythroid 2	oz	2.19	2.1300	4.66	_____
SEED/PLANTS					
Corn Seed RR	thous	2.78	32.0000	88.96	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	44.00	0.3300	14.52	_____
CUSTOM HARVEST/HAUL					
Haul Corn	bu	0.16	150.0000	24.00	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.1344	2.06	_____
LA Hired Labor					
Implements	hour	9.60	0.1611	1.54	_____
Tractors	hour	9.60	0.5819	5.58	_____
DIESEL FUEL					
Tractors	gal	3.50	5.3318	18.67	_____
Harvesters	gal	3.50	1.6602	5.81	_____
REPAIR & MAINTENANCE					
Implements	Acre	6.59	1.0000	6.59	_____
Tractors	Acre	2.42	1.0000	2.42	_____
Harvesters	Acre	2.26	1.0000	2.26	_____
INTEREST ON OP. CAP.	Acre	10.63	1.0000	10.63	_____
TOTAL DIRECT EXPENSES				471.11	_____
FIXED EXPENSES					
Implements	Acre	9.94	1.0000	9.94	_____
Tractors	Acre	15.33	1.0000	15.33	_____
Harvesters	Acre	9.06	1.0000	9.06	_____
TOTAL FIXED EXPENSES				34.33	_____
TOTAL SPECIFIED EXPENSES				505.44	_____

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, 2012.

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	44.00	14.52	14.52
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	1.61	1.07	0.27	0.55	0.08	0.80				4.30
LA Phosphate	lb											30.0000	0.70	21.00	21.00
LA Potash	lb											60.0000	0.51	30.60	30.60
Disk Harrow	28'	MFWD 225	0.070	1.00	Sep	3.26	2.68	0.76	1.64	0.07	0.67				9.01
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	2.84	1.89	0.28	0.75	0.07	0.71				6.47
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.85	1.24	0.06	0.16	0.04	0.47				3.78
Ditcher		2WD 130	0.020	1.00	Oct	0.53	0.37	0.04	0.05	0.02	0.19				1.18
App by Air (5 gal)	appl			1.00	Feb							1.0000	5.75	5.75	5.75
Glyphosate Plus 4L	pt											2.0000	3.19	6.38	6.38
2,4-D Amine 4	pt											1.0000	2.01	2.01	2.01
Valor WP	oz											1.0000	4.23	4.23	4.23
Ditcher		2WD 130	0.020	1.00	Mar	0.53	0.37	0.04	0.05	0.02	0.19				1.18
Roller	32'	MFWD 170	0.046	1.00	Mar	1.63	1.26	0.10	0.56	0.04	0.45				4.00
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	Mar	2.80	2.17	1.00	1.95	0.16	1.54				9.46
Corn Seed RR	thous											32.0000	2.78	88.96	88.96
LA Nitrogen	lb											30.0000	0.63	18.90	18.90
Ditcher		2WD 130	0.020	1.00	Mar	0.53	0.37	0.04	0.05	0.02	0.19				1.18
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.97	1.98	0.90	1.03	0.11	1.12				8.00
LA Nitrogen	lb											150.0000	0.63	94.50	94.50
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Dual 8E	pt											1.0000			
Atrazine 4L	pt											3.0000	2.04	6.12	6.12
Karate Z	oz											2.1300	2.73	5.81	5.81
App by Air (5 gal)	appl			1.00	May							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Atrazine 4L	pt											2.0000	2.04	4.08	4.08
Intrepid 2F	oz											6.0000	1.79	10.74	10.74
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.50	4.50	4.50
Baythroid 2	oz											2.1300	2.19	4.66	4.66
Header - Corn	6R38"	240hp	0.134	1.00	Aug	8.07	9.06	1.36	2.08	0.13	2.06				22.63
Dry Corn	bu											150.0000	0.19	28.50	28.50
Haul Corn	bu			1.00	Aug							150.0000	0.16	24.00	24.00
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Sep	2.54	1.93	1.74	1.07	0.08	0.79				8.07
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Select 2EC	oz											6.0000	1.53	9.18	9.18
TOTALS						29.16	24.39	6.59	9.94	0.87	9.18			415.55	494.81
INTEREST ON OPERATING CAPITAL															10.63
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															505.44

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, 2012.

			-----BREAKEVEN PRICE-----										
Corn			2.21	2.34	2.49	2.67	2.88	3.14	3.45	3.83	4.33	4.99	5.92
PERCENT	YIELD	UNIT	-----dollars-----										
50	75.00	bu	-278	-268	-257	-243	-227	-208	-185	-156	-119	-69	0
			-312	-302	-291	-278	-262	-243	-220	-191	-153	-103	-34
60	90.00	bu	-250	-238	-225	-208	-189	-167	-139	-104	-59	0	83
			-285	-273	-259	-243	-224	-201	-173	-138	-94	-34	49
70	105.00	bu	-222	-208	-192	-174	-151	-125	-92	-52	0	69	167
			-257	-243	-227	-208	-186	-159	-127	-86	-34	35	132
80	120.00	bu	-195	-179	-160	-139	-113	-83	-46	0	59	139	250
			-229	-213	-195	-173	-148	-117	-80	-34	25	104	216
90	135.00	bu	-167	-149	-128	-104	-75	-41	0	52	119	208	334
			-201	-183	-162	-138	-110	-76	-34	17	85	174	299
100	150.00	bu	-139	-119	-96	-69	-37	0	46	104	179	278	417
			-173	-153	-130	-103	-72	-34	12	70	144	244	383
110	165.00	bu	-111	-89	-64	-34	0	41	92	156	238	348	501
			-145	-123	-98	-69	-34	7	58	122	204	313	467
120	180.00	bu	-83	-59	-32	0	37	83	139	208	298	417	585
			-117	-94	-66	-34	3	49	104	174	264	383	550
130	195.00	bu	-55	-29	0	34	75	125	185	261	358	487	668
			-90	-64	-34	0	41	91	151	226	323	453	634
140	210.00	bu	-27	0	32	69	113	167	232	313	417	557	752
			-62	-34	-2	35	79	132	197	279	383	522	717
150	225.00	bu	0	29	64	104	151	208	278	365	477	626	835
			-34	-4	29	70	117	174	244	331	443	592	801

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, 2012.

			-----BREAKEVEN PRICE-----										
Corn			2.36	2.50	2.67	2.86	3.09	3.36	3.70	4.12	4.66	5.37	6.38
PERCENT	YIELD	UNIT	-----dollars-----										
50	75.00	bu	-267	-256	-243	-229	-212	-191	-166	-135	-94	-41	34
			-301	-290	-278	-263	-246	-226	-200	-169	-129	-75	0
60	90.00	bu	-236	-224	-209	-191	-171	-146	-116	-78	-30	34	124
			-271	-258	-243	-226	-205	-180	-150	-113	-64	0	90
70	105.00	bu	-206	-191	-174	-154	-130	-101	-66	-22	34	109	215
			-241	-226	-208	-188	-164	-135	-100	-56	0	75	180
80	120.00	bu	-176	-159	-139	-116	-88	-56	-15	34	98	185	305
			-211	-193	-173	-150	-123	-90	-50	0	64	150	271
90	135.00	bu	-146	-127	-104	-78	-47	-10	34	90	163	260	396
			-180	-161	-139	-113	-82	-45	0	56	129	226	361
100	150.00	bu	-116	-94	-70	-41	-6	34	84	147	228	335	486
			-150	-129	-104	-75	-41	0	50	113	193	301	452
110	165.00	bu	-86	-62	-35	-3	34	79	134	203	292	411	576
			-120	-96	-69	-37	0	45	100	169	258	376	542
120	180.00	bu	-56	-30	-0	34	75	124	185	260	357	486	667
			-90	-64	-34	0	41	90	150	226	323	452	633
130	195.00	bu	-25	2	34	72	116	169	235	316	421	561	757
			-60	-32	0	37	82	135	200	282	387	527	723
140	210.00	bu	4	34	69	109	157	215	285	373	486	637	848
			-30	0	34	75	123	180	251	339	452	602	813
150	225.00	bu	34	66	103	147	198	260	335	430	551	712	938
			0	32	69	113	164	226	301	395	516	678	904

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, 2012.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	5.75	4.0000	23.00	_____
App by Air (3 gal)	appl	4.50	1.0000	4.50	_____
GIN/DRY					
Dry Corn	bu	0.19	180.0000	34.20	_____
FERTILIZERS					
LA Phosphate	lb	0.70	30.0000	21.00	_____
LA Potash	lb	0.51	60.0000	30.60	_____
LA Nitrogen	lb	0.63	210.0000	132.30	_____
HERBICIDES					
Glyphosate Plus 4L	pt	3.19	2.0000	6.38	_____
2,4-D Amine 4	pt	2.01	1.0000	2.01	_____
Valor WP	oz	4.23	1.0000	4.23	_____
Roundup WeatherMax	oz	0.21	66.0000	13.86	_____
Atrazine 4L	pt	2.04	5.0000	10.20	_____
Select 2EC	oz	1.53	6.0000	9.18	_____
INSECTICIDES					
Karate Z	oz	2.73	2.1300	5.81	_____
Baythroid 2	oz	2.19	2.1300	4.66	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
SEED/PLANTS					
Corn Seed RR	thous	2.78	35.0000	97.30	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	44.00	0.3300	14.52	_____
CUSTOM HARVEST/HAUL					
Haul Corn	bu	0.16	180.0000	28.80	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.1344	2.06	_____
IRRIGATION LABOR					
Implements	hour	9.60	0.0062	0.06	_____
LA Hired Labor					
Implements	hour	9.60	0.1611	1.54	_____
Tractors	hour	9.60	0.8812	8.45	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
DIESEL FUEL					
Tractors	gal	3.50	8.2204	28.78	_____
Harvesters	gal	3.50	1.6602	5.81	_____
Roll-Out Pipe Irr.	gal	3.50	8.5535	29.94	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.04	1.0000	7.04	_____
Tractors	Acre	3.60	1.0000	3.60	_____
Harvesters	Acre	2.26	1.0000	2.26	_____
Roll-Out Pipe Irr.	Acre	5.77	1.0000	5.77	_____
INTEREST ON OP. CAP.	Acre	12.14	1.0000	12.14	_____

TOTAL DIRECT EXPENSES				558.04	_____
FIXED EXPENSES					
Implements	Acre	11.12	1.0000	11.12	_____
Tractors	Acre	22.88	1.0000	22.88	_____
Harvesters	Acre	9.06	1.0000	9.06	_____
Roll-Out Pipe Irr.	Acre	48.19	1.0000	48.19	_____

TOTAL FIXED EXPENSES				91.25	_____

TOTAL SPECIFIED EXPENSES				649.29	_____

Table 16.B Estimated resource use and costs for field operations, per Acre
 Corn, Stale Sedbed, RR, Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2012.

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	44.00	14.52	14.52
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	1.61	1.07	0.27	0.55	0.08	0.80				4.30
LA Phosphate	lb											30.0000	0.70	21.00	21.00
LA Potash	lb											60.0000	0.51	30.60	30.60
Disk Harrow	28'	MFWD 225	0.070	1.00	Sep	3.26	2.68	0.76	1.64	0.07	0.67				9.01
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	2.84	1.89	0.28	0.75	0.07	0.71				6.47
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.85	1.24	0.06	0.16	0.04	0.47				3.78
Ditcher		2WD 130	0.020	1.00	Oct	0.53	0.37	0.04	0.05	0.02	0.19				1.18
App by Air (5 gal)	appl			1.00	Feb							1.0000	5.75	5.75	5.75
Glyphosate Plus 4L	pt											2.0000	3.19	6.38	6.38
2,4-D Amine 4	pt											1.0000	2.01	2.01	2.01
Valor WP	oz											1.0000	4.23	4.23	4.23
Ditcher		2WD 130	0.020	1.00	Mar	0.53	0.37	0.04	0.05	0.02	0.19				1.18
Roller	32'	MFWD 170	0.046	1.00	Mar	1.63	1.26	0.10	0.56	0.04	0.45				4.00
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	Mar	2.80	2.17	1.00	1.95	0.16	1.54				9.46
Corn Seed RR	thous											35.0000	2.78	97.30	97.30
LA Nitrogen	lb											30.0000	0.63	18.90	18.90
Ditcher		2WD 130	0.020	1.00	Mar	0.53	0.37	0.04	0.05	0.02	0.19				1.18
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.97	1.98	0.90	1.03	0.11	1.12				8.00
LA Nitrogen	lb											180.0000	0.63	113.40	113.40
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Dual 8E	pt											1.0000			
Atrazine 4L	pt											3.0000	2.04	6.12	6.12
Karate Z	oz											2.1300	2.73	5.81	5.81
App by Air (5 gal)	appl			1.00	May							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Atrazine 4L	pt											2.0000	2.04	4.08	4.08
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.50	4.50	4.50
Baythroid 2	oz											2.1300	2.19	4.66	4.66
Header - Corn	6R38"	240hp	0.134	1.00	Aug	8.07	9.06	1.36	2.08	0.13	2.06				22.63
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	0.16	0.05	0.08	0.00	0.06				0.58
Haul Corn	bu				Aug							180.0000	0.16	28.80	28.80
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Sep	2.54	1.93	1.74	1.07	0.08	0.79				8.07
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Select 2EC	oz											6.0000	1.53	9.18	9.18
Roll-Out Pipe Irr.	Acres				Jul	11.06	7.39	36.11	49.29	0.44	4.31	1.0000		6.60	114.76
TOTALS						40.45	31.94	42.75	59.31	1.33	13.55			449.15	637.15
INTEREST ON OPERATING CAPITAL															12.14
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															649.29

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, 2012.

			-----BREAKEVEN PRICE-----										
Corn			2.18	2.31	2.46	2.64	2.85	3.10	3.40	3.78	4.27	4.93	5.84
PERCENT	YIELD	UNIT	-----dollars-----										
50	90.00	bu	-329	-317	-304	-288	-269	-247	-219	-185	-141	-82	0
			-420	-408	-395	-379	-360	-338	-310	-276	-232	-173	-91
60	108.00	bu	-296	-282	-266	-247	-224	-197	-164	-123	-70	0	98
			-387	-373	-357	-338	-315	-288	-255	-214	-161	-91	7
70	126.00	bu	-263	-247	-228	-205	-179	-148	-109	-61	0	82	197
			-354	-338	-319	-297	-270	-239	-201	-153	-91	-8	106
80	144.00	bu	-230	-211	-190	-164	-134	-98	-54	0	70	164	296
			-321	-303	-281	-255	-226	-190	-146	-91	-20	73	205
90	162.00	bu	-197	-176	-152	-123	-89	-49	0	61	141	247	395
			-288	-267	-243	-214	-181	-140	-91	-29	49	155	304
100	180.00	bu	-164	-141	-114	-82	-44	0	54	123	211	329	494
			-255	-232	-205	-173	-136	-91	-36	32	120	238	402
110	198.00	bu	-131	-105	-76	-41	0	49	109	185	282	411	592
			-223	-197	-167	-132	-91	-41	18	94	191	320	501
120	216.00	bu	-98	-70	-38	0	44	98	164	247	352	494	691
			-190	-161	-129	-91	-46	7	73	155	261	402	600
130	234.00	bu	-65	-35	0	41	89	148	219	308	423	576	790
			-157	-126	-91	-50	-1	56	128	217	332	485	699
140	252.00	bu	-32	0	38	82	134	197	274	370	494	658	889
			-124	-91	-53	-8	43	106	183	279	402	567	798
150	270.00	bu	0	35	76	123	179	247	329	432	564	741	988
			-91	-55	-15	32	88	155	238	341	473	649	897

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, 2012.

			-----BREAKEVEN PRICE-----										
Corn			2.52	2.67	2.85	3.06	3.31	3.60	3.96	4.42	5.00	5.77	6.85
PERCENT	YIELD	UNIT	-----dollars-----										
50	90.00	bu	-299	-285	-268	-250	-228	-201	-168	-128	-76	-6	91
			-390	-376	-360	-341	-319	-292	-260	-219	-167	-97	0
60	108.00	bu	-259	-243	-223	-201	-174	-142	-103	-55	7	91	208
			-351	-334	-315	-292	-266	-234	-195	-146	-83	0	117
70	126.00	bu	-220	-201	-178	-152	-121	-84	-38	18	91	188	325
			-312	-292	-270	-243	-212	-175	-130	-73	0	97	234
80	144.00	bu	-181	-159	-133	-103	-68	-25	26	91	174	286	442
			-273	-250	-225	-195	-159	-117	-65	0	83	195	351
90	162.00	bu	-142	-117	-88	-55	-15	32	91	164	258	383	559
			-234	-209	-180	-146	-106	-58	0	73	167	292	468
100	180.00	bu	-103	-76	-43	-6	38	91	156	237	342	481	676
			-195	-167	-135	-97	-53	0	65	146	250	390	585
110	198.00	bu	-64	-34	1	42	91	149	221	310	425	579	793
			-156	-125	-90	-48	0	58	130	219	334	487	702
120	216.00	bu	-25	7	46	91	144	208	286	383	509	676	910
			-117	-83	-45	0	53	117	195	292	418	585	819
130	234.00	bu	13	49	91	140	197	266	351	457	593	774	1027
			-78	-41	0	48	106	175	260	365	501	682	936
140	252.00	bu	52	91	136	188	250	325	416	530	676	871	1144
			-39	0	45	97	159	234	325	439	585	780	1053
150	270.00	bu	91	133	181	237	304	383	481	603	760	969	1262
			0	41	90	146	212	292	390	512	669	878	1170

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, 2012.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	5.75	4.0000	23.00	_____
App by Air (3 gal)	appl	4.50	1.0000	4.50	_____
GIN/DRY					
Dry Corn	bu	0.19	150.0000	28.50	_____
FERTILIZERS					
LA Phosphate	lb	0.70	30.0000	21.00	_____
LA Potash	lb	0.51	60.0000	30.60	_____
LA Nitrogen	lb	0.63	180.0000	113.40	_____
HERBICIDES					
Glyphosate Plus 4L	pt	3.19	2.0000	6.38	_____
2,4-D Amine 4	pt	2.01	1.0000	2.01	_____
Valor WP	oz	4.23	1.0000	4.23	_____
Roundup WeatherMax	oz	0.21	66.0000	13.86	_____
Atrazine 4L	pt	2.04	5.0000	10.20	_____
Select 2EC	oz	1.53	6.0000	9.18	_____
INSECTICIDES					
Baythroid 2	oz	2.19	2.1300	4.66	_____
SEED/PLANTS					
Corn Seed BtRR	thous	2.93	32.0000	93.76	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	44.00	0.3300	14.52	_____
CUSTOM HARVEST/HAUL					
Haul Corn	bu	0.16	150.0000	24.00	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.1344	2.06	_____
LA Hired Labor					
Implements	hour	9.60	0.1611	1.54	_____
Tractors	hour	9.60	0.5819	5.58	_____
DIESEL FUEL					
Tractors	gal	3.50	5.3318	18.67	_____
Harvesters	gal	3.50	1.6602	5.81	_____
REPAIR & MAINTENANCE					
Implements	Acre	6.59	1.0000	6.59	_____
Tractors	Acre	2.42	1.0000	2.42	_____
Harvesters	Acre	2.26	1.0000	2.26	_____
INTEREST ON OP. CAP.	Acre	10.35	1.0000	10.35	_____
TOTAL DIRECT EXPENSES				459.08	_____
FIXED EXPENSES					
Implements	Acre	9.94	1.0000	9.94	_____
Tractors	Acre	15.33	1.0000	15.33	_____
Harvesters	Acre	9.06	1.0000	9.06	_____
TOTAL FIXED EXPENSES				34.33	_____
TOTAL SPECIFIED EXPENSES				493.41	_____

Table 17.B Estimated resource use and costs for field operations, per Acre
 Corn, Stale Sedbed, BtRR, Non-Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2012.

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	44.00	14.52	14.52
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	1.61	1.07	0.27	0.55	0.08	0.80				4.30
LA Phosphate	lb											30.0000	0.70	21.00	21.00
LA Potash	lb											60.0000	0.51	30.60	30.60
Disk Harrow	28'	MFWD 225	0.070	1.00	Sep	3.26	2.68	0.76	1.64	0.07	0.67				9.01
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	2.84	1.89	0.28	0.75	0.07	0.71				6.47
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.85	1.24	0.06	0.16	0.04	0.47				3.78
Ditcher		2WD 130	0.020	1.00	Oct	0.53	0.37	0.04	0.05	0.02	0.19				1.18
App by Air (5 gal)	appl			1.00	Feb							1.0000	5.75	5.75	5.75
Glyphosate Plus 4L	pt											2.0000	3.19	6.38	6.38
2,4-D Amine 4	pt											1.0000	2.01	2.01	2.01
Valor WP	oz											1.0000	4.23	4.23	4.23
Ditcher		2WD 130	0.020	1.00	Mar	0.53	0.37	0.04	0.05	0.02	0.19				1.18
Roller	32'	MFWD 170	0.046	1.00	Mar	1.63	1.26	0.10	0.56	0.04	0.45				4.00
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	Mar	2.80	2.17	1.00	1.95	0.16	1.54				9.46
Corn Seed BtRR	thous											32.0000	2.93	93.76	93.76
LA Nitrogen	lb											30.0000	0.63	18.90	18.90
Ditcher		2WD 130	0.020	1.00	Mar	0.53	0.37	0.04	0.05	0.02	0.19				1.18
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.97	1.98	0.90	1.03	0.11	1.12	150.0000	0.63	94.50	94.50
LA Nitrogen	lb											1.0000	5.75	5.75	5.75
App by Air (5 gal)	appl			1.00	Apr							22.0000	0.21	4.62	4.62
Roundup WeatherMax	oz											1.0000			
Dual 8E	pt											3.0000	2.04	6.12	6.12
Atrazine 4L	pt											1.0000	5.75	5.75	5.75
App by Air (5 gal)	appl			1.00	May							22.0000	0.21	4.62	4.62
Roundup WeatherMax	oz											2.0000	2.04	4.08	4.08
Atrazine 4L	pt											1.0000	4.50	4.50	4.50
App by Air (3 gal)	appl			1.00	Jun							2.1300	2.19	4.66	4.66
Baythroid 2	oz														
Header - Corn	6R38"	240hp	0.134	1.00	Aug	8.07	9.06	1.36	2.08	0.13	2.06	150.0000	0.19	28.50	28.50
Dry Corn	bu											150.0000	0.16	24.00	24.00
Haul Corn	bu			1.00	Aug										8.07
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Sep	2.54	1.93	1.74	1.07	0.08	0.79	1.0000	5.75	5.75	5.75
App by Air (5 gal)	appl			1.00	Sep							22.0000	0.21	4.62	4.62
Roundup WeatherMax	oz											6.0000	1.53	9.18	9.18
Select 2EC	oz														
TOTALS						29.16	24.39	6.59	9.94	0.87	9.18			403.80	483.06
INTEREST ON OPERATING CAPITAL															10.35
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															493.41

Table 17.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
 Corn, Stale Sedbed, BtRR, Non-Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2012.

			-----BREAKEVEN PRICE-----										
Corn			2.15	2.28	2.43	2.60	2.81	3.06	3.36	3.73	4.22	4.86	5.76
PERCENT	YIELD	UNIT	-----dollars-----										
50	75.00	bu	-270	-260	-249	-236	-221	-202	-180	-152	-115	-67	0
			-304	-295	-284	-271	-255	-237	-214	-186	-150	-101	-34
60	90.00	bu	-243	-231	-218	-202	-184	-162	-135	-101	-57	0	81
			-277	-266	-252	-237	-218	-196	-169	-135	-92	-34	46
70	105.00	bu	-216	-202	-187	-169	-147	-121	-90	-50	0	67	162
			-250	-237	-221	-203	-181	-156	-124	-85	-34	33	128
80	120.00	bu	-189	-173	-156	-135	-110	-81	-45	0	57	135	243
			-223	-208	-190	-169	-145	-115	-79	-34	23	100	209
90	135.00	bu	-162	-144	-124	-101	-73	-40	0	50	115	202	324
			-196	-179	-159	-135	-108	-74	-34	16	81	168	290
100	150.00	bu	-135	-115	-93	-67	-36	0	45	101	173	270	405
			-169	-150	-127	-101	-71	-34	10	67	139	236	371
110	165.00	bu	-108	-86	-62	-33	0	40	90	152	231	338	487
			-142	-121	-96	-68	-34	6	55	117	197	303	452
120	180.00	bu	-81	-57	-31	0	36	81	135	202	289	405	568
			-115	-92	-65	-34	2	46	100	168	255	371	533
130	195.00	bu	-54	-28	0	33	73	121	180	253	347	473	649
			-88	-63	-34	-0	39	87	146	219	313	439	615
140	210.00	bu	-27	0	31	67	110	162	225	304	405	541	730
			-61	-34	-3	33	76	128	191	270	371	506	696
150	225.00	bu	0	28	62	101	147	202	270	355	463	608	811
			-34	-5	28	67	113	168	236	320	429	574	777

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, 2012.

			-----BREAKEVEN PRICE-----										
Corn			2.31	2.45	2.61	2.80	3.02	3.28	3.61	4.02	4.54	5.24	6.22
PERCENT	YIELD	UNIT	-----dollars-----										
50	75.00	bu	-259	-248	-236	-222	-205	-185	-161	-130	-91	-39	34
			-293	-282	-270	-256	-240	-220	-195	-165	-125	-73	0
60	90.00	bu	-229	-217	-202	-185	-165	-141	-112	-75	-28	34	122
			-264	-251	-237	-220	-200	-176	-146	-110	-62	0	88
70	105.00	bu	-200	-185	-168	-149	-125	-97	-63	-20	34	107	210
			-234	-220	-203	-183	-160	-132	-97	-55	0	73	176
80	120.00	bu	-171	-154	-134	-112	-85	-53	-14	34	97	181	298
			-205	-188	-169	-146	-120	-88	-48	0	62	146	264
90	135.00	bu	-141	-122	-101	-75	-45	-9	34	89	160	254	386
			-176	-157	-135	-110	-80	-44	0	55	125	220	352
100	150.00	bu	-112	-91	-67	-39	-5	34	83	144	222	327	474
			-146	-125	-101	-73	-40	0	48	110	188	293	440
110	165.00	bu	-83	-59	-33	-2	34	78	132	199	285	401	562
			-117	-94	-67	-36	0	44	97	165	251	366	528
120	180.00	bu	-53	-28	0	34	74	122	181	254	348	474	650
			-88	-62	-33	0	40	88	146	220	314	440	616
130	195.00	bu	-24	2	34	71	114	166	229	309	411	547	738
			-58	-31	0	36	80	132	195	275	377	513	704
140	210.00	bu	4	34	68	107	154	210	278	364	474	621	826
			-29	0	33	73	120	176	244	330	440	586	792
150	225.00	bu	34	65	102	144	194	254	327	419	537	694	914
			0	31	67	110	160	220	293	385	503	660	880

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, 2012.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	5.75	4.0000	23.00	_____
App by Air (3 gal)	appl	4.50	1.0000	4.50	_____
GIN/DRY					
Dry Corn	bu	0.19	180.0000	34.20	_____
FERTILIZERS					
LA Phosphate	lb	0.70	30.0000	21.00	_____
LA Potash	lb	0.51	60.0000	30.60	_____
LA Nitrogen	lb	0.63	210.0000	132.30	_____
HERBICIDES					
Glyphosate Plus 4L	pt	3.19	2.0000	6.38	_____
2,4-D Amine 4	pt	2.01	1.0000	2.01	_____
Valor WP	oz	4.23	1.0000	4.23	_____
Roundup WeatherMax	oz	0.21	66.0000	13.86	_____
Atrazine 4L	pt	2.04	5.0000	10.20	_____
Select 2EC	oz	1.53	6.0000	9.18	_____
INSECTICIDES					
Baythroid 2	oz	2.19	2.1300	4.66	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
SEED/PLANTS					
Corn Seed BtRR	thous	2.93	35.0000	102.55	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	44.00	0.3300	14.52	_____
CUSTOM HARVEST/HAUL					
Haul Corn	bu	0.16	180.0000	28.80	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.1344	2.06	_____
IRRIGATION LABOR					
Implements	hour	9.60	0.0062	0.06	_____
LA Hired Labor					
Implements	hour	9.60	0.1611	1.54	_____
Tractors	hour	9.60	0.8750	8.39	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
DIESEL FUEL					
Tractors	gal	3.50	8.1593	28.57	_____
Harvesters	gal	3.50	1.6602	5.81	_____
Roll-Out Pipe Irr.	gal	3.50	8.5535	29.94	_____
REPAIR & MAINTENANCE					
Implements	Acre	6.99	1.0000	6.99	_____
Tractors	Acre	3.58	1.0000	3.58	_____
Harvesters	Acre	2.26	1.0000	2.26	_____
Roll-Out Pipe Irr.	Acre	5.77	1.0000	5.77	_____
INTEREST ON OP. CAP.	Acre	12.15	1.0000	12.15	_____
TOTAL DIRECT EXPENSES				557.15	_____
FIXED EXPENSES					
Implements	Acre	11.04	1.0000	11.04	_____
Tractors	Acre	22.72	1.0000	22.72	_____
Harvesters	Acre	9.06	1.0000	9.06	_____
Roll-Out Pipe Irr.	Acre	48.19	1.0000	48.19	_____
TOTAL FIXED EXPENSES				91.01	_____
TOTAL SPECIFIED EXPENSES				648.16	_____

Table 18.B Estimated resource use and costs for field operations, per Acre
 Corn, Stale Sedbed, BtRR, Irrigated, 8-Row 38"
 Alluvial Soil, Louisiana, 2012.

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	44.00	14.52	14.52
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	1.61	1.07	0.27	0.55	0.08	0.80				4.30
LA Phosphate	lb											30.0000	0.70	21.00	21.00
LA Potash	lb											60.0000	0.51	30.60	30.60
Disk Harrow	28'	MFWD 225	0.070	1.00	Sep	3.26	2.68	0.76	1.64	0.07	0.67				9.01
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	2.84	1.89	0.28	0.75	0.07	0.71				6.47
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.85	1.24	0.06	0.16	0.04	0.47				3.78
Ditcher		2WD 130	0.020	1.00	Oct	0.53	0.37	0.04	0.05	0.02	0.19				1.18
App by Air (5 gal)	appl			1.00	Feb							1.0000	5.75	5.75	5.75
Glyphosate Plus 4L	pt											2.0000	3.19	6.38	6.38
2,4-D Amine 4	pt											1.0000	2.01	2.01	2.01
Valor WP	oz											1.0000	4.23	4.23	4.23
Ditcher		2WD 130	0.020	1.00	Mar	0.53	0.37	0.04	0.05	0.02	0.19				1.18
Roller	32'	MFWD 170	0.046	1.00	Mar	1.63	1.26	0.10	0.56	0.04	0.45				4.00
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	Mar	2.80	2.17	1.00	1.95	0.16	1.54				9.46
Corn Seed BtRR	lb											35.0000	2.93	102.55	102.55
LA Nitrogen	lb											30.0000	0.63	18.90	18.90
Ditcher		2WD 130	0.020	1.00	Mar	0.53	0.37	0.04	0.05	0.02	0.19				1.18
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.97	1.98	0.90	1.03	0.11	1.12				8.00
LA Nitrogen	lb											180.0000	0.63	113.40	113.40
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Dual 8E	pt											1.0000			
Atrazine 4L	pt											3.0000	2.04	6.12	6.12
App by Air (5 gal)	appl			1.00	May							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Atrazine 4L	pt											2.0000	2.04	4.08	4.08
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.50	4.50	4.50
Baythroid 2	oz											2.1300	2.19	4.66	4.66
Header - Corn	6R38"	240hp	0.134	1.00	Aug	8.07	9.06	1.36	2.08	0.13	2.06				22.63
Dry Corn	bu											180.0000	0.19	34.20	34.20
Haul Corn	bu			1.00	Aug							180.0000	0.16	28.80	28.80
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Sep	2.54	1.93	1.74	1.07	0.08	0.79				8.07
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Select 2EC	oz											6.0000	1.53	9.18	9.18
Roll-Out Pipe Irr.	Acre				Jul	11.06	7.39	36.11	49.29	0.44	4.31	1.0000		6.60	114.76
TOTALS						40.22	31.78	42.70	59.23	1.32	13.49			448.59	636.01
INTEREST ON OPERATING CAPITAL															12.15
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															648.16

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, 2012.

			-----BREAKEVEN PRICE-----										
Corn			2.18	2.31	2.46	2.63	2.84	3.09	3.39	3.78	4.26	4.92	5.83
PERCENT	YIELD	UNIT	-----dollars-----										
50	90.00	bu	-328	-317	-303	-287	-269	-246	-219	-184	-140	-82	0
			-419	-408	-394	-378	-360	-337	-310	-275	-231	-173	-91
60	108.00	bu	-295	-281	-265	-246	-224	-197	-164	-123	-70	0	98
			-386	-372	-356	-337	-315	-288	-255	-214	-161	-91	7
70	126.00	bu	-263	-246	-227	-205	-179	-147	-109	-61	0	82	197
			-354	-337	-318	-296	-270	-238	-200	-152	-91	-8	106
80	144.00	bu	-230	-211	-189	-164	-134	-98	-54	0	70	164	295
			-321	-302	-280	-255	-225	-189	-145	-91	-20	73	204
90	162.00	bu	-197	-176	-151	-123	-89	-49	0	61	140	246	394
			-288	-267	-242	-214	-180	-140	-91	-29	49	155	303
100	180.00	bu	-164	-140	-113	-82	-44	0	54	123	211	328	493
			-255	-231	-204	-173	-135	-91	-36	32	120	237	402
110	198.00	bu	-131	-105	-75	-41	0	49	109	184	281	411	591
			-222	-196	-166	-132	-91	-41	18	93	190	320	500
120	216.00	bu	-98	-70	-37	0	44	98	164	246	352	493	690
			-189	-161	-128	-91	-46	7	73	155	261	402	599
130	234.00	bu	-65	-35	0	41	89	147	219	308	422	575	789
			-156	-126	-91	-49	-1	56	128	217	331	484	698
140	252.00	bu	-32	0	37	82	134	197	274	369	493	657	887
			-123	-91	-53	-8	43	106	183	278	402	566	796
150	270.00	bu	0	35	75	123	179	246	328	431	563	739	986
			-91	-55	-15	32	88	155	237	340	472	648	895

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, 2012.

			-----BREAKEVEN PRICE-----										
Corn			2.51	2.67	2.85	3.05	3.30	3.60	3.96	4.41	4.99	5.76	6.84
PERCENT	YIELD	UNIT	-----dollars-----										
50	90.00	bu	-298	-284	-268	-249	-227	-201	-168	-128	-75	-6	91
			-389	-375	-359	-340	-318	-292	-259	-219	-166	-97	0
60	108.00	bu	-259	-242	-223	-201	-174	-142	-103	-55	7	91	207
			-350	-333	-314	-292	-265	-233	-194	-146	-83	0	116
70	126.00	bu	-220	-201	-178	-152	-121	-84	-38	17	91	188	324
			-311	-292	-269	-243	-212	-175	-129	-73	0	97	233
80	144.00	bu	-181	-159	-133	-103	-68	-25	26	91	174	285	441
			-272	-250	-224	-194	-159	-116	-64	0	83	194	350
90	162.00	bu	-142	-117	-88	-55	-15	32	91	164	257	383	558
			-233	-208	-179	-146	-106	-58	0	73	166	292	467
100	180.00	bu	-103	-75	-43	-6	37	91	155	237	341	480	675
			-194	-166	-134	-97	-53	0	64	146	250	389	584
110	198.00	bu	-64	-34	1	42	91	149	220	310	424	577	792
			-155	-125	-89	-48	0	58	129	219	333	486	701
120	216.00	bu	-25	7	46	91	144	207	285	383	508	675	908
			-116	-83	-44	0	53	116	194	292	417	584	817
130	234.00	bu	13	49	91	139	197	266	350	456	591	772	1025
			-77	-41	0	48	106	175	259	365	500	681	934
140	252.00	bu	52	91	135	188	250	324	415	529	675	870	1142
			-38	0	44	97	159	233	324	438	584	779	1051
150	270.00	bu	91	132	180	237	303	383	480	602	758	967	1259
			0	41	89	146	212	292	389	511	667	876	1168

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, 2012.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	5.75	1.5000	8.63	_____
App by Air (3 gal)	appl	4.50	2.0000	9.00	_____
FERTILIZERS					
LA Nitrogen	lb	0.63	110.0000	69.30	_____
LA Phosphate	lb	0.70	40.0000	28.00	_____
LA Potash	lb	0.51	40.0000	20.40	_____
FUNGICIDES					
Cruiser 5FS	oz	17.38	1.2800	22.25	_____
HERBICIDES					
Roundup WeatherMax	oz	0.21	55.0000	11.55	_____
2,4-D Amine 4	pt	2.01	2.0000	4.02	_____
Atrazine 4L	pt	2.04	4.0000	8.16	_____
Dual II Magnum	pt	12.25	1.0000	12.25	_____
INSECTICIDES					
Karate Z	oz	2.73	4.2600	11.63	_____
Lannate LV	pt	9.56	1.5000	14.34	_____
SEED/PLANTS					
Sorghum Concept	lb	1.82	6.0000	10.92	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	44.00	0.3300	14.52	_____
CUSTOM HARVEST/HAUL					
Haul Sorghum	bu	0.16	100.0000	16.00	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
LA Hired Labor					
Implements	hour	9.60	0.1190	1.14	_____
Tractors	hour	9.60	0.4011	3.85	_____
DIESEL FUEL					
Tractors	gal	3.50	3.4993	12.26	_____
Harvesters	gal	3.50	1.2047	4.22	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.66	1.0000	4.66	_____
Tractors	Acre	1.58	1.0000	1.58	_____
Harvesters	Acre	2.14	1.0000	2.14	_____
INTEREST ON OP. CAP.	Acre	7.03	1.0000	7.03	_____
TOTAL DIRECT EXPENSES				299.14	_____
FIXED EXPENSES					
Implements	Acre	6.32	1.0000	6.32	_____
Tractors	Acre	9.97	1.0000	9.97	_____
Harvesters	Acre	8.56	1.0000	8.56	_____
TOTAL FIXED EXPENSES				24.85	_____
TOTAL SPECIFIED EXPENSES				323.99	_____

Table 19.B Estimated resource use and costs for field operations, per Acre
 Grain Sorghum, 8-Row Equipment (38" Rows),
 Louisiana, 2012.

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	44.00	14.52	14.52
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	2.84	1.89	0.28	0.75	0.07	0.71				6.47
Roller	32'	MFWD 170	0.046	1.00	Oct	1.63	1.26	0.10	0.56	0.04	0.45				4.00
Ditcher		2WD 130	0.020	1.00	Oct	0.53	0.37	0.04	0.05	0.02	0.19				1.18
App by Air (5 gal)	appl			1.00	Mar							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
2,4-D Amine 4	pt											2.0000	2.01	4.02	4.02
Ditcher		2WD 130	0.020	1.00	Apr	0.53	0.37	0.04	0.05	0.02	0.19				1.18
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	Apr	2.80	2.17	1.00	1.95	0.16	1.54				9.46
Sorghum Concept	lb											6.0000	1.82	10.92	10.92
Cruiser 5FS	oz											1.2800	17.38	22.25	22.25
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.97	1.98	0.90	1.03	0.11	1.12				8.00
LA Nitrogen	lb											110.0000	0.63	69.30	69.30
LA Phosphate	lb											40.0000	0.70	28.00	28.00
LA Potash	lb											40.0000	0.51	20.40	20.40
Atrazine 4L	pt			1.00	Apr							4.0000	2.04	8.16	8.16
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Dual II Magnum	pt											1.0000	12.25	12.25	12.25
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.50	4.50	4.50
Karate Z	oz											2.1300	2.73	5.81	5.81
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.50	4.50	4.50
Karate Z	oz											2.1300	2.73	5.81	5.81
Lannate LV	pt											1.5000	9.56	14.34	14.34
App by Air (5 gal)	appl			0.50	Aug							0.5000	5.75	2.88	2.88
Roundup WeatherMax	oz											11.0000	0.21	2.31	2.31
Header Wheat/Sorghum	30' Rigid	275hp	0.085	1.00	Aug	6.36	8.56	0.56	0.86	0.08	1.30				17.64
Haul Sorghum	bu			1.00	Aug							100.0000	0.16	16.00	16.00
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Sep	2.54	1.93	1.74	1.07	0.08	0.79				8.07
TOTALS						20.20	18.53	4.66	6.32	0.60	6.29			260.96	316.96
INTEREST ON OPERATING CAPITAL															7.03
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															323.99

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, 2012.

			-----BREAKEVEN PRICE-----										
Grain Sorghum			2.04	2.18	2.33	2.51	2.73	2.99	3.30	3.69	4.20	4.87	5.82
PERCENT	YIELD	UNIT	-----dollars-----										
50	50.00	bu	-188	-181	-174	-165	-154	-141	-125	-106	-80	-47	0
			-213	-206	-198	-189	-179	-166	-150	-130	-105	-72	-24
60	60.00	bu	-169	-161	-152	-141	-128	-113	-94	-70	-40	0	56
			-194	-186	-177	-166	-153	-138	-119	-95	-65	-24	31
70	70.00	bu	-150	-141	-130	-117	-102	-84	-62	-35	0	47	113
			-175	-166	-155	-142	-127	-109	-87	-60	-24	22	88
80	80.00	bu	-132	-121	-108	-94	-77	-56	-31	0	40	94	169
			-156	-146	-133	-119	-102	-81	-56	-24	15	69	144
90	90.00	bu	-113	-101	-87	-70	-51	-28	0	35	80	141	226
			-138	-125	-111	-95	-76	-53	-24	10	55	116	201
100	100.00	bu	-94	-80	-65	-47	-25	0	31	70	121	188	282
			-119	-105	-90	-72	-50	-24	6	45	96	163	258
110	110.00	bu	-75	-60	-43	-23	0	28	62	106	161	235	339
			-100	-85	-68	-48	-24	3	38	81	136	210	314
120	120.00	bu	-56	-40	-21	0	25	56	94	141	202	282	396
			-81	-65	-46	-24	0	31	69	116	177	258	371
130	130.00	bu	-37	-20	0	23	51	84	125	176	242	330	452
			-62	-45	-24	-1	26	60	100	151	217	305	427
140	140.00	bu	-18	0	21	47	77	113	157	212	282	377	509
			-43	-24	-3	22	52	88	132	187	258	352	484
150	150.00	bu	0	20	43	70	102	141	188	247	323	424	565
			-24	-4	18	45	78	116	163	222	298	399	540

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, 2012.

			-----BREAKEVEN PRICE-----										
Grain Sorghum			2.21	2.36	2.52	2.72	2.96	3.23	3.58	4.00	4.55	5.29	6.31
PERCENT	YIELD	UNIT	-----dollars-----										
50	50.00	bu	-180	-172	-164	-154	-143	-129	-111	-90	-63	-26	24
			-205	-197	-189	-179	-167	-153	-136	-115	-87	-51	0
60	60.00	bu	-159	-151	-140	-129	-115	-98	-77	-52	-19	24	86
			-184	-175	-165	-153	-139	-123	-102	-76	-43	0	61
70	70.00	bu	-139	-129	-117	-103	-87	-67	-43	-13	24	76	147
			-164	-153	-142	-128	-111	-92	-68	-38	0	51	123
80	80.00	bu	-118	-107	-93	-77	-59	-36	-9	24	68	127	209
			-143	-131	-118	-102	-83	-61	-34	0	43	102	184
90	90.00	bu	-98	-85	-69	-52	-31	-5	24	63	112	178	271
			-123	-109	-94	-76	-55	-30	0	38	87	153	246
100	100.00	bu	-77	-63	-46	-26	-3	24	59	101	156	230	332
			-102	-87	-71	-51	-27	0	34	76	131	205	307
110	110.00	bu	-57	-41	-22	-0	24	55	93	140	200	281	394
			-82	-65	-47	-25	0	30	68	115	175	256	369
120	120.00	bu	-36	-19	1	24	52	86	127	178	244	332	455
			-61	-43	-23	0	27	61	102	153	219	307	430
130	130.00	bu	-16	2	24	50	80	117	161	217	288	383	517
			-41	-21	0	25	55	92	136	192	263	359	492
140	140.00	bu	4	24	48	76	108	147	195	255	332	435	578
			-20	0	23	51	83	123	170	230	307	410	553
150	150.00	bu	24	46	72	101	136	178	230	294	376	486	640
			0	21	47	76	111	153	205	269	351	461	615

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, 2012.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	5.75	1.0000	5.75	_____
App by Air (3 gal)	appl	4.50	2.0000	9.00	_____
FERTILIZERS					
LA Phosphate	lb	0.70	40.0000	28.00	_____
LA Potash	lb	0.51	40.0000	20.40	_____
LA Nitrogen	lb	0.63	90.0000	56.70	_____
HERBICIDES					
Harmony Extra	oz	12.50	0.4500	5.63	_____
INSECTICIDES					
Mustang Max	oz	1.43	4.0000	5.72	_____
Karate Z	oz	2.73	2.1300	5.81	_____
SEED/PLANTS					
Wheat Seed Private	lb	0.32	90.0000	28.80	_____
Cotton Seed BGII/RRF	thous	0.61	0.4000	0.24	_____
ADJUVANTS					
Surfactant	pt	2.62	0.2000	0.52	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	44.00	0.3300	14.52	_____
App Fert by Air(Min)	appl	6.25	1.0000	6.25	_____
CUSTOM HARVEST/HAUL					
Haul Wheat	bu	0.16	60.0000	9.60	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
LA Hired Labor					
Implements	hour	9.60	0.1097	1.05	_____
Tractors	hour	9.60	0.2785	2.66	_____
DIESEL FUEL					
Tractors	gal	3.50	2.9104	10.18	_____
Harvesters	gal	3.50	1.2047	4.22	_____
REPAIR & MAINTENANCE					
Implements	Acre	3.30	1.0000	3.30	_____
Tractors	Acre	1.36	1.0000	1.36	_____
Harvesters	Acre	2.14	1.0000	2.14	_____
INTEREST ON OP. CAP.	Acre	3.85	1.0000	3.85	_____
TOTAL DIRECT EXPENSES				227.00	_____
FIXED EXPENSES					
Implements	Acre	6.79	1.0000	6.79	_____
Tractors	Acre	8.71	1.0000	8.71	_____
Harvesters	Acre	8.56	1.0000	8.56	_____
TOTAL FIXED EXPENSES				24.06	_____
TOTAL SPECIFIED EXPENSES				251.06	_____

Table 20.B Estimated resource use and costs for field operations, per Acre
Wheat, 8-Row Equipment, Drill Plant,
Alluvial Soil, Louisiana, 2012.

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	1.61	1.07	0.27	0.55	0.08	0.80				4.30
LA Phosphate	lb											40.0000	0.70	28.00	28.00
LA Potash	lb											40.0000	0.51	20.40	20.40
Lime (Spread)	ton			0.33	Oct							0.3300	44.00	14.52	14.52
Disk Harrow	28'	MFWD 225	0.070	1.00	Oct	3.26	2.68	0.76	1.64	0.07	0.67				9.01
Row Cond (Plant)	27'	MFWD 190	0.078	1.00	Oct	3.00	2.00	0.19	0.80	0.07	0.75				6.74
Ditcher		2WD 130	0.020	1.00	Oct	0.53	0.37	0.04	0.05	0.02	0.19				1.18
Grain Drill & Pre	30'	MFWD 225	0.067	1.00	Dec	3.14	2.59	1.48	2.89	0.13	1.30				11.40
Wheat Seed Private	lb											90.0000	0.32	28.80	28.80
Cotton Seed BGII/RRF	thous											0.4000	0.61	0.24	0.24
App by Air (5 gal)	appl			1.00	Dec							1.0000	5.75	5.75	5.75
Harmony Extra	oz											0.4500	12.50	5.63	5.63
Surfactant	pt											0.2000	2.62	0.52	0.52
App Fert by Air(Min)	appl			1.00	Feb							1.0000	6.25	6.25	6.25
LA Nitrogen	lb											90.0000	0.63	56.70	56.70
App by Air (3 gal)	appl			1.00	Feb							1.0000	4.50	4.50	4.50
Mustang Max	oz											4.0000	1.43	5.72	5.72
App by Air (3 gal)	appl			1.00	Apr							1.0000	4.50	4.50	4.50
Karate Z	oz											2.1300	2.73	5.81	5.81
Header Wheat/Sorghum	30' Rigid	275hp	0.085	1.00	May	6.36	8.56	0.56	0.86	0.08	1.30				17.64
Haul Wheat	bu			1.00	May							60.0000	0.16	9.60	9.60
TOTALS						17.90	17.27	3.30	6.79	0.47	5.01			196.94	247.21
INTEREST ON OPERATING CAPITAL															3.85
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															251.06

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, 2012.

LA Wheat			-----BREAKEVEN PRICE-----										
			2.57	2.74	2.94	3.18	3.45	3.78	4.18	4.68	5.33	6.19	7.40
PERCENT	YIELD	UNIT	-----dollars-----										
50	30.00	bu	-144	-139	-133	-126	-118	-108	-96	-81	-62	-36	0
			-168	-163	-157	-150	-142	-132	-120	-105	-86	-60	-24
60	36.00	bu	-130	-124	-116	-108	-98	-86	-72	-54	-31	0	43
			-154	-148	-140	-132	-122	-110	-96	-78	-55	-24	19
70	42.00	bu	-115	-108	-100	-90	-78	-65	-48	-27	0	36	86
			-139	-132	-124	-114	-103	-89	-72	-51	-24	12	62
80	48.00	bu	-101	-93	-83	-72	-59	-43	-24	0	31	72	130
			-125	-117	-107	-96	-83	-67	-48	-24	6	48	106
90	54.00	bu	-86	-77	-66	-54	-39	-21	0	27	62	108	173
			-110	-101	-90	-78	-63	-45	-24	3	37	84	149
100	60.00	bu	-72	-62	-50	-36	-19	0	24	54	93	144	217
			-96	-86	-74	-60	-43	-24	0	30	69	120	193
110	66.00	bu	-57	-46	-33	-18	0	21	48	81	124	180	260
			-81	-70	-57	-42	-24	-2	24	57	100	156	236
120	72.00	bu	-43	-31	-16	0	19	43	72	108	155	217	304
			-67	-55	-40	-24	-4	19	48	84	131	193	279
130	78.00	bu	-28	-15	0	18	39	65	96	135	186	253	347
			-53	-39	-24	-5	15	41	72	111	162	229	323
140	84.00	bu	-14	0	16	36	59	86	120	162	217	289	390
			-38	-24	-7	12	35	62	96	138	193	265	366
150	90.00	bu	0	15	33	54	78	108	144	190	248	325	434
			-24	-8	9	30	54	84	120	165	224	301	410

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, 2012.

LA Wheat			-----BREAKEVEN PRICE-----										
			2.84	3.03	3.25	3.51	3.81	4.18	4.63	5.18	5.90	6.86	8.20
PERCENT	YIELD	UNIT	-----dollars-----										
50	30.00	bu	-136	-131	-124	-116	-107	-96	-83	-66	-44	-16	24
			-160	-155	-148	-140	-131	-120	-107	-90	-68	-40	0
60	36.00	bu	-120	-113	-105	-96	-85	-72	-56	-36	-10	24	72
			-144	-137	-129	-120	-109	-96	-80	-60	-34	0	48
70	42.00	bu	-104	-96	-87	-76	-63	-48	-29	-6	24	64	120
			-128	-120	-111	-100	-87	-72	-53	-30	0	40	96
80	48.00	bu	-88	-79	-68	-56	-41	-24	-2	24	58	104	168
			-112	-103	-92	-80	-65	-48	-26	0	34	80	144
90	54.00	bu	-72	-62	-50	-36	-19	0	24	54	92	144	217
			-96	-86	-74	-60	-43	-24	0	30	68	120	192
100	60.00	bu	-56	-44	-31	-16	2	24	50	84	127	184	265
			-80	-68	-55	-40	-21	0	26	60	103	160	241
110	66.00	bu	-40	-27	-13	3	24	48	77	114	161	225	313
			-64	-51	-37	-20	0	24	53	90	137	201	289
120	72.00	bu	-24	-10	5	24	45	72	104	144	196	265	361
			-48	-34	-18	0	21	48	80	120	172	241	337
130	78.00	bu	-8	6	24	44	67	96	131	174	230	305	410
			-32	-17	0	20	43	72	107	150	206	281	385
140	84.00	bu	7	24	42	64	89	120	158	204	265	345	458
			-16	0	18	40	65	96	134	180	241	321	434
150	90.00	bu	24	41	61	84	111	144	184	235	299	385	506
			0	17	37	60	87	120	160	211	275	361	482

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, 2012.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	5.75	5.0000	28.75	_____
App by Air (3 gal)	appl	4.50	5.0000	22.50	_____
FERTILIZERS					
LA Phosphate	lb	0.70	50.0000	35.00	_____
LA Potash	lb	0.51	50.0000	25.50	_____
LA Nitrogen	lb	0.63	80.0000	50.40	_____
FUNGICIDES					
Quadris	oz	2.24	6.0000	13.44	_____
Stratego	pt	19.31	0.6300	12.17	_____
HERBICIDES					
Sencor DF	lb	14.85	0.1900	2.82	_____
Roundup WeatherMax	oz	0.21	66.0000	13.86	_____
Valor WP	oz	4.23	2.0000	8.46	_____
Dual II Magnum	pt	12.25	1.0000	12.25	_____
Flexstar HL	pt	15.63	1.0000	15.63	_____
INSECTICIDES					
Karate Z	oz	2.73	2.1300	5.81	_____
Orthene 90S	lb	3.25	1.7500	5.69	_____
Intrepid 2F	oz	1.79	6.0000	10.74	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
SEED/PLANTS					
Wheat Seed Private	lb	0.32	90.0000	28.80	_____
Cotton Seed BGII/RRF	thous	0.61	0.4000	0.24	_____
Soybean Seed RR	lb	0.98	50.0000	49.00	_____
Corn Seed VT3Pro	thous	3.12	12.0000	37.44	_____
Cotton Seed Liberty	thous	1.05	16.0000	16.80	_____
ADJUVANTS					
Surfactant	pt	2.62	2.5000	6.55	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	44.00	0.3300	14.52	_____
App Fert by Air(Min)	appl	6.25	1.0000	6.25	_____
CUSTOM HARVEST/HAUL					
Haul Wheat	bu	0.16	50.0000	8.00	_____
Haul Soybeans	bu	0.16	45.0000	7.20	_____
OPERATOR LABOR					
Harvesters	hour	15.30	0.1702	2.60	_____
IRRIGATION LABOR					
Implements	hour	9.60	0.0062	0.06	_____
LA Hired Labor					
Implements	hour	9.60	0.2318	2.22	_____
Tractors	hour	9.60	0.8658	8.30	_____
LA Irrigation Labor					
Special Labor	hour	9.60	0.1500	1.44	_____
DIESEL FUEL					
Tractors	gal	3.50	8.1334	28.48	_____
Harvesters	gal	3.50	2.4094	8.44	_____
Roll-Out Pipe Irr.	gal	3.50	4.8877	17.10	_____
REPAIR & MAINTENANCE					
Implements	Acre	8.10	1.0000	8.10	_____
Tractors	Acre	3.54	1.0000	3.54	_____
Harvesters	Acre	4.28	1.0000	4.28	_____
Roll-Out Pipe Irr.	Acre	4.36	1.0000	4.36	_____
INTEREST ON OP. CAP.	Acre	9.43	1.0000	9.43	_____
TOTAL DIRECT EXPENSES				542.77	_____
FIXED EXPENSES					
Implements	Acre	13.77	1.0000	13.77	_____
Tractors	Acre	22.50	1.0000	22.50	_____
Harvesters	Acre	17.12	1.0000	17.12	_____
Roll-Out Pipe Irr.	Acre	48.19	1.0000	48.19	_____
TOTAL FIXED EXPENSES				101.58	_____
TOTAL SPECIFIED EXPENSES				644.35	_____

Table 21.B Estimated resource use and costs for field operations, per Acre
Wheat and Irrigated Soybeans, (double crop),
Alluvial Soil, Louisiana, 2012.

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	1.61	1.07	0.27	0.55	0.08	0.80				4.30
LA Phosphate	lb											50.0000	0.70	35.00	35.00
LA Potash	lb											50.0000	0.51	25.50	25.50
Lime (Spread)	ton			0.33	Oct							0.3300	44.00	14.52	14.52
Disk Harrow	28'	MFWD 170	0.070	1.00	Oct	2.45	1.89	0.76	1.64	0.07	0.67				7.41
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.85	1.24	0.06	0.16	0.04	0.47				3.78
Row Cond (Plant)	27'	MFWD 190	0.078	1.00	Nov	3.00	2.00	0.19	0.80	0.07	0.75				6.74
Ditcher		2WD 130	0.020	1.00	Nov	0.53	0.37	0.04	0.05	0.02	0.19				1.18
Grain Drill	30'	MFWD 225	0.062	1.00	Nov	2.93	2.40	1.26	2.45	0.12	1.20				10.24
Wheat Seed Private	lb											90.0000	0.32	28.80	28.80
App by Air (5 gal)	appl				Dec							1.0000	5.75	5.75	5.75
Sencor DF	lb											0.1900	14.85	2.82	2.82
LA Nitrogen	lb				Feb							80.0000	0.63	50.40	50.40
App Fert by Air(Min)	appl											1.0000	6.25	6.25	6.25
App by Air (5 gal)	appl				Feb							1.0000	5.75	5.75	5.75
Cotton Seed BGII/RRF	thous											0.4000	0.61	0.24	0.24
Surfactant	pt											1.5000	2.62	3.93	3.93
App by Air (3 gal)	appl				Mar							1.0000	4.50	4.50	4.50
Karate Z	oz											2.1300	2.73	5.81	5.81
Header Wheat/Sorghum	30' Rigid	275hp	0.085	1.00	May	6.36	8.56	0.56	0.86	0.08	1.30				17.64
Haul Wheat	bu				May							50.0000	0.16	8.00	8.00
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	May	2.54	1.93	1.74	1.07	0.08	0.79				8.07
Roundup WeatherMax	oz				May							22.0000	0.21	4.62	4.62
App by Air (5 gal)	appl											1.0000	5.75	5.75	5.75
Valor WP	oz											2.0000	4.23	8.46	8.46
NT Plant&Pre-Rigid	12R-20	MFWD 190	0.105	1.00	May	4.04	2.70	2.00	3.89	0.21	2.04				14.67
Soybean Seed RR	lb											50.0000	0.98	49.00	49.00
Ditcher		2WD 130	0.020	1.00	May	0.53	0.37	0.04	0.05	0.02	0.19				1.18
App by Air (5 gal)	appl				Jun							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Dual II Magnum	pt											1.0000	12.25	12.25	12.25
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jul	1.48	1.14	0.13	0.15	0.06	0.61				3.51
Roundup WeatherMax	oz											22.0000	0.21	4.62	4.62
Flexstar HL	pt											1.0000	15.63	15.63	15.63
App by Air (3 gal)	appl				Jul							1.0000	4.50	4.50	4.50
Corn Seed VT3Pro	thous											6.0000	3.12	18.72	18.72
Quadris	oz											6.0000	2.24	13.44	13.44
App by Air (3 gal)	appl				Jul							1.0000	4.50	4.50	4.50
Orthene 90S	lb											1.0000	3.25	3.25	3.25
App by Air (3 gal)	appl				Aug							1.0000	4.50	4.50	4.50
Stratego	pt											0.6300	19.31	12.17	12.17
Corn Seed VT3Pro	thous											6.0000	3.12	18.72	18.72
App by Air (3 gal)	appl				Aug							1.0000	4.50	4.50	4.50
Orthene 90S	lb											0.7500	3.25	2.44	2.44
Intrepid 2F	oz											6.0000	1.79	10.74	10.74
App by Air (5 gal)	appl				Sep							1.0000	5.75	5.75	5.75
Cotton Seed Liberty	thous											16.0000	1.05	16.80	16.80
Surfactant	pt											1.0000	2.62	2.62	2.62
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	6.36	8.56	0.65	1.00	0.08	1.30				17.87
Haul Soybeans	bu				Oct							45.0000	0.16	7.20	7.20
Roll-Out Pipe Irr.	Acre				Jul	11.06	7.39	21.86	49.29	0.44	4.31	1.0000		6.60	100.51
TOTALS						44.74	39.62	29.56	61.96	1.42	14.62			444.42	634.92
INTEREST ON OPERATING CAPITAL															9.43
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															644.35

Table 21.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
Wheat and Irrigated Soybeans, (double crop),
Alluvial Soil, Louisiana, 2012.

			-----BREAKEVEN PRICE-----										
LA Wheat			0.22	0.21	0.21	0.20	0.19	0.18	0.16	0.14	0.12	0.09	0.05
PERCENT	YIELD	UNIT	-----dollars-----										
50	25.00	bu	4	4	3	3	3	3	2	2	1	1	0
			-97	-97	-97	-97	-98	-98	-98	-99	-99	-100	-101
60	30.00	bu	3	3	3	3	2	2	2	1	0	0	-1
			-97	-97	-98	-98	-98	-99	-99	-99	-100	-101	-102
70	35.00	bu	3	3	2	2	2	1	1	0	0	-1	-2
			-98	-98	-98	-98	-99	-99	-100	-100	-101	-102	-104
80	40.00	bu	2	2	2	2	1	1	0	0	-0	-2	-3
			-98	-98	-99	-99	-99	-100	-100	-101	-102	-103	-105
90	45.00	bu	2	2	1	1	1	0	0	-0	-1	-3	-5
			-99	-99	-99	-99	-100	-100	-101	-102	-103	-104	-106
100	50.00	bu	2	1	1	1	0	0	-0	-1	-2	-4	-6
			-99	-99	-100	-100	-101	-101	-102	-103	-104	-105	-107
110	55.00	bu	1	1	0	0	0	-0	-1	-2	-3	-5	-7
			-99	-100	-100	-101	-101	-102	-102	-103	-105	-106	-109
120	60.00	bu	1	0	0	0	-0	-1	-2	-3	-4	-6	-8
			-100	-100	-101	-101	-102	-102	-103	-104	-106	-107	-110
130	65.00	bu	0	0	0	-0	-1	-1	-2	-3	-5	-7	-10
			-100	-101	-101	-102	-102	-103	-104	-105	-107	-109	-111
140	70.00	bu	0	0	-0	-1	-1	-2	-3	-4	-6	-8	-11
			-101	-101	-102	-102	-103	-104	-105	-106	-107	-110	-113
150	75.00	bu	0	-0	-0	-1	-2	-3	-4	-5	-7	-9	-12
			-101	-102	-102	-103	-103	-104	-105	-107	-108	-111	-114

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.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre
Wheat and Irrigated Soybeans, (double crop),
Alluvial Soil, Louisiana, 2012.

			-----BREAKEVEN PRICE-----										
LA Wheat			1.57	1.66	1.77	1.89	2.03	2.21	2.42	2.68	3.02	3.48	4.11
PERCENT	YIELD	UNIT	-----dollars-----										
50	25.00	bu	38	40	42	46	49	53	59	65	74	85	101
			-63	-61	-58	-55	-51	-47	-42	-35	-27	-15	0
60	30.00	bu	44	47	50	53	58	63	69	77	87	101	120
			-57	-54	-51	-47	-43	-38	-31	-23	-13	0	19
70	35.00	bu	50	53	57	61	66	73	80	89	101	117	139
			-50	-47	-43	-39	-34	-28	-21	-11	0	15	38
80	40.00	bu	57	60	64	69	75	82	91	101	115	133	158
			-44	-40	-36	-31	-25	-19	-10	0	13	31	57
90	45.00	bu	63	67	72	77	84	92	101	113	128	149	177
			-38	-34	-29	-23	-17	-9	0	11	27	47	76
100	50.00	bu	69	74	79	85	92	101	112	125	142	165	196
			-31	-27	-21	-15	-8	0	10	23	40	63	95
110	55.00	bu	76	81	86	93	101	111	122	137	155	180	215
			-25	-20	-14	-7	0	9	21	35	54	79	114
120	60.00	bu	82	87	94	101	110	120	133	149	169	196	234
			-19	-13	-7	0	8	19	31	47	68	95	133
130	65.00	bu	88	94	101	109	118	130	143	161	183	212	253
			-12	-6	0	7	17	28	42	59	81	111	152
140	70.00	bu	95	101	108	117	127	139	154	172	196	228	272
			-6	0	7	15	25	38	52	71	95	126	171
150	75.00	bu	101	108	116	125	136	149	165	184	210	244	291
			0	6	14	23	34	47	63	83	108	142	190

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.

Appendix Table 1. Operating Inputs: Estimated Prices for 2012.

ITEM NAME	UNIT	PRICE	ITEM NAME	UNIT	PRICE
		dollars			dollars
ADJUVANTS					
Crop Oil (Seed Oil)	pt	3.36	Stiletto	oz	0.56
Crop Oil (Petroleum)	pt	1.55	Stratego	pt	19.31
Surfactant	pt	2.62	Terrachlor Flowable	pt	4.74
CUSTOM FERT/LIME					
App Fert by Air	cwt	6.25	Terraclor 2EC	pt	1.87
App Fert by Air(Min)	appl	6.25	Terraclor Super X EC	pt	3.95
Custom Apply Fert	acre	7.00	Terraclor Super X G	lb	2.82
Custom Spread(Truc	appl	4.50	Tilt 3.6 EC	oz	1.25
Lime (Spread)	ton	44.00	Vitavax 200	oz	0.47
CUSTOM HARVEST/HAUL					
Haul Rice	bu	0.18	Vitavax M Flowable	oz	1.06
Haul Rice (cwt)	cwt	0.25	Vitavax RTU-Thiram	oz	0.35
Haul Sorghum	bu	0.16	Vitavax T-L	oz	0.29
Haul Soybeans	bu	0.16	GIN/DRY		
Haul Wheat	bu	0.16	Dry Rice (cwt)	cwt	0.90
LA Haul Rice	cwt	0.30	GROWTH REGULATORS		
CUSTOM PLANT					
LARice Air Plant NE	cwt	5.50	Early Harvest PGR	oz	1.55
LARice Air Plant SW	cwt	5.60	LA Polado	oz	0.38
CUSTOM SPRAY					
App by Air (2 gal)	appl	3.75	Mepex	oz	0.08
App by Air (3 gal)	appl	4.50	PGR IV	oz	1.55
App by Air (5 gal)	appl	5.75	Pix Plus	oz	0.28
App by Air (10 gal)	appl	7.72	Pix Ultra	oz	0.39
LARice GPS Charge-SW	acre	0.35	HARVEST AIDS		
LARice GPS Charge_NE	acre	0.25	Accelerate	pt	2.59
FERTILIZERS					
Amm Nitrate (34% N)	cwt	20.58	Ammonium Sulfate	lb	0.14
Amm Sulfate (21% N)	cwt	18.90	Boll'd	pt	7.01
Fert 10-34-0	cwt	29.25	CottonQuik	pt	4.25
Fert 41-0-0	cwt	21.88	Def 6	pt	7.34
LA Nitrogen	lb	0.63	Def/Folex	pt	7.92
LA Phosphate	lb	0.70	Dropp 50 WP	lb	45.45
LA Potash	lb	0.51	Dropp SC	oz	1.74
Phosphorus(46% P2O5)	cwt	28.65	Ethephon 6E	pt	3.55
Potash (60% K2O)	cwt	29.19	Finish 6	pt	7.29
Sulfur	lb	0.30	Folex 6EC	pt	8.49
UAN (32% N)	cwt	18.54	Ginstar EC	pt	27.36
UAN + Sulfur (28% N)	cwt	18.54	Gramoxone Extra	pt	4.86
Urea, Solid (46% N)	cwt	22.29	Gramoxone Inteon	oz	0.25
Zinc	lb	0.55	Gramoxone Max	pt	5.46
FUNGICIDES					
Apron Maxx RTA	oz	0.83	Harvade 5F	oz	0.67
Apron XL	oz	8.51	Leafless	pt	18.56
Apron XL LS	oz	8.51	Prep	pt	3.00
Benlate 50 WP	lb	15.95	Sodium Chlorate 3L	gal	3.00
Captan 4L	pt	2.83	Solium Chlorate 6L	gal	5.95
Captan 50 WP	lb	5.05	Starfire	pt	0.00
Cruiser 5FS	oz	17.38	HERBICIDES		
Delta Coat AD	oz	3.75	2,4-D Amine 4	pt	2.01
Dithane F-45	qt	8.13	2,4-D Ester	pt	2.31
Dithane Rainsheild	lb	2.25	AAtrex 4L	pt	2.12
Fungicide	lb	2.82	AAtrex NINE-O	lb	4.60
Gem 25 WG	oz	3.70	Accent Gold	oz	6.12
Manzate 75 DF	lb	3.49	Accent SP	oz	36.25
Manzate Flowable	pt	4.60	Aim 2EC	oz	10.38
Moncut 70 DF	lb	24.85	Aim DF	oz	9.65
Orbit	oz	2.75	Arrosolo	qt	7.88
Prevail	lb	28.25	Assure II	oz	0.84
Quadris	oz	2.24	Atrazine 4L	pt	2.04
Ridomil GoldPC 10G	lb	2.08	Atrazine 90DF	lb	4.25
Ridomil Gold PC	lb	2.24	Authority 75DF	lb	26.95
Ridomil Gold PC Liq	oz	6.25	Axiom 68DF	lb	25.74
Rovral 4F	pt	16.88	Backdraft	pt	2.40
Rovral WG	lb	0.00	Banvel	pt	4.94
Shelter	oz	8.50	Basagran	pt	11.69
			Basis Gold	lb	9.00
			Beacon 75% WSP	oz	34.87
			Beyond	oz	4.20
			Bicep II Magnum	qt	11.01
			Bicep II zmsgnum	qt	11.01
			Bladex 4L	qt	0.00
			Bladex 90DF	lb	0.00

HERBICIDES (CON'T)			LA Weedmaster	qt	7.50
Blazer 2L	pt	0.00	Lariat	qt	5.71
Blazer Ultra	pt	8.94	Lasso 4EC	qt	6.60
Boa	pt	3.63	Lasso II 15G	lb	0.00
Bolero 8EC	pt	6.50	Layby Pro	qt	12.75
Boundary	pt	8.72	Lexone 75DF	lb	18.90
Buctril 4EC	pt	17.06	Liberty	pt	8.31
Butoxone 175(2,4-DB)	pt	2.70	Lightning	oz	14.25
Butoxone 200(2,4-DB)	pt	3.84	Lightning	oz	14.25
Butyrac 175 (2,4-DB)	pt	2.71	Linex 4L	pt	8.87
Butyrac 200 (2,4-DB)	pt	4.09	Londax 60DF	oz	14.50
Canopy 75%	oz	3.13	Lorox 50DF	lb	18.83
Canopy XL	oz	2.23	Matador	pt	0.00
Caparol 4L	pt	3.59	MSMA 6.6	pt	2.69
Caparol Accu-Pak	lb	0.00	MSMA6 + Surfactant	pt	2.81
Celebrity Plus	lb	84.50	Newpath 2SL	oz	3.29
Clarity	pt	10.31	Ordram 15-G	lb	1.34
Classic	oz	15.28	Ordram 8-E	pt	9.42
Clincher EC	oz	1.97	Outlook	pt	20.63
Cobra 2EC	oz	1.30	Pendimax 3.3	pt	2.47
Command 3ME	pt	14.75	Permit 75DF	oz	17.88
Command XTRA	pt	0.00	Poast 1.53	pt	10.22
Conclude Ultra	pt	0.00	Poast Plus	pt	7.84
Conclude Ultra	pt	0.00	Propanil 4E	qt	5.15
Conclude XACT	pt	11.32	Prowl 3.3 EC	pt	4.29
Conclude XTRA	pt	8.32	Pursuit DG	oz	11.59
Cornerstone	pt	1.50	Pursuit Plus EC	pt	7.10
Cotoran 4L	pt	4.69	Python WDG	oz	12.44
Cotoran DF	lb	7.92	Raptor	oz	4.62
Cotton Pro Flowable	pt	3.44	Reflex 2LC	pt	15.44
Crossbow	pt	8.05	Regiment 80WP	oz	36.63
Cy-Pro 4L	qt	0.00	Remedy	pt	11.86
Cypro 90DF	lb	0.00	Resource .86EC	pt	24.30
Delta Goal	pt	9.44	Ricestar	pt	20.59
Denim 0.16 EC	pt	24.06	Roundup Original	pt	6.00
Detail	pt	7.99	Roundup Original Max	oz	0.38
Direx 4L	pt	3.00	Roundup Power Max	pt	2.28
Direx 80 DF	lb	7.37	Roundup Ultra MAX	pt	5.97
Diuron 4L	pt	3.28	Roundup Ultra Dry	lb	6.14
Diuron 80 DF	lb	5.25	Roundup WeatherMax	oz	0.21
Domain 60DF	lb	12.75	Scepter 70 DG	oz	3.91
DSMA 4	pt	0.90	Select 2EC	oz	1.53
Dual 8E	pt	0.00	Sencor 4F	pt	14.74
Dual II Magnum	pt	12.25	Sencor DF	lb	14.85
Dual Magnum	pt	12.25	Squadron CE	pt	4.55
Duet	pt	4.45	Stam 4E	qt	5.12
Evik DF 80W	lb	9.75	Stam 80 EDF	lb	6.25
Exceed	oz	10.71	Staple 85%	oz	16.01
Exceed Custom Pak	oz	11.50	Staple Plus	oz	6.96
Expert	pt	3.69	Steadfast	oz	23.95
Facet 75DF	lb	45.50	Steel	pt	10.28
First Rate	oz	38.60	Storm	pt	11.56
Flexstar HL	pt	15.63	Strongarm	oz	47.50
FloMet 4L	pt	4.74	Superwham	qt	8.62
Freedom	qt	2.51	Suprend	lb	11.50
Front Row	oz	21.92	Surpass 20G	lb	2.36
Frontier 6.0	oz	0.63	Surpass EC	qt	23.75
Fultime	pt	4.56	Touchdown	qt	9.32
Fusion	pt	24.13	Touchdown 4 IQ	pt	3.33
Glyphos	pt	1.66	Touchdown Total	qt	4.25
Glyphomax	pt	3.49	Treflan HFP	pt	3.12
Glyphosate Plus 4L	pt	3.19	Treflan TR-10	lb	0.92
Glystar Plus	pt	1.56	Tri-Scept	pt	5.24
Goal 2XL	pt	9.31	Trifluralin 4EC	pt	3.19
Gramoxone Extra	pt	0.00	Trilin 10G	lb	0.79
Gramoxone Max	pt	5.46	Trilin 4EC	pt	2.12
Gramoxone Max	pt	5.46	Typhoon	qt	13.06
Grandstand R	qt	24.63	Valor WP	oz	4.23
Guardzman	pt	4.66	Whip 360	pt	25.08
Guardzman Max	pt	6.66	Zorial Rapid 80DF	lb	13.95
Harmony Extra	oz	12.50	INSECTICIDES		
Hoelon 3EC	pt	11.03	Acephate 80SP	lb	0.00
Karmex DF	lb	6.50	Acephate 90SP	lb	6.63
LA Asulox/Asulam	gal	39.00	Admire 2 Flowable	oz	4.78

Ammo 2.5 EC	oz	0.92	Vydate C-LV	oz	0.70
Asana .66 XL	oz	0.68	Warrior Z	oz	1.80
INSECTICIDES (CON'T)			Warrior ZT	oz	1.88
Aztec 2.1% G	lb	2.65	SEED/PLANTS		
Baythroid 2	oz	2.19	Corn Seed Bt	thous	0.00
Bidrin 8L	oz	0.91	Corn Seed BtRR	thous	2.93
Brigade EC	pt	15.10	Corn Seed Conv.	thous	0.00
Brigade WSB	lb	21.00	Corn Seed RR	thous	2.78
Capture 2EC	oz	1.76	Corn Seed VT3	thous	2.84
Carbamate	oz	0.00	Corn Seed VT3Pro	thous	3.12
Centric 40WG	oz	3.58	Cotton Seed BG/RR	thous	0.62
Comite	pt	6.00	Cotton Seed BGII/RRF	thous	0.61
Condor XL	pt	0.00	Cotton Seed Bt	thoud	0.28
Confirm 2F	oz	1.68	Cotton Seed BtRR	thous	0.46
Counter 15G	lb	2.50	Cotton Seed Bxn	thous	0.00
Counter CR	lb	2.65	Cotton Seed Conv.	thous	0.00
Curacron 8E	pt	10.78	Cotton Seed Liberty	thous	1.05
Decis 1.5EC	oz	2.84	Cotton Seed Liberty	thous	1.05
Declare	pt	4.08	Cotton Seed RR	thous	0.57
Denim 0.16EC	pt	26.42	Cotton Seed RR	thous	0.57
Di-Syston 15G	lb	3.48	Cotton Seed WS	thous	0.49
Di-Syston 8	pt	14.32	Cotton Seed WS/RR	thous	0.00
Diamond .83EC	pt	16.28	Cotton Seed WS/RRF	thous	0.59
Dimethoate 4E	pt	5.50	Rice Clearfield 161	lb	0.94
Dimilin 2L	oz	1.76	Rice Clearfield XL8	lb	5.70
Dipel DF	lb	12.25	Rice Seed (Levees)	lb	0.36
Dipel ES	pt	4.56	Rice Seed CF(Levees)	lb	0.89
Force 3G	lb	4.85	Rice Seed Conv.	lb	0.45
Furadan 3G	lb	0.00	Rice Seed Hybrid	lb	5.44
Furadan 4F	pt	9.81	SC Cultured seedcane	acre	484.00
Fury 1.5 EC	oz	1.30	Sorghum Concept	lb	1.82
Gaucho 480	oz	8.56	Sorghum Hybrid Sudax	lb	1.20
Intrepid 2F	oz	1.79	Sorghum NonConcept	lb	1.18
Intruder 70WP	oz	9.03	Soybean Seed LL	lb	0.89
Karate Z	oz	2.73	Soybean Seed Private	lb	0.38
Lannate LV	pt	9.56	Soybean Seed Public	lb	0.00
Lannate SP	oz	1.68	Soybean Seed RR	lb	0.98
Larvin 3.2	oz	0.60	Soybean Seed Stack	lb	1.28
Leverage 2.7	oz	1.33	Wheat Seed Private	lb	0.32
Lorsban 15G	lb	1.85	Wheat Seed Public	lb	0.00
Lorsban 4E	pt	5.00	SERVICE FEE		
Malathion 57EC	pt	4.23	Cotton Checkoff	bale	2.56
Malathion 8E	pt	5.50	Cotton Storage	bale	25.00
Malathion ULV	pt	4.93	Crop Consultant	acre	5.00
Mepichlor 4.2% Liq	pt	5.91	Insect Scouting	acre	7.00
Methyl Parathion	pt	4.44	Rice Consultant	acre	7.00
Monitor 4	pt	16.33	SC Treating Charge	acre	0.00
Monitor 4	pt	15.67	Survey & Mark Levees	acre	4.50
Mustang Max	oz	1.43	Survey & Mark Levees	acre	4.50
Organophosphate	oz	0.00	BG Cot Tech Fee	thous	0.28
Orthene 90S	lb	3.25	BG Cot Tech Fee	cap/ac	19.50
Orthene 97	lb	10.59	BG II Cot Tech Fee	thous	0.76
Ovasyn	pt	0.00	BG II Cot Tech Fee	cap/ac	35.25
Ovicide	oz	0.00	BG II/RR Tech Fee	thous	1.49
Penncap M	pt	4.59	BG II/RR Tech Fee	cap/ac	39.25
Phaser 3E	qt	8.13	BGII/RRF Cot Tech Fe	thous	1.49
Pirate 3SC	oz	0.00	BGII/RRF Cot Tech Fe	cap/ac	69.25
Pounce 25WP	lb	10.63	Eradication Fee	acre	1.50
Pounce 3.2 EC	oz	0.91	Eradication Zone 1	acre	2.00
Provado 1.6F	oz	1.94	Eradication Zone 1A	acre	2.00
Scout X-TRA	oz	0.00	Eradication Zone 1B	acre	2.00
Sevin 80S	lb	7.35	Eradication Zone 2	acre	2.00
Sevin XLR Plus	qt	11.13	Eradication Zone 3	acre	2.00
Spintor 2SC	oz	4.93	Eradication Zone 4	acre	2.00
Steward	pt	28.13	RR Cotton Tech Fee	thous	0.80
Synthetic Pyrethroid	oz	0.00	RR Cotton Tech Fee	cap/ac	37.25
Temik 15G Grit	lb	3.90	RR Cotton Tech Fee	thous	0.08
Thimet 20-G	lb	3.10	RR Cotton Tech Fee	cap/ac	37.25
Thionex 3EC	pt	3.47	RRF Cotton Tech Fee	thous	1.04
Thionex 50W	lb	8.20	RRF Cotton Tech Fee	cap/ac	48.25
Tracer	oz	8.20			
Trimax	oz	2.30			

Appendix Table 2. Tractors: estimated purchase price, annual use, useful life, fuel use, and direct and fixed cost per hour, Louisiana 2012.

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	11.60	34.23	0.00	45.83	0.00	45.83
Combine (200-249 hp)	240hp	161,548	300	8	12.35	11.60	43.22	16.82	71.65	67.39	139.04
Combine (225-274 hp)	Track250hp	0	300	8	12.87	11.60	45.04	0.00	56.64	0.00	56.64
Combine (250-299 hp)	275hp	241,000	300	8	14.15	11.60	49.52	25.10	86.22	100.53	186.76
Combine (250-299hp)	Grass295hp	218,222	300	8	15.18	11.60	53.13	22.73	87.46	91.03	178.49
Combine (275-299 hp)	Track290hp	0	300	8	14.93	11.60	52.25	0.00	63.85	0.00	63.85
Combine (300-349 hp)	325hp	269,000	300	8	16.73	11.60	58.55	28.02	98.17	112.22	210.39
Combine (300-349hp)	Track320hp	0	300	8	16.47	11.60	57.64	0.00	69.24	0.00	69.24
Combine (350-379 hp)	370hp	288,000	300	8	19.04	11.60	66.64	30.00	108.24	120.14	228.38
Combine (350-379 hp)	Track365hp	0	300	8	18.79	11.60	65.76	0.00	77.36	0.00	77.36
Cotton Stripper	173hp	157,000	200	8	8.08	11.60	28.28	24.53	64.41	98.24	162.65
SC Tractor 93 MDR	93	46,683	600	10	4.79	9.60	16.76	2.72	29.08	7.99	37.08
SC Tractpr 68 MDR	68	27,049	600	10	3.50	9.60	12.25	1.57	23.42	4.63	28.06
Tractor(40-59hp)Cab	2WD 50	31,500	600	8	2.57	9.60	9.00	0.98	19.59	6.02	25.61
Tractor(40-59hp)Cab	MFWD 50	32,900	600	8	2.57	9.60	9.00	1.02	19.63	6.29	25.92
Tractor(40-59hp)RB	2WD 50	25,500	600	8	2.57	9.60	9.00	0.79	19.40	4.87	24.28
Tractor(40-59hp)RB	MFWD 50	30,100	600	8	2.57	9.60	9.00	0.94	19.54	5.75	25.30
Tractor(60-89hp)CAB	2WD 75	42,100	600	8	3.86	9.60	13.51	1.31	24.42	8.05	32.48
Tractor(60-89hp)CAB	MFWD 75	46,600	600	8	3.86	9.60	13.51	1.45	24.56	8.91	33.48
Tractor(60-89hp)RB	2WD 75	35,600	600	8	3.86	9.60	13.51	1.11	24.22	6.80	31.03
Tractor(60-89hp)RB	MFWD 75	39,300	600	8	3.86	9.60	13.51	1.22	24.33	7.51	31.85
Tractor(90-119hp)CB	2WD 105	65,300	600	8	5.40	9.60	18.91	2.04	30.55	12.49	43.04
Tractor(90-119hp)CB	MFWD 105	69,600	600	8	5.40	9.60	18.91	2.17	30.69	13.31	44.00
Tractor(90-119hp)RB	2WD 105	52,700	600	8	5.40	9.60	18.91	1.64	30.16	10.08	40.24
Tractor(90-119hp)RB	MFWD 105	55,500	600	8	5.40	9.60	18.91	1.73	30.25	10.61	40.86
Tractor(120-139hp)CB	2WD 130	97,500	600	8	6.69	9.60	23.41	3.04	36.06	18.65	54.71
Tractor(120-139hp)CB	MFWD 130	98,000	600	8	6.69	9.60	23.41	3.06	36.08	18.74	54.82
Tractor(140-159hp)CB	2WD 150	113,000	600	8	7.72	9.60	27.02	3.53	40.15	21.61	61.77
Tractor(140-159hp)CB	MFWD 150	122,000	600	8	7.72	9.60	27.02	3.81	40.43	23.33	63.77
Tractor(160-179hp)CB	2WD 170	119,000	600	8	8.75	9.60	30.62	3.71	43.94	23.79	67.73
Tractor(160-179hp)CB	MFWD 170	135,000	600	8	8.75	9.60	30.62	4.21	44.44	26.99	71.43
Tractor(160-199hp)CB	Track 180	142,710	600	8	9.26	9.60	32.42	4.45	46.48	28.53	75.02
Tractor(180-199hp)CB	2WD 190	143,000	600	8	9.77	9.60	34.22	4.46	48.29	28.59	76.88
Tractor(180-199hp)CB	MFWD 190	127,500	600	8	9.77	9.60	34.22	3.98	47.81	25.49	73.30
Tractor(200-249hp)CB	4WD 225	147,066	600	8	11.58	9.60	40.53	4.59	54.73	29.40	84.13
Tractor(200-249hp)CB	MFWD 225	191,000	600	8	11.58	9.60	40.53	5.96	56.10	38.18	94.29
Tractor(200-249hp)CB	Track 225	212,000	600	8	11.58	9.60	40.53	6.62	56.75	42.38	99.14
Tractor(250-349hp)CB	4WD 300	211,000	600	8	15.44	9.60	54.04	6.59	70.24	42.18	112.42
Tractor(250-349hp)CB	Track 300	225,000	600	8	15.44	9.60	54.04	7.03	70.67	44.98	115.66
Tractor(350-449hp)CB	4WD 400	245,000	600	8	20.58	9.60	72.06	7.65	89.31	48.98	138.30
Tractor(350-449hp)CB	Track 400	305,000	600	8	20.58	9.60	72.06	9.53	91.19	60.98	152.17
Tractor(450-uphp)CB	TRACK-475	279,879	600	8	24.44	9.60	85.57	8.74	103.91	55.95	159.87

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 2012.

Item Name	Size	Purchase Price	Annual Use	Useful Life	Fuel Use	Perf Rate	Labor	Fuel	R&M	Total Direct	Fixed	Total Cost
		dollars	hours	years	gal/hr	hr/ac	-----\$/acre-----					
ATV - 4 Wheeler	12'	0	100	8	1.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
ATV - 4 Wheeler	20'	8,679	100	8	1.00	0.200	2.32	0.70	0.43	3.45	2.08	5.53
Cotton Picker-1st-BB	2R38"157hp	144,912	200	8	8.08	0.519	12.93	14.69	11.76	39.40	47.12	86.52
Cotton Picker-1st-BB	4R2X1260hp	317,399	200	8	13.33	0.172	4.29	8.03	8.54	20.87	34.22	55.09
Cotton Picker-1st-BB	4R30"250hp	262,000	200	8	12.86	0.327	8.15	14.74	13.40	36.29	53.67	89.97
Cotton Picker-1st-BB	4R30"325hp	350,000	200	8	18.01	0.327	8.15	20.63	17.90	46.69	71.70	118.39
Cotton Picker-1st-BB	4R38"255hp	267,000	200	8	13.12	0.257	6.41	11.84	10.75	29.01	43.06	72.08
Cotton Picker-1st-BB	4R38"325hp	351,000	200	8	18.01	0.257	6.41	16.24	14.13	36.80	56.61	93.42
Cotton Picker-1st-BB	5R30"255hp	285,000	200	8	12.86	0.261	6.52	11.78	11.66	29.97	46.70	76.67
Cotton Picker-1st-BB	5R38"250hp	284,601	200	8	12.86	0.207	5.15	9.33	9.21	23.70	36.90	60.60
Cotton Picker-1st-BB	6R30"325hp	418,000	200	8	18.27	0.218	5.43	13.95	14.25	33.64	57.08	90.73
Cotton Picker-1st-BB	6R38"330hp	417,000	200	8	18.27	0.172	4.29	11.01	11.22	26.53	44.96	71.49
Cotton Picker-1st-Tr	2R38"157hp	144,912	200	8	8.08	0.519	12.93	14.69	11.76	39.40	47.12	86.52
Cotton Picker-1st-Tr	4R2X1255hp	322,137	200	8	18.01	0.172	4.29	10.86	8.67	23.82	34.73	58.56
Cotton Picker-1st-Tr	4R30"250hp	261,825	200	8	12.86	0.327	8.15	14.74	13.39	36.28	53.63	89.92
Cotton Picker-1st-Tr	4R38"325hp	311,088	200	8	16.72	0.327	8.15	19.16	15.91	43.23	63.73	106.96
Cotton Picker-1st-Tr	4R38"255hp	262,818	200	8	13.12	0.257	6.41	11.84	10.58	28.84	42.39	71.24
Cotton Picker-1st-Tr	4R38"325hp	325,618	200	8	18.01	0.257	6.41	16.24	13.11	35.78	52.52	88.30
Cotton Picker-1st-Tr	5R30"255hp	285,303	200	8	13.12	0.261	6.52	12.03	11.67	30.22	46.75	76.98
Cotton Picker-1st-Tr	5R38"325hp	290,471	200	8	12.86	0.207	5.15	9.33	9.40	23.89	37.66	61.55
Cotton Picker-1st-Tr	6R30"325hp	429,000	200	8	16.72	0.218	5.43	12.77	14.62	32.84	58.58	91.43
Cotton Picker-1st-Tr	6R38"330hp	429,000	200	8	18.01	0.172	4.29	10.86	11.55	26.70	46.25	72.95
Cotton Picker-2nd-BB	2R38"157hp	144,912	200	8	8.08	0.440	10.96	12.44	9.96	33.37	39.91	73.29
Cotton Picker-2nd-BB	4R2x1260hp	322,187	200	8	18.01	0.145	3.63	9.20	7.34	20.18	29.42	49.60
Cotton Picker-2nd-BB	4R30"250hp	261,825	200	8	12.86	0.277	6.90	12.48	11.34	30.73	45.43	76.17
Cotton Picker-2nd-BB	4R30"325hp	311,088	200	8	16.72	0.277	6.90	16.23	13.47	36.62	53.98	90.60
Cotton Picker-2nd-BB	4R38"255hp	262,818	200	8	13.12	0.218	5.43	10.03	8.96	24.43	35.91	60.34
Cotton Picker-2nd-BB	4R38"325hp	325,618	200	8	18.01	0.218	5.43	13.76	11.10	30.30	44.49	74.80
Cotton Picker-2nd-BB	5R30"255hp	285,303	200	8	13.12	0.221	5.52	10.19	9.88	25.60	39.60	65.21
Cotton Picker-2nd-BB	5R38"250hp	284,601	200	8	12.86	0.175	4.37	7.90	7.80	20.07	31.25	51.33
Cotton Picker-2nd-BB	6R30"325hp	405,906	200	8	18.01	0.184	4.60	11.65	11.72	27.98	46.95	74.93
Cotton Picker-2nd-BB	6R38"330hp	404,462	200	8	18.01	0.145	3.63	9.19	9.22	22.05	36.93	58.99
Cotton Picker-2nd-Tr	2R38"157hp	144,912	200	8	8.08	0.440	10.96	12.44	9.96	33.37	39.91	73.29
Cotton Picker-2nd-Tr	4R2X1260hp	322,137	200	8	18.01	0.145	3.63	9.20	7.34	20.18	29.42	49.60
Cotton Picker-2nd-Tr	4R30"250hp	261,825	200	8	12.86	0.277	6.90	12.48	11.34	30.73	45.43	76.17
Cotton Picker-2nd-Tr	4R30"325hp	311,088	200	8	16.72	0.277	6.90	16.23	13.47	36.62	53.98	90.60
Cotton Picker-2nd-Tr	4R38"255hp	262,818	200	8	13.12	0.218	5.43	10.03	8.96	24.43	35.91	60.34
Cotton Picker-2nd-Tr	4R38"325hp	325,618	200	8	18.01	0.218	5.43	13.76	11.10	30.30	44.49	74.80
Cotton Picker-2nd-Tr	5R30"255hp	285,303	200	8	13.12	0.221	5.52	10.19	9.88	25.60	39.60	65.21
Cotton Picker-2nd-Tr	5R38"250hp	290,471	200	8	12.86	0.175	4.37	7.90	7.96	20.24	31.90	52.14
Cotton Picker-2nd-Tr	6R30"325hp	381,665	200	8	16.72	0.184	4.60	10.82	11.02	26.45	44.15	70.60
Cotton Picker-2nd-Tr	6R38"330hp	404,462	200	8	18.01	0.145	3.63	9.19	9.22	22.05	36.93	58.99
LA Pickup Truck	1/2 ton	25,000	800	5	2.50	1.000	9.60	8.75	2.81	21.16	6.70	27.86
LA Rice Combine	25 ft	165,000	300	10	8.60	0.300	5.05	9.03	13.21	27.30	20.35	47.65
LA Rice Combine-2	25 ft	165,000	300	10	8.60	0.300	5.05	9.03	13.21	27.30	20.35	47.65
LARice Combine Med	20 ft	150,000	300	10	7.10	0.210	3.53	5.22	8.40	17.15	12.94	30.10
Levee Sprayer	27'	30,768	350	8	2.57	0.038	0.61	0.34	0.06	1.02	0.42	1.44
Sprayer(300-450Gal)	47'	0	350	8	5.40	0.022	0.36	0.42	0.00	0.78	0.00	0.78
Sprayer(300-450Gal)	60'	98,100	350	8	5.66	0.017	0.28	0.34	0.09	0.72	0.61	1.34
Sprayer(300-450Gal)	80'	102,000	350	8	5.66	0.013	0.21	0.26	0.07	0.54	0.48	1.02
Sprayer(600-750Gal)	60'	154,000	350	8	10.29	0.017	0.28	0.63	0.14	1.06	0.97	2.03
Sprayer(600-825Gal)	80'	154,000	350	8	10.29	0.013	0.21	0.47	0.10	0.79	0.72	1.52
Sprayer(600-825Gal)	90'	223,000	350	8	10.29	0.011	0.18	0.42	0.14	0.75	0.93	1.69
Sprayer(1000-1400Gal)	90'	256,000	350	8	14.15	0.014	0.22	0.69	0.19	1.11	1.29	2.41
Sprayer(1200PlusGal)	120'	266,000	350	8	15.44	0.008	0.14	0.47	0.12	0.74	0.83	1.58

Appendix Table 4. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre, Louisiana 2012.

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	1,020	200	20	0.020	0.19	0.46	0.00	0.06	0.73	0.00	0.37	1.11
Blade-Box	10'	2WD 50	4,790	200	20	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Blade-Box	14'	2WD 50	6,720	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	1,160	200	20	1.176	11.29	10.59	0.64	0.93	23.47	0.52	5.73	29.74
Blade-Scraper	10'	2WD 50	2,970	200	20	1.176	11.29	10.59	1.65	0.93	24.48	1.35	5.73	31.58
Blade-Scraper	14'	2WD 50	6,120	200	20	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Chisel Plow(Folding)	16'	2WD 130	21,300	150	12	0.115	1.10	2.70	0.88	0.35	5.05	1.57	2.15	8.78
Chisel Plow(Folding)	24'	MFWD 190	31,000	150	12	0.076	0.73	2.61	0.85	0.30	4.51	1.51	1.94	7.97
Chisel Plow(Folding)	32'	MFWD 225	35,100	150	12	0.057	0.55	2.34	0.73	0.34	3.97	1.29	2.20	7.47
Chisel Plow(Folding)	42'	MFWD 225	40,800	150	12	0.044	0.42	1.78	0.64	0.26	3.11	1.14	1.68	5.94
Chisel Plow(Rigid)	15'	2WD 130	8,280	150	12	0.123	1.18	2.88	0.36	0.37	4.81	0.65	2.29	7.76
Chisel Plow(Rigid)	24'	MFWD 190	10,800	150	12	0.077	0.73	2.63	0.30	0.30	3.98	0.53	1.96	6.47
Chisel-Harrow	21 shank	2WD 190	11,900	150	12	0.088	0.84	3.01	0.37	0.39	4.63	0.66	2.51	7.81
Chisel-Harrow	27 shank	MFWD 225	13,400	150	12	0.068	0.65	2.77	0.33	0.40	4.17	0.58	2.61	7.37
Colter-Chisel-Harrow	21 shank	2WD 190	18,600	150	12	0.088	0.84	3.01	0.59	0.39	4.84	1.04	2.51	8.40
Colter-Chisel-Harrow	27 shank	MFWD 225	23,200	150	12	0.068	0.65	2.77	0.57	0.40	4.41	1.01	2.61	8.04
Corn Grain Cart 8R30	500 bu	MFWD 190	22,100	200	12	0.031	0.30	1.09	0.19	0.12	1.71	0.33	0.81	2.86
Corn Grain Cart 8R40	700bu	MFWD 190	28,300	200	12	0.025	0.24	0.85	0.19	0.09	1.38	0.33	0.63	2.36
Cult & Post	4R-38	2WD 105	15,500	150	10	0.173	2.44	3.27	0.71	0.28	6.72	1.92	1.74	10.39
Cult & Post	6R-30	MFWD 150	20,000	150	10	0.146	2.07	3.96	0.78	0.55	7.37	2.10	3.42	12.90
Cult & Post	6R-38	MFWD 150	20,900	150	10	0.115	1.63	3.12	0.64	0.44	5.85	1.73	2.70	10.28
Cult & Post	8R-30	MFWD 190	24,100	150	10	0.110	1.55	3.76	0.70	0.43	6.46	1.90	2.80	11.16
Cult & Post	8R-38	MFWD 190	25,500	150	10	0.086	1.22	2.97	0.59	0.34	5.14	1.58	2.21	8.94
Cult & Post	8R-38 2x1	MFWD 190	34,100	150	10	0.057	0.81	1.98	0.52	0.23	3.55	1.41	1.47	6.44
Cult & Post	10R-30	MFWD 225	31,200	150	10	0.088	1.24	3.56	0.73	0.52	6.06	1.96	3.36	11.39
Cult & Post	10R-38	MFWD 225	0	150	10	0.065	0.91	2.63	0.00	0.38	3.94	0.00	2.48	6.42
Cult & Post	12R-30	MFWD 225	40,700	150	10	0.073	1.03	2.97	0.79	0.43	5.24	2.13	2.80	10.18
Cult & Post	12R-38	MFWD 225	39,700	150	10	0.057	0.81	2.34	0.61	0.34	4.12	1.64	2.21	7.98
Cultipacker	12'	2WD 130	4,846	300	12	0.124	1.19	2.91	0.14	0.37	4.63	0.19	2.32	7.14
Cultipacker	20'	MFWD 150	15,200	300	12	0.074	0.71	2.01	0.26	0.28	3.28	0.37	1.74	5.40
Cultivate	4R-38	2WD 105	10,400	150	10	0.162	1.55	3.07	0.45	0.26	5.34	1.21	1.63	8.19
Cultivate	6R-30	MFWD 150	14,900	150	10	0.137	1.32	3.71	0.54	0.52	6.10	1.46	3.20	10.78
Cultivate	6R-38	MFWD 150	15,800	150	10	0.108	1.04	2.93	0.45	0.41	4.84	1.22	2.53	8.60
Cultivate	8R-30	MFWD 190	19,000	150	10	0.103	0.99	3.53	0.52	0.41	5.45	1.40	2.62	9.48
Cultivate	8R-38	MFWD 190	20,400	150	10	0.081	0.78	2.79	0.44	0.32	4.34	1.19	2.07	7.61
Cultivate	8R-38 2x1	MFWD 190	29,000	150	10	0.054	0.52	1.85	0.41	0.21	3.01	1.12	1.38	5.52
Cultivate	10R-30	MFWD 225	26,100	150	10	0.082	0.79	3.34	0.57	0.49	5.20	1.54	3.15	9.89
Cultivate	10R-38	MFWD 225	0	150	10	0.065	0.62	2.63	0.00	0.38	3.65	0.00	2.48	6.13
Cultivate	12R-30	MFWD 225	35,600	150	10	0.068	0.66	2.78	0.65	0.41	4.50	1.75	2.62	8.88
Cultivate	12R-38	MFWD 225	34,600	150	10	0.054	0.52	2.20	0.50	0.32	3.54	1.34	2.07	6.96
Disk & Incorporate	14'	2WD 130	26,200	200	10	0.149	2.11	3.50	1.17	0.45	7.25	2.10	2.79	12.15
Disk & Incorporate	24'	MFWD 190	38,100	200	10	0.087	1.23	2.98	0.99	0.34	5.56	1.78	2.22	9.58
Disk & Incorporate	32'	4WD 225	50,800	200	10	0.068	0.97	2.78	1.04	0.31	5.12	1.87	2.02	9.02
Disk & Incorporate	42'	MFWD 225	30,542	200	10	0.049	0.69	1.99	0.44	0.29	3.42	0.80	1.87	6.10
Disk Bed (Hipper)	4R-38	MFWD 150	7,970	160	10	0.147	1.41	3.98	0.29	0.56	6.26	0.79	3.44	10.50
Disk Bed (Hipper)	6R-30	MFWD 170	10,904	160	10	0.125	1.20	3.82	0.34	0.52	5.89	0.91	3.37	10.18
Disk Bed (Hipper)	6R-38	MFWD 170	12,600	160	10	0.098	0.94	3.02	0.31	0.41	4.69	0.83	2.66	8.19
Disk Bed (Hipper)	8R-30	MFWD 190	14,400	160	10	0.093	0.90	3.20	0.33	0.37	4.82	0.90	2.38	8.11
Disk Bed (Hipper)	8R-38 2x1	MFWD 190	27,700	160	10	0.049	0.47	1.68	0.34	0.19	2.70	0.91	1.25	4.87
Disk Bed (Hipper)	10R-30	MFWD 225	22,900	160	10	0.075	0.72	3.04	0.42	0.44	4.63	1.15	2.86	8.65
Disk Bed (Hipper)	10R-38	MFWD 225	23,700	160	10	0.059	0.56	2.39	0.35	0.35	3.66	0.94	2.25	6.86
Disk Bed (Hipper)	12R-30	MFWD 225	27,300	160	10	0.062	0.60	2.53	0.42	0.37	3.93	1.14	2.38	7.46
Disk Bed (Hipper)	12R-38	MFWD 225	27,700	160	10	0.049	0.47	1.99	0.34	0.29	3.10	0.91	1.88	5.91
Disk Bed (Hipper)Fld	8R-38	MFWD 190	17,700	160	10	0.074	0.71	2.53	0.32	0.29	3.87	0.88	1.88	6.64
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	15,100	160	10	0.074	0.71	2.53	0.27	0.29	3.82	0.75	1.88	6.46
Disk Bed w/roller	8R-30	2WD 190	20,700	160	10	0.093	0.90	3.20	0.48	0.41	5.01	1.30	2.68	8.99
Disk Bed w/roller	12R-30	MFWD 225	34,500	160	10	0.062	0.60	2.53	0.53	0.37	4.04	1.44	2.38	7.88
Disk Harrow	14'	2WD 130	21,100	180	10	0.140	1.34	3.28	0.82	0.42	5.88	1.76	2.61	10.26
Disk Harrow	24'	MFWD 190	33,000	180	10	0.081	0.78	2.80	0.75	0.32	4.66	1.61	2.08	8.36
Disk Harrow	28'	MFWD 225	39,100	180	10	0.070	0.67	2.84	0.76	0.41	4.69	1.63	2.67	9.01
Disk Harrow	42'	MFWD 225	88,200	180	10	0.046	0.44	1.89	1.14	0.27	3.76	2.46	1.78	8.01
Ditcher		2WD 130	4,390	200	10	0.020	0.19	0.46	0.03	0.06	0.75	0.04	0.37	1.17
Ditcher (1m/160a)		2WD 130	4,390	200	10	0.009	0.09	0.21	0.01	0.02	0.35	0.02	0.17	0.55
Fert Appl (Liquid)	4R-38	MFWD 150	14,000	150	8	0.154	2.18	4.17	1.44	0.58	8.39	1.65	3.60	13.66
Fert Appl (Liquid)	6R-30	MFWD 170	16,900	150	8	0.130	1.85	4.01	1.47	0.55	7.88	1.69	3.53	13.11
Fert Appl (Liquid)	6R-38	MFWD 170	14,700	150	8	0.103	1.46	3.16	1.01	0.43	6.07	1.16	2.79	10.02
Fert Appl (Liquid)	8R-30	MFWD 190	15,400	150	8	0.098	1.38	3.36	1.00	0.39	6.14	1.15	2.50	9.80
Fert Appl (Liquid)	8R-38	MFWD 190	17,400	150	8	0.077	1.09	2.65	0.90	0.30	4.96	1.03	1.97	7.97
Fert Appl (Liquid)	8R-38 2x1	MFWD 190	15,400	150	8	0.051	0.73	1.76	0.53	0.20	3.23	0.60	1.31	5.16
Fert Appl (Liquid)	10R-30	MFWD 225	16,000	150	8	0.078	1.11	3.18	0.83	0.46	5.60	0.96	3.00	9.56
Fert Appl (Liquid)	10R-38	MFWD 225	18,900	150	8	0.061	0.87	2.51	0.78	0.36	4.53	0.89	2.36	7.79
Fert Appl (Liquid)	12R-30	MFWD 225	18,500	150	8	0.078	1.11	3.18	0.96	0.46	5.73	1.11	3.00	9.84
Fert Appl (Liquid)	12R-38	MFWD 225	16,600	150	8	0.051	0.73	2.09	0.57	0.30	3.70	0.65	1.97	6.33
Field Cult & Inc	12'	2WD 150	13,605	100	10	0.132	1.86	3.57	0.44	0.46	6.35	1.93	2.85	11.14
Field Cult & Inc	24'	MFWD 170	24,679	100	10	0.066	0.93	2.02	0.40	0.27	3.64	1.75	1.78	7.18

Appendix Table 4. Implements: estimated purchase price, annual use, useful life, performance rate, (Continued) and direct and fixed cost per acre, Louisiana 2012.

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-----							
Field Cultivate	12'	2WD 150	15,400	100	10	0.124	1.19	3.36	0.47	0.43	5.47	2.06	2.68	10.22
Field Cultivate	24'	MFWD 170	23,500	100	10	0.062	0.59	1.90	0.36	0.26	3.13	1.57	1.67	6.38
Field Cultivate	32'	MFWD 190	32,700	100	10	0.046	0.44	1.59	0.38	0.18	2.61	1.64	1.18	5.44
Field Cultivate	42'	MFWD 225	47,700	100	10	0.035	0.34	1.44	0.42	0.21	2.41	1.82	1.35	5.59
Field Cultivate	50'	MFWD 225	56,800	100	10	0.029	0.28	1.21	0.42	0.17	2.09	1.82	1.14	5.06
Gate Installer		2WD 130	2,960	10	10	0.020	0.37	0.46	0.17	0.06	1.08	0.61	0.37	2.06
Grain Drill	12'	2WD 130	17,900	150	8	0.157	2.93	3.68	1.05	0.47	8.14	2.05	2.93	13.13
Grain Drill	15'	MFWD 150	21,800	150	8	0.125	2.34	3.39	1.02	0.47	7.24	2.00	2.93	12.18
Grain Drill	20'	MFWD 170	29,000	150	8	0.094	1.75	2.88	1.02	0.39	6.07	1.99	2.54	10.61
Grain Drill	24'	MFWD 190	50,800	150	8	0.078	1.46	2.68	1.49	0.31	5.96	2.91	2.00	10.88
Grain Drill	30'	MFWD 225	53,300	150	8	0.062	1.17	2.54	1.25	0.37	5.35	2.44	2.40	10.20
Grain Drill & Pre	12'	2WD 130	23,000	150	8	0.169	3.15	3.96	1.45	0.51	9.09	2.84	3.15	15.09
Grain Drill & Pre	15'	MFWD 150	26,900	150	8	0.135	2.52	3.65	1.36	0.51	8.06	2.66	3.15	13.88
Grain Drill & Pre	20'	MFWD 170	34,100	150	8	0.101	1.89	3.10	1.29	0.42	6.73	2.52	2.74	12.00
Grain Drill & Pre	24'	MFWD 190	55,900	150	8	0.084	1.57	2.89	1.77	0.33	6.58	3.45	2.15	12.19
Grain Drill & Pre	30'	MFWD 225	58,400	150	8	0.067	1.26	2.74	1.48	0.40	5.89	2.88	2.58	11.36
Harrow	13'	2WD 130	3,810	200	10	0.119	1.14	2.79	0.15	0.36	4.46	0.24	2.22	6.94
Harrow	21'	2WD 150	4,990	200	10	0.073	0.70	1.99	0.12	0.26	3.09	0.19	1.59	4.89
Harrow	40'	MFWD 190	15,400	200	10	0.038	0.37	1.32	0.20	0.15	2.06	0.32	0.98	3.37
Harrow	47'	MFWD 190	18,100	200	10	0.033	0.31	1.13	0.20	0.13	1.78	0.32	0.84	2.95
Header - Corn	4R-38	240hp	25,147	300	8	0.201	2.33	8.69	1.26	3.38	15.67	1.93	13.55	31.16
Header - Corn	6R30"	240hp	39,360	300	8	0.170	1.97	7.36	1.67	2.86	13.87	2.56	11.47	27.91
Header - Corn	6R38"	240hp	40,400	300	8	0.134	1.55	5.81	1.35	2.26	10.99	2.07	9.05	22.12
Header - Corn	8R-30	240hp	50,700	300	8	0.127	1.48	5.52	1.61	2.14	10.76	2.47	8.60	21.85
Header - Corn	8R-38	275hp	51,600	300	8	0.100	1.17	5.00	1.30	2.53	10.00	1.99	10.15	22.15
Header - Corn	12R-20	275hp	66,800	300	8	0.127	1.48	6.32	2.13	3.20	13.14	3.26	12.83	29.24
Header - Corn	12R-30	275hp	77,600	300	8	0.085	0.98	4.21	1.65	2.13	8.99	2.52	8.55	20.08
Header - Rice (CL)	22' Rigid	240hp	21,887	300	8	0.288	3.34	12.46	1.57	4.85	22.24	2.41	19.44	44.10
Header - Rice (CL)	25' Rigid	240hp	49,500	300	8	0.253	2.94	10.97	3.14	4.27	21.33	4.80	17.10	43.24
Header - Rice (CL)	30' Rigid	275hp	55,100	300	8	0.211	2.45	10.47	2.91	5.31	21.15	4.45	21.26	46.88
Header - Rice (SL)	22' Rigid	240hp	21,887	300	8	0.250	2.90	10.80	1.36	4.20	19.28	2.09	16.84	38.22
Header - Rice (SL)	25' Rigid	240hp	50,400	300	8	0.220	2.55	9.50	2.77	3.70	18.53	4.24	14.82	37.60
Header - Rice (SL)	30' Rigid	275hp	57,500	300	8	0.183	2.12	9.07	2.63	4.60	18.44	4.03	18.43	40.90
Header - Soybean	15' Flex	240hp	0	300	8	0.170	1.97	7.36	0.00	2.86	12.20	0.00	11.47	23.67
Header - Soybean	18' Flex	240hp	20,309	300	8	0.141	1.64	6.13	0.72	2.38	10.88	1.10	9.56	21.55
Header - Soybean	22' Flex	240hp	25,100	300	8	0.116	1.34	5.01	0.72	1.95	9.04	1.11	7.82	17.98
Header - Soybean	25' Flex	275hp	27,100	300	8	0.102	1.18	5.05	0.69	2.56	9.50	1.05	10.27	20.83
Header - Soybean	30' Flex	275hp	30,700	300	8	0.085	0.98	4.21	0.65	2.13	7.99	0.99	8.55	17.55
Header Wheat/Sorghum	18' Rigid	240hp	19,069	300	8	0.141	1.64	6.13	0.67	2.38	10.84	1.03	9.56	21.44
Header Wheat/Sorghum	22' Rigid	240hp	19,300	300	8	0.116	1.34	5.01	0.56	1.95	8.87	0.85	7.82	17.56
Header Wheat/Sorghum	25' Rigid	240hp	23,500	300	8	0.102	1.18	4.41	0.60	1.71	7.92	0.91	6.88	15.72
Header Wheat/Sorghum	30' Rigid	275hp	26,300	300	8	0.085	0.98	4.21	0.55	2.13	7.90	0.85	8.55	17.31
Heavy Disk	14'	MFWD 150	18,791	180	10	0.145	1.40	3.94	0.76	0.55	6.66	1.63	3.40	11.70
Heavy Disk	21'	MFWD 170	29,911	180	10	0.097	0.93	2.97	0.80	0.41	5.13	1.73	2.62	9.49
Heavy Disk	27'	MFWD 190	34,304	180	10	0.075	0.72	2.59	0.72	0.30	4.33	1.55	1.92	7.81
LA Boom Sprayer	30 ft	MFWD 150	3,000	150	10	0.059	0.57	1.62	0.13	0.22	2.55	0.14	1.39	4.10
Land Plane	40'x10'	MFWD 190	6,020	200	10	0.242	2.32	8.30	0.29	0.96	11.89	0.78	6.18	18.86
Land Plane	50'x16'	MFWD 190	10,900	200	10	0.151	1.45	5.19	0.33	0.60	7.58	0.88	3.86	12.33
LARice Backhoe-Rrmnt	2 ft	MFWD 150	6,000	100	10	0.500	4.80	13.51	2.64	1.90	22.85	3.69	11.66	38.22
LARice Land Level	13 ft	MFWD 150	7,500	200	15	0.190	1.82	5.13	0.15	0.72	7.84	0.66	4.43	12.94
LARice Levee Plow	8 ft	4WD 300	4,600	150	10	0.050	0.48	2.70	0.07	0.32	3.58	0.18	2.10	5.88
LARice Water Level	24 ft	4WD 300	3,500	100	15	0.149	1.43	8.10	0.23	0.98	10.76	0.49	6.32	17.57
Levee Splitter (1/80	2 blade	2WD 150	6,760	50	10	0.004	0.04	0.11	0.00	0.01	0.17	0.06	0.09	0.32
Lo-Till & Bed	4R-38	MFWD 190	5,100	150	12	0.145	1.39	4.98	0.26	0.58	7.22	0.48	3.71	11.42
Middle Buster	6R-38	MFWD 150	11,700	160	8	0.120	1.15	3.24	0.32	0.45	5.18	1.05	2.80	9.04
Middle Buster	8R-30	MFWD 190	17,110	160	8	0.114	1.09	3.90	0.45	0.45	5.91	1.46	2.91	10.29
Middle Buster	8R-38	MFWD 190	15,500	160	8	0.090	0.86	3.08	0.32	0.35	4.64	1.04	2.30	7.99
Middle Buster	8R-40 2x1	MFWD 190	25,900	160	8	0.060	0.57	2.05	0.36	0.23	3.23	1.16	1.53	5.93
Middle Buster	10R-30	MFWD 225	27,000	160	8	0.091	0.87	3.70	0.57	0.54	5.70	1.84	3.48	11.04
Middle Buster	10R-38	MFWD 225	29,500	160	8	0.072	0.69	2.92	0.49	0.42	4.53	1.59	2.75	8.88
Middle Buster	12R-38	MFWD 225	25,900	160	8	0.060	0.57	2.43	0.36	0.35	3.73	1.16	2.29	7.19
Mulcher Plow	30'	MFWD 225	0	100	10	0.068	0.65	2.76	0.00	0.40	3.82	0.00	2.60	6.42
NT Grain Drill	12'	2WD 130	35,900	150	8	0.163	3.05	3.83	2.20	0.49	9.59	4.29	3.05	16.93
NT Grain Drill	15'	MFWD 150	40,100	150	8	0.130	2.44	3.53	1.96	0.49	8.45	3.83	3.05	15.34
NT Grain Drill	20'	MFWD 170	56,900	150	8	0.098	1.83	3.00	2.09	0.41	7.35	4.08	2.65	14.08
NT Grain Drill	24'	MFWD 190	75,400	150	8	0.081	1.52	2.80	2.31	0.32	6.96	4.50	2.08	13.56
NT Grain Drill	30'	MFWD 225	88,000	150	8	0.065	1.22	2.65	2.16	0.39	6.42	4.20	2.50	13.13
NT Grain Drill & Pre	12'	2WD 130	41,000	150	8	0.176	3.28	4.12	2.71	0.53	10.66	5.28	3.28	19.23
NT Grain Drill & Pre	15'	MFWD 150	45,200	150	8	0.141	2.63	3.81	2.39	0.53	9.37	4.65	3.29	17.31
NT Grain Drill & Pre	20'	MFWD 170	62,100	150	8	0.105	1.97	3.23	2.46	0.44	8.12	4.79	2.85	15.77
NT Grain Drill & Pre	24'	MFWD 190	80,500	150	8	0.088	1.64	3.01	2.66	0.35	7.67	5.18	2.24	15.10
NT Grain Drill & Pre	30'	MFWD 225	93,100	150	8	0.070	1.31	2.85	2.46	0.42	7.05	4.79	2.69	14.54
NT Plant&Pre-Folding	8R-38	MFWD 170	44,300	150	8	0.083	1.56	2.56	1.38	0.35	5.86	2.70	2.25	10.82

Appendix Table 4. Implements: estimated purchase price, annual use, useful life, performance rate, (Continued) and direct and fixed cost per acre, Louisiana 2012.

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-Folding	8R-38	MFWD 170	39,300	150	8	0.077	1.44	2.37	1.14	0.32	5.29	2.22	2.09	9.62
NT Plant-Folding	8R-38 2x1	MFWD 170	64,000	150	8	0.051	0.96	1.58	1.24	0.21	4.00	2.41	1.39	7.81
NT Plant-Folding	10R-30	MFWD 190	52,061	150	8	0.078	1.46	2.68	1.53	0.31	6.00	2.98	2.00	10.99
NT Plant-Folding	10R-38	MFWD 190	47,646	150	8	0.061	1.15	2.12	1.10	0.24	4.63	2.15	1.57	8.36
NT Plant-Folding	12R-20	MFWD 190	62,800	150	8	0.098	1.83	3.36	2.31	0.39	7.89	4.50	2.50	14.90
NT Plant-Folding	12R-30	MFWD 190	65,600	150	8	0.065	1.22	2.24	1.61	0.26	5.33	3.13	1.66	10.14
NT Plant-Folding	12R-38	MFWD 190	64,000	150	8	0.065	0.96	1.76	1.24	0.20	4.18	2.41	1.31	7.91
NT Plant-Folding	16R-30	MFWD 190	86,400	150	8	0.049	0.91	1.68	1.59	0.19	4.38	3.09	1.25	8.73
NT Plant-Folding	23R-15	MFWD 190	112,000	150	8	0.068	1.27	2.33	2.86	0.27	6.74	5.58	1.73	14.06
NT Plant-Folding	24R-20	MFWD 190	127,000	150	8	0.049	0.91	1.68	2.33	0.19	5.13	4.55	1.25	10.93
NT Plant-Folding	24R-30	MFWD 190	143,000	150	8	0.032	0.61	1.12	1.75	0.13	3.61	3.42	0.83	7.87
NT Plant-Rigid	4R-30	2WD 130	20,600	150	8	0.196	3.66	4.60	1.51	0.59	10.38	2.95	3.66	17.00
NT Plant-Rigid	4R-38	2WD 130	22,100	150	8	0.154	2.88	3.62	1.28	0.47	8.26	2.49	2.88	13.64
NT Plant-Rigid	6R-30	MFWD 150	29,500	150	8	0.130	2.44	3.53	1.44	0.49	7.93	2.82	3.05	13.80
NT Plant-Rigid	6R-38	MFWD 150	27,000	150	8	0.103	1.92	2.79	1.04	0.39	6.16	2.03	2.41	10.61
NT Plant-Rigid	8R-22	MFWD 170	21,142	150	8	0.133	2.49	4.09	1.05	0.56	8.20	2.06	3.60	13.87
NT Plant-Rigid	8R-30	MFWD 170	36,200	150	8	0.098	1.83	3.00	1.33	0.41	6.58	2.59	2.65	11.83
NT Plant-Rigid	8R-38	MFWD 170	32,500	150	8	0.077	1.44	2.37	0.94	0.32	5.10	1.84	2.09	9.03
NT Plant-Rigid	10R-30	MFWD 190	34,700	150	8	0.078	1.46	2.68	1.02	0.31	5.49	1.99	2.00	9.48
NT Plant-Rigid	12R-20	MFWD 190	45,400	150	8	0.098	1.83	3.36	1.67	0.39	7.25	3.25	2.50	13.01
NT Plant-Rigid	12R-30	MFWD 190	52,200	150	8	0.065	1.22	2.24	1.28	0.26	5.00	2.49	1.66	9.17
Paratill & Bed	4R-30	MFWD 225	14,300	150	12	0.204	1.96	8.28	1.05	1.21	12.51	1.68	7.80	22.18
Paratill & Bed	4R-38	MFWD 225	13,200	150	12	0.160	1.54	6.52	0.76	0.96	9.79	1.35	6.14	17.29
Paratill & Bed	6R-30	MFWD 225	19,000	150	12	0.136	1.30	5.52	0.93	0.81	8.57	1.65	5.20	15.43
Paratill & Bed	6R-38	MFWD 225	18,400	150	12	0.107	1.03	4.35	0.71	0.64	6.74	1.26	4.10	12.11
Paratill & Bed	8R-30	MFWD 225	24,300	150	12	0.102	0.98	4.14	0.89	0.60	6.62	1.58	3.90	12.11
Paratill & Bed	8R382X1	MFWD 225	69,100	150	12	0.053	0.51	2.17	1.34	0.32	4.35	2.37	2.05	8.78
Paratill & Bed Fold.	8R-38	MFWD 225	54,000	150	12	0.080	0.77	3.27	1.57	0.48	6.10	2.78	3.08	11.97
Paratill & Bed Fold.	12R-38	MFWD 225	69,100	150	12	0.053	0.51	2.17	1.34	0.32	4.35	2.37	2.05	8.78
Paratill & Bed Rigid	8R-38	MFWD 225	24,800	150	12	0.080	0.77	3.27	0.72	0.48	5.25	1.27	3.08	9.61
Pipe Drag	30'	2WD 150	500	100	12	0.051	0.49	1.39	0.00	0.18	2.08	0.02	1.11	3.23
Pipe Spool 160ac	1/4m roll	2WD 130	3,380	15	12	0.003	0.08	0.07	0.00	0.00	0.17	0.06	0.05	0.30
Pipe Trailer 1m/160a	30'	2WD 130	1,240	100	15	0.003	0.17	0.08	0.00	0.01	0.27	0.00	0.06	0.34
Plant & Pre Folding	8R-38	MFWD 170	40,100	150	8	0.080	1.49	2.45	1.20	0.33	5.50	2.35	2.16	10.01
Plant & Pre Folding	8R38 2x1	MFWD 170	64,200	150	8	0.053	0.99	1.63	1.28	0.22	4.14	2.50	1.44	8.09
Plant & Pre Folding	10R-30	MFWD 190	52,920	150	8	0.081	1.51	2.78	1.61	0.32	6.23	3.14	2.07	11.44
Plant & Pre Folding	10R-38	MFWD 190	48,258	150	8	0.064	1.19	2.19	1.15	0.25	4.80	2.25	1.63	8.69
Plant & Pre Folding	12R-20	MFWD 190	61,500	150	8	0.101	1.89	3.47	2.34	0.40	8.11	4.56	2.58	15.26
Plant & Pre Folding	12R-30	MFWD 190	64,300	150	8	0.067	1.26	2.31	1.63	0.26	5.48	3.17	1.72	10.38
Plant & Pre Folding	12R-38	MFWD 190	64,200	150	8	0.053	0.99	1.82	1.28	0.21	4.32	2.50	1.36	8.19
Plant & Pre Folding	16R-30	MFWD 190	84,500	150	8	0.050	0.94	1.73	1.60	0.20	4.49	3.13	1.29	8.92
Plant & Pre Folding	23R-15	MFWD 190	105,000	150	8	0.070	1.31	2.41	2.77	0.28	6.78	5.40	1.79	13.99
Plant & Pre Folding	24R-20	MFWD 190	121,000	150	8	0.050	0.94	1.73	2.30	0.20	5.19	4.48	1.29	10.97
Plant & Pre Folding	24R-30	MFWD 190	140,000	150	8	0.033	0.63	1.15	1.77	0.13	3.70	3.46	0.86	8.02
Plant & Pre Rigid	4R-30	2WD 130	23,500	150	8	0.203	3.78	4.75	1.78	0.61	10.95	3.48	3.78	18.22
Plant & Pre Rigid	4R-38	2WD 130	25,000	150	8	0.159	2.98	3.74	1.49	0.48	8.71	2.92	2.98	14.61
Plant & Pre Rigid	6R-30	MFWD 150	32,400	150	8	0.135	2.52	3.65	1.64	0.51	8.34	3.20	3.15	14.70
Plant & Pre Rigid	6R-38	MFWD 150	28,900	150	8	0.106	1.99	2.88	1.15	0.40	6.44	2.25	2.49	11.19
Plant & Pre Rigid	8R-22	MFWD 170	23,550	150	8	0.138	2.57	4.23	1.22	0.58	8.61	2.37	3.72	14.71
Plant & Pre Rigid	8R-30	MFWD 170	37,000	150	8	0.101	1.89	3.10	1.40	0.42	6.84	2.74	2.74	12.32
Plant & Pre Rigid	8R-38	MFWD 170	33,300	150	8	0.080	1.49	2.45	1.00	0.33	5.29	1.95	2.16	9.41
Plant & Pre Rigid	10R-30	MFWD 190	34,400	150	8	0.081	1.51	2.78	1.04	0.32	5.66	2.04	2.07	9.77
Plant & Pre Rigid	12R-20	MFWD 190	44,100	150	8	0.101	1.89	3.47	1.67	0.40	7.45	3.27	2.58	13.31
Plant & Pre Rigid	12R-30	MFWD 190	50,900	150	8	0.067	1.26	2.31	1.29	0.26	5.14	2.51	1.72	9.38
Plant - Folding	8R-38	MFWD 170	35,100	150	8	0.074	1.39	2.28	0.98	0.31	4.96	1.91	2.01	8.89
Plant - Folding	8R-38 2x1	MFWD 170	57,700	150	8	0.049	0.92	1.51	1.07	0.20	3.72	2.09	1.33	7.16
Plant - Folding	10R-30	MFWD 190	47,426	150	8	0.075	1.40	2.58	1.34	0.30	5.63	2.61	1.92	10.16
Plant - Folding	10R-38	MFWD 190	43,011	150	8	0.059	1.11	2.03	0.95	0.23	4.34	1.86	1.51	7.72
Plant - Folding	12R-20	MFWD 190	56,500	150	8	0.094	1.75	3.22	1.99	0.37	7.36	3.89	2.40	13.65
Plant - Folding	12R-30	MFWD 190	59,300	150	8	0.062	1.17	2.15	1.39	0.25	4.97	2.72	1.60	9.29
Plant - Folding	12R-38	MFWD 190	57,700	150	8	0.049	0.92	1.69	1.07	0.19	3.89	2.09	1.26	7.25
Plant - Folding	16R-30	MFWD 190	77,900	150	8	0.047	0.87	1.61	1.37	0.18	4.05	2.68	1.20	7.94
Plant - Folding	23R-15	MFWD 190	99,600	150	8	0.065	1.22	2.24	2.44	0.26	6.16	4.76	1.66	12.60
Plant - Folding	24R-20	MFWD 190	115,000	150	8	0.047	0.87	1.61	2.03	0.18	4.71	3.96	1.20	9.87
Plant - Folding	24R-30	MFWD 190	130,000	150	8	0.031	0.58	1.07	1.53	0.12	3.31	2.98	0.80	7.10
Plant - Rigid	4R-30	2WD 130	18,500	150	8	0.188	3.51	4.41	1.30	0.57	9.81	2.54	3.51	15.88
Plant - Rigid	4R-38	2WD 130	20,000	150	8	0.148	2.77	3.47	1.11	0.45	7.81	2.16	2.76	12.75
Plant - Rigid	6R-30	MFWD 150	27,400	150	8	0.125	2.34	3.39	1.29	0.47	7.51	2.51	2.93	12.96
Plant - Rigid	6R-38	MFWD 150	23,900	150	8	0.099	1.85	2.68	0.88	0.37	5.80	1.73	2.31	9.85
Plant - Rigid	8R-22	MFWD 170	18,473	150	8	0.127	2.38	3.91	0.88	0.53	7.72	1.72	3.45	12.90
Plant - Rigid	8R-30	MFWD 170	32,000	150	8	0.094	1.75	2.88	1.13	0.39	6.17	2.20	2.54	10.92
Plant - Rigid	8R-38	MFWD 170	28,300	150	8	0.074	1.39	2.28	0.79	0.31	4.77	1.54	2.01	8.33
Plant - Rigid	10R-30	MFWD 190	29,400	150	8	0.075	1.40	2.58	0.83	0.30	5.12	1.62	1.92	8.66
Plant - Rigid	12R-20	MFWD 190	39,100	150	8	0.094	1.75	3.22	1.38	0.37	6.74	2.69	2.40	11.84
Plant - Rigid	12R-30	MFWD 190	45,900	150	8	0.062	1.17	2.15	1.08	0.25	4.65	2.10	1.60	8.36
Plant - Rigid	15R-15	2WD 150	45,100	150	8	0.094	1.75	2.54	1.59	0.33	6.23	3.10	2.03	11.37
Pull Levee (1m/80a))	4 blade	2WD 50	3,180	100	10	0.003	0.03	0.03	0.00	0.00	0.07	0.01	0.01	0.10

Appendix Table 4. Implements: estimated purchase price, annual use, useful life, performance rate, (Continued) and direct and fixed cost per acre, Louisiana 2012.

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	16,979	200	12	0.057	0.54	1.95	0.26	0.22	2.99	0.46	1.45	4.91
Rice Grain Cart	700 Bu	MFWD 190	23,337	200	12	0.063	0.60	2.17	0.40	0.25	3.43	0.70	1.61	5.76
Roller	32'	MFWD 170	12,595	100	12	0.046	0.44	1.42	0.09	0.19	2.17	0.56	1.25	3.99
Rotary Cutter	7'	MFWD 130	3,950	185	10	0.168	1.61	3.94	0.53	0.51	6.61	0.38	3.15	10.15
Rotary Cutter	12'	2WD 150	10,800	185	10	0.098	0.94	2.65	0.86	0.34	4.80	0.61	2.12	7.54
Rotary Cutter	15'	MFWD 150	17,700	185	10	0.078	0.75	2.12	1.12	0.29	4.30	0.80	1.83	6.94
Row Cond & Inc	13'	2WD 130	11,400	100	10	0.137	1.94	3.23	0.39	0.42	5.99	1.69	2.57	10.25
Row Cond & Inc	21'	2WD 170	15,200	100	10	0.085	1.20	2.61	0.32	0.31	4.46	1.39	2.03	7.89
Row Cond & Inc	26'	MFWD 190	16,600	100	10	0.063	0.89	2.17	0.26	0.25	3.58	1.13	1.61	6.32
Row Cond & Inc	38'	MFWD 225	27,300	100	10	0.047	0.66	1.91	0.32	0.28	3.18	1.38	1.80	6.37
Row Cond & Inc	42'	MFWD 225	20,400	100	10	0.040	0.56	1.62	0.20	0.23	2.64	0.88	1.53	5.05
Row Cond (Harrow)	13'	2WD 130	6,310	100	10	0.114	1.10	2.69	0.18	0.34	4.32	0.77	2.14	7.24
Row Cond (Harrow)	21'	2WD 170	10,100	100	10	0.071	0.68	2.17	0.17	0.26	3.30	0.77	1.69	5.76
Row Cond (Harrow)	27'	MFWD 190	11,500	100	10	0.057	0.55	1.96	0.16	0.22	2.91	0.71	1.46	5.08
Row Cond (Harrow)	38'	MFWD 225	22,200	100	10	0.039	0.37	1.59	0.21	0.23	2.42	0.93	1.50	4.86
Row Cond (Harrow)	42'	MFWD 225	15,582	100	10	0.035	0.34	1.44	0.13	0.21	2.13	0.59	1.35	4.08
Row Cond (Plant)	13'	2WD 130	5,032	100	10	0.157	1.50	3.68	0.19	0.47	5.86	0.85	2.93	9.64
Row Cond (Plant)	21'	2WD 170	7,710	100	10	0.097	0.93	2.97	0.18	0.36	4.46	0.80	2.31	7.58
Row Cond (Plant)	27'	MFWD 190	9,476	100	10	0.078	0.75	2.69	0.18	0.31	3.94	0.80	2.00	6.74
Row Cond (Plant)	38'	MFWD 225	16,587	100	10	0.053	0.51	2.17	0.22	0.32	3.23	0.95	2.05	6.25
Row Cond (Plant)	42'	MFWD 225	15,582	100	10	0.048	0.46	1.97	0.18	0.29	2.91	0.81	1.85	5.59
RT Cult (Early)	8R-30	2WD 170	20,774	200	12	0.103	0.99	3.15	1.02	0.38	5.55	1.05	2.45	9.07
RT Cult (Early)	12R-30	2WD 190	29,998	200	12	0.068	0.66	2.35	0.98	0.30	4.30	1.02	1.96	7.29
RT Cult (Late)	8R-30	2WD 170	20,774	200	12	0.128	1.23	3.94	1.28	0.47	6.94	1.32	3.06	11.34
RT Cult (Late)	12R-30	2WD 190	29,998	200	12	0.085	0.82	2.94	1.23	0.38	5.38	1.27	2.45	9.11
RT Cult + PD (Early)	8R-30	2WD 150	26,264	200	12	0.110	1.55	2.97	1.38	0.38	6.29	1.42	2.37	10.10
RT Cult + PD (Early)	12R-30	MFWD 225	35,493	200	12	0.073	1.03	2.97	1.24	0.43	5.69	1.28	2.80	9.78
RT Cult + PD (Late)	8R-30	2WD 170	26,264	200	12	0.137	1.94	4.21	1.73	0.51	8.39	1.78	3.27	13.45
RT Cult + PD (Late)	12R-30	2WD 190	35,493	200	12	0.091	1.29	3.13	1.55	0.40	6.40	1.60	2.62	10.63
Spin Spreader	5 ton	MFWD 190	11,300	100	8	0.042	0.78	1.44	0.26	0.16	2.66	0.54	1.07	4.28
Spin Spreader	5 ton	MFWD 190	11,300	100	8	0.042	0.78	1.44	0.26	0.16	2.66	0.54	1.07	4.28
Spray (Band)	27'	MFWD 170	5,110	200	8	0.062	0.88	1.91	0.15	0.26	3.21	0.18	1.69	5.09
Spray (Band)	40'	MFWD 170	6,350	200	8	0.042	0.59	1.29	0.12	0.17	2.19	0.15	1.14	3.49
Spray (Band)	50'	MFWD 170	8,820	200	8	0.033	0.47	1.03	0.13	0.14	1.79	0.17	0.91	2.88
Spray (Band)	53'	MFWD 170	5,800	200	8	0.031	0.45	0.97	0.08	0.13	1.65	0.10	0.86	2.61
Spray (Band)	60'	MFWD 170	11,100	200	8	0.028	0.39	0.86	0.14	0.11	1.52	0.17	0.76	2.46
Spray (Bcast/HB)	13' Rigid	MFWD 150	4,860	200	8	0.130	1.83	3.51	0.29	0.49	6.15	0.36	3.03	9.55
Spray (Bcast/HB)	20' Rigid	2WD 50	5,570	200	8	0.084	1.19	0.76	0.22	0.06	2.24	0.27	0.41	2.92
Spray (Bcast/HB)	27' Fold	MFWD 170	9,640	200	8	0.062	0.88	1.91	0.28	0.26	3.35	0.34	1.69	5.39
Spray (Bcast/HB)	27' Rigid	MFWD 170	6,410	200	8	0.062	0.88	1.91	0.18	0.26	3.25	0.23	1.69	5.18
Spray (Bcast/HB)	30' Fold	MFWD 170	13,300	200	8	0.056	0.79	1.72	0.35	0.23	3.11	0.43	1.52	5.06
Spray (Bcast/HB)	40' Fold	MFWD 170	13,500	200	8	0.042	0.59	1.29	0.26	0.17	2.33	0.32	1.14	3.80
Spray (Bcast/HB/HD)	27'	MFWD 170	20,500	200	8	0.062	0.88	1.91	0.60	0.26	3.67	0.73	1.69	6.10
Spray (Bcast/HB/HD)	40'	MFWD 170	24,400	200	8	0.042	0.59	1.29	0.48	0.17	2.55	0.59	1.14	4.29
Spray (Broadcast)	27'	MFWD 170	5,110	200	8	0.062	0.88	1.91	0.15	0.26	3.21	0.18	1.69	5.09
Spray (Broadcast)	40'	MFWD 170	6,350	200	8	0.042	0.59	1.29	0.12	0.17	2.19	0.15	1.14	3.49
Spray (Broadcast)	50'	MFWD 170	8,820	200	8	0.033	0.47	1.03	0.13	0.14	1.79	0.17	0.91	2.88
Spray (Broadcast)	53'	MFWD 170	5,800	200	8	0.031	0.45	0.97	0.08	0.13	1.65	0.10	0.86	2.61
Spray (Broadcast)	60'	MFWD 170	11,100	200	8	0.028	0.39	0.86	0.14	0.11	1.52	0.17	0.76	2.46
Spray (Direct/Hood)	8R-30	MFWD 170	14,700	200	8	0.084	1.19	2.59	0.58	0.35	4.72	0.71	2.28	7.72
Spray (Direct/Hood)	8R-38	MFWD 170	16,000	200	8	0.066	0.94	2.04	0.50	0.28	3.77	0.61	1.80	6.19
Spray (Direct/Hood)	12R-30	MFWD 170	18,700	200	8	0.056	0.79	1.72	0.49	0.23	3.25	0.60	1.52	5.38
Spray (Direct/Hood)	12R-38	MFWD 170	19,200	200	8	0.044	0.62	1.36	0.40	0.18	2.58	0.49	1.20	4.27
Spray (Direct/Layby)	8R-30	MFWD 170	10,500	200	8	0.084	1.19	2.59	0.41	0.35	4.56	0.50	2.28	7.35
Spray (Direct/Layby)	8R-38	MFWD 170	11,300	200	8	0.066	0.94	2.04	0.35	0.28	3.63	0.43	1.80	5.86
Spray (Direct/Layby)	8R-38 2x1	MFWD 170	16,700	200	8	0.044	0.62	1.36	0.34	0.18	2.52	0.42	1.20	4.15
Spray (Direct/Layby)	10R-30	MFWD 170	12,200	200	8	0.067	0.95	2.07	0.38	0.28	3.70	0.47	1.82	6.00
Spray (Direct/Layby)	12R-30	MFWD 170	14,700	200	8	0.056	0.79	1.72	0.38	0.23	3.15	0.47	1.52	5.14
Spray (Direct/Layby)	12R-38	MFWD 170	16,700	200	8	0.044	0.62	1.36	0.34	0.18	2.52	0.42	1.20	4.15
Spray (Direct/Layby)	16R-20	MFWD 170	9,840	200	8	0.063	0.89	1.94	0.29	0.26	3.39	0.35	1.71	5.46
Spray (Spot)	27'	MFWD 170	5,110	200	8	0.062	0.88	1.91	0.15	0.26	3.21	0.18	1.69	5.09
Spray (Spot)	40'	MFWD 170	6,350	200	8	0.042	0.59	1.29	0.12	0.17	2.19	0.15	1.14	3.49
Spray (Spot)	50'	MFWD 170	8,820	200	8	0.033	0.47	1.03	0.13	0.14	1.79	0.17	0.91	2.88
Spray (Spot)	53'	MFWD 170	5,800	200	8	0.031	0.45	0.97	0.08	0.13	1.65	0.10	0.86	2.61
Spray (Spot)	60'	MFWD 170	11,100	200	8	0.028	0.39	0.86	0.14	0.11	1.52	0.17	0.76	2.46
Stalk Shredder	14'	MFWD 150	12,400	200	10	0.117	1.13	3.18	1.27	0.44	6.04	0.78	2.75	9.58
Stalk Shredder	20'	MFWD 150	30,500	200	10	0.082	0.79	2.22	2.20	0.31	5.53	1.35	1.92	8.81
Stalk Shredder-Flail	12'	MFWD 150	14,800	200	10	0.137	1.32	3.71	1.78	0.52	7.34	1.09	3.20	11.64
Stalk Shredder-Flail	20'	MFWD 150	24,100	200	10	0.082	0.79	2.22	1.73	0.31	5.07	1.06	1.92	8.06
Subsoiler	3 shank	MFWD 190	3,250	100	15	0.204	1.96	6.99	0.22	0.81	9.99	0.56	5.20	15.75
Subsoiler	4 shank	MFWD 225	7,340	100	15	0.153	1.47	6.22	0.37	0.91	8.99	0.95	5.86	15.81
Subsoiler	5 shank	MFWD 225	7,070	100	15	0.122	1.17	4.95	0.28	0.73	7.15	0.72	4.67	12.55
Subsoiler low-till	4 shank	MFWD 225	10,580	100	15	0.153	1.47	6.22	0.54	0.91	9.16	1.37	5.86	16.39
Subsoiler low-till	6 shank	MFWD 225	15,100	100	15	0.102	0.98	4.14	0.51	0.60	6.24	1.30	3.90	11.44
Subsoiler low-till	8 shank	MFWD 225	19,250	100	15	0.076	0.73	3.10	0.49	0.45	4.78	1.24	2.92	8.94
TerraTill Bed w/roll	4R-38	MFWD 225	14,300	150	12	0.160	1.54	6.52	0.83	0.96	9.85	1.47	6.14	17.47

Appendix Table 4. Implements: estimated purchase price, annual use, useful life, performance rate, (Continued) and direct and fixed cost per acre, Louisiana 2012.

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost
									Imp.	P.U.		Imp.	P.U.	
			dollars	hours	years	hr/ac	-----\$/acre-----							
TerraTill Bed w/roll	6R-38	MFWD 225	19,400	150	12	0.107	1.03	4.35	0.75	0.64	6.78	1.33	4.10	12.22
TerraTill Bed w/roll	4R-30	MFWD 225	14,300	150	12	0.204	1.96	8.28	1.05	1.21	12.51	1.86	7.80	22.18
TerraTill Bed w/roll	6R-30	MFWD 225	15,310	150	12	0.136	1.30	5.52	0.75	0.81	8.39	1.33	5.20	14.93
Boll Buggy-1st Pick	2R38"157hp	MFWD 190	25,891	200	10	0.519	4.98	17.78	3.36	2.07	28.20	6.96	13.24	48.42
Boll Buggy-1st pick	4R2x1260hp	MFWD 190	25,891	200	10	0.172	1.65	5.89	1.11	0.68	9.35	2.31	4.39	16.05
Boll Buggy-1st pick	4R30"255hp	MFWD 190	23,000	200	10	0.327	3.14	11.20	1.88	1.30	17.53	3.89	8.34	29.78
Boll Buggy-1st pick	4R30"325hp	MFWD 190	23,000	200	10	0.327	3.14	11.20	1.88	1.30	17.53	3.89	8.34	29.78
Boll Buggy-1st pick	4R38"255hp	MFWD 190	23,000	200	10	0.257	2.47	8.82	1.48	1.02	13.80	3.07	6.57	23.44
Boll Buggy-1st pick	4R38"325hp	MFWD 190	23,000	200	10	0.257	2.47	8.82	1.48	1.02	13.80	3.07	6.57	23.44
Boll Buggy-1st pick	5R30"255hp	MFWD 190	23,000	200	10	0.261	2.51	8.96	1.50	1.04	14.02	3.11	6.67	23.82
Boll Buggy-1st pick	5R38"255hp	MFWD 190	23,000	200	10	0.207	1.98	7.09	1.19	0.82	11.09	2.46	5.28	18.84
Boll Buggy-1st pick	6R30"325hp	MFWD 190	23,000	200	10	0.218	2.09	7.47	1.25	0.86	11.69	2.59	5.56	19.85
Boll Buggy-1st pick	6R38"325hp	MFWD 190	23,000	200	10	0.172	1.65	5.89	0.99	0.68	9.22	2.05	4.39	15.67
Boll Buggy-2nd pick	2R38"157hp	MFWD 190	25,891	200	10	0.440	4.22	15.06	2.84	1.75	23.89	5.90	11.22	41.01
Boll Buggy-2nd pick	4R2x1260hp	MFWD 190	25,891	200	10	0.145	1.40	4.99	0.94	0.58	7.92	1.95	3.72	13.60
Boll Buggy-2nd pick	4R30"255hp	MFWD 190	25,530	200	10	0.277	2.66	9.49	1.76	1.10	15.02	3.66	7.06	25.76
Boll Buggy-2nd pick	4R30"325hp	MFWD 190	25,530	200	10	0.277	2.66	9.49	1.76	1.10	15.02	3.66	7.06	25.76
Boll Buggy-2nd pick	4R38 255hp	MFWD 190	25,530	200	10	0.218	2.09	7.47	1.39	0.86	11.83	2.88	5.56	20.28
Boll Buggy-2nd pick	4R38 325hp	MFWD 190	25,530	200	10	0.218	2.09	7.47	1.39	0.86	11.83	2.88	5.56	20.28
Boll Buggy-2nd pick	5R30"255hp	MFWD 190	25,530	200	10	0.221	2.12	7.59	1.41	0.88	12.02	2.93	5.65	20.61
Boll Buggy-2nd pick	5R38"255hp	MFWD 190	25,530	200	10	0.175	1.68	6.00	1.12	0.69	9.51	2.32	4.47	16.30
Boll Buggy-2nd pick	6R30"325hp	MFWD 190	25,530	200	10	0.184	1.77	6.32	1.17	0.73	10.01	2.44	4.71	17.17
Boll Buggy-2nd pick	6R38"325hp	MFWD 190	25,530	200	10	0.145	1.40	4.99	0.93	0.58	7.90	1.92	3.72	13.56
Boll Buggy-Stripper	13' Bcast	MFWD 150	24,300	200	10	0.251	2.41	6.80	1.52	0.96	11.71	3.16	5.87	20.75
Boll Buggy-Stripper	16' Bcast	MFWD 150	24,300	200	10	0.204	1.96	5.52	1.24	0.78	9.51	2.57	4.77	16.86
Boll Buggy-Stripper	19' Bcast	MFWD 150	24,300	200	10	0.172	1.65	4.65	1.04	0.65	8.01	2.16	4.02	14.20
Boll Buggy-Stripper	4R30"2X1Br	MFWD 150	24,300	200	10	0.218	2.09	5.89	1.32	0.83	10.15	2.74	5.09	17.99
Boll Buggy-Stripper	4R30"Brush	MFWD 150	26,045	200	10	0.327	3.14	8.84	2.13	1.24	15.36	4.41	7.64	27.42
Boll Buggy-Stripper	4R38"2X1Br	MFWD 150	23,000	200	10	0.172	1.65	4.65	0.99	0.65	7.95	2.05	4.02	14.03
Boll Buggy-Stripper	4R38"Brush	MFWD 150	24,300	200	10	0.257	2.47	6.96	1.56	0.98	11.98	3.24	6.01	21.24
Boll Buggy-Stripper	5R30"Brush	MFWD 150	23,000	200	10	0.261	2.51	7.07	1.50	0.99	12.09	3.11	6.11	21.32
Boll Buggy-Stripper	5R38"Brush	MFWD 150	24,300	200	10	0.207	1.98	5.59	1.25	0.78	9.63	2.60	4.83	17.08
Boll Buggy-Stripper	6R30"Brush	MFWD 150	24,300	200	10	0.218	2.09	5.89	1.32	0.83	10.15	2.74	5.09	17.99