2009
Projected
Commodity
Costs
And
Returns

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

Kenneth W. Paxton

LSU AgCenter Research & Extension

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PROJECTED COSTS AND RETURNS COTTON, SOYBEANS, CORN, GRAIN SORGHUM AND WHEAT, NORTHEAST LOUISIANA, 2009

by

Kenneth W. Paxton

Louisiana State University Agricultural Center
William B. Richardson, Chancellor

Louisiana Agricultural Experiment Station
David J. Boethel, Vice-Chancellor and Director

Department of Agricultural Economics and Agribusiness
Gail L. Cramer, Head

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PROJECTED COSTS AND RETURNS - COTTON, SOYBEANS, CORN, GRAIN SORGHUM AND WHEAT, NORTHEAST LOUISIANA, 2009

by

Kenneth W. Paxton[1]

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 2009. Estimating production costs is a critical first step in developing a marketing plan and the budgets presented here provide a framework for making those estimates. While the budgets presented here are based on our best estimate of representative production practices, they will not fit every situation. Individuals utilizing these budgets should modify them to reflect data for their own operation. In addition to producers, extension agents, financial institution, and other researchers should find the information in this report useful.

ENTERPRISE BUDGETS

The enterprise budgets are presented in two 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 that category. The other format presents a detailed listing of the operations, the equipment size and the associated power unit along with the date performed and the associated costs for tractor, machinery and materials. Together these formats provide the detailed information necessary to adjust budgets to individual situations. Two additional outputs 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, irrigation systems, and operating inputs. These may also be used to modify budgets contained in this report or construct new enterprise budgets.

It should be noted that the enterprise budgets presented 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.

[1]Professor, Department of Agricultural Economics and Agribusiness, Louisiana Agricultural Experiment Station, Louisiana State University Agricultural Center, Baton Rouge.

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. 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 2009 for the alluvial soil areas of northeast 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 was approved in the Northeast area of the state and implemented in the fall of 1998. The eradication phase of the program has been completed and currently cotton producers pay an annual assessment for maintenance. The assessment is currently set at $6 per acre. Cotton budgets in this publication include the assessment as a cost of producing cotton for 2009.

Cotton Harvesting/Ginning

Harvesting costs shown in the budgets are based on using six-row cotton pickers. While four-row pickers continue to account for a significant share of picking capacity in the state, six-row pickers account for the dominate share. 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 $74 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. 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 2009 are presented for the alluvial soil area for two equipment size (8 and 12 row). The 8-row budgets are based on a 38 inch row while the 12-row budgets are based on a 20 inch row width. Soybean budgets for the Macon Ridge area are presented for silty soil type with 8-row equipment. One budget is presented for double-crop wheat and soybeans. Budgets are presented for producing soybeans utilizing the Roundup Ready ® technology. Budgets for irrigated soybean production are included for both the alluvial and Macon Ridge areas of Northeast 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 2009 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 Northeast 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, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
LA HIRED LABOR					
Tractors	hour	9.60	0.2930	2.81	_____
LA IRRIGATION LABOR					
Special Labor	hour	9.60	0.1500	1.44	_____
Implements	hour	9.60	0.0062	0.06	_____
DIESEL FUEL					
Tractors	gal	2.20	2.8274	6.23	_____
Engine, RPF, 75	gal	2.20	8.5535	18.81	_____
REPAIR & MAINTENANCE					
Implements	Acre	0.38	1.0000	0.38	_____
Tractors	Acre	1.07	1.0000	1.07	_____
Well & Pump, Furrow	each	324.00	0.0062	2.03	_____
Engine, RPF, 75	ac-in	0.22	10.5000	2.34	_____
INTEREST ON OP. CAP.	Acre	1.28	1.0000	1.28	_____

TOTAL DIRECT EXPENSES				43.05	_____
FIXED EXPENSES					
Implements	Acre	1.29	1.0000	1.29	_____
Tractors	Acre	8.25	1.0000	8.25	_____
Well & Pump, Furrow	each	1319.10	0.0062	8.24	_____
Main Line Pipe	each	928.65	0.0062	5.80	_____
Land Forming ($300)	each	29.31	1.0000	29.31	_____
Engine, RPF, 75	each	1056.70	0.0062	6.60	_____

TOTAL FIXED EXPENSES				59.49	_____

TOTAL SPECIFIED EXPENSES				102.54	_____

Table 2. Estimated costs per Acre, Center pivot irrigation system, 1/4 mile, applying 7.5 inches in three applications, Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
LA HIRED LABOR					
Special Labor	hour	9.60	0.2036	1.95	_____
DIESEL FUEL					
Engine, 1/4 CP, 65	gal	2.20	11.2011	24.64	_____
REPAIR & MAINTENANCE					
Well & Pump, 1/4 CP	each	324.00	0.0074	2.40	_____
Engine, 1/4 CP, 65	ac-in	0.33	7.5000	2.50	_____
Pivot, 1/4 CP	1320'	1100.00	0.0074	8.15	_____
INTEREST ON OP. CAP.	Acre	1.35	1.0000	1.35	_____

TOTAL DIRECT EXPENSES				40.99	_____
FIXED EXPENSES					
Well & Pump, 1/4 CP	each	1319.10	0.0074	9.77	_____
Engine, 1/4 CP, 65	each	951.03	0.0074	7.04	_____
Pivot, 1/4 CP	each	5811.90	0.0074	43.05	_____

TOTAL FIXED EXPENSES				59.86	_____

TOTAL SPECIFIED EXPENSES				100.85	_____

SUMMARY

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 2009 include the use of a module builder for all the cotton harvested. A mandatory checkoff charge of $2.25 per bale was included in the 2009 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, 2009.[A]

Crop Description	Yield per Acre	Unit	Total Income[A]	Total Direct Expenses	Returns Above Direct Expenses	Total Fixed Expenses	Total Specified Expenses[C]	Returns Above Specified Expenses
Alluvial Areas								
Cotton, 8-row, BGII/RRF, Dryland	850	Lbs. lint	442.00	521.97	-79.97	99.63	627.60	-179.60
Cotton, 12-row, BGII/RRF, Irrigated	1100	Lbs. lint	572.00	581.52	-9.52	154.03	735.55	-163.55
Macon Ridge Area								
Cotton, 8-row, BGII/RRF, Irrigated,	1000	Lbs. lint	520.00	575.97	-55.97	157.42	733.39	-213.39

[A]Cotton lint price of $0.52 per pound was used.
[B]Cottonseed revenue assumed to cover cost of ginning.
[C]Farm 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, 2009.[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	344.00	213.27	130.73	20.70	233.97	110.03
Soybeans, 12-row, RR, Irrigated	50	bu	430.00	249.72	180.28	82.01	331.73	98.27
Macon Ridge Area								
Soybeans, 8-row, Irrigated	45	bu	387.00	247.94	139.06	80.19	328.13	58.87

[A]Soybean price of $8.60 per bushel was used.
[B]Farm 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, 2009.[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	487.50	492.29	-4.79	36.22	528.51	-17.74
Corn grain, 8-row, RR, Irrigated	180	bu	585.00	552.05	32.95	95.98	648.03	-63.03
Corn grain, 8-row, BtRR, Irrigated	180	bu	585.00	550.62	34.38	95.71	646.33	-61.33
Grain sorghum, 8-row,	100	bu	300.00	291.18	8.82	25.91	317.09	-17.09
Wheat, 8-row, Drilled	60	bu	300.00	285.39	14.61	23.79	309.18	-9.18
Soybean-Wheat (dbl. crop), Owner	50 + 45	bu	637.00	562.17	74.83	97.56	659.73	-22.73

[A] Crop prices used were: $3.25 per bushel for corn, $3.00 per bushel for grain sorghum, $5.00 per bushel for wheat, and of $8.60 per bushel for soybeans.
[B]Farm overhead charges are not included in total specified expenses. Land costs are not included.

Table 6.A Estimated costs per Acre
BGII/Flex Cotton, 8-Row Equipment, Dryland
Alluvial Soil, Northeast Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (3 gal)	appl	4.75	5.0000	23.75	
App by Air (5 gal)	appl	5.75	1.0000	5.75	
HARVEST AIDS					
Dropp 50 WP	lb	45.45	0.2000	9.09	
Prep	pt	4.41	1.3300	5.87	
FERTILIZERS					
LA Phosphate	lb	0.88	15.0000	13.20	
LA Potash	lb	0.75	18.0000	13.50	
LA Nitrogen	lb	0.53	90.0000	47.70	
HERBICIDES					
Roundup WeatherMax	oz	0.50	88.0000	44.00	
2,4-D Amine 4	pt	1.82	1.0000	1.82	
Valor WP	oz	4.23	1.5000	6.35	
Cotoran 4L	pt	5.03	1.2000	6.04	
Dual II Magnum	pt	13.47	1.0000	13.47	
Layby Pro	qt	9.16	1.0000	9.16	
INSECTICIDES					
Ammo 2.5 EC	oz	0.72	1.2800	0.92	
Orthene 90S	lb	8.42	1.8700	15.75	
Centric 40WG	oz	4.45	6.0000	26.70	
Karate Z	oz	3.09	6.3900	19.75	
Bidrin 8L	oz	0.84	18.0000	15.12	
SEED/PLANTS					
Cotton Seed BGIIRRF	thous	0.52	52.5000	27.30	
TECHNOLOGY FEE					
BG II/RRF Tech Fee	cap/ac	66.00	1.0000	66.00	
Eradication Fee	acre	6.00	1.0000	6.00	
GROWTH REGULATORS					
Pix Plus	oz	0.28	8.0000	2.24	
SERVICE FEE					
Cotton Storage	bale	25.00	1.7700	44.25	
Insect Scouting	acre	9.00	1.0000	9.00	
Cotton Checkoff	lbs	0.00	850.0000	6.45	
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.1723	2.64	
LA HIRED LABOR					
Implements	hour	9.60	0.3364	3.22	
Tractors	hour	9.60	0.9887	9.48	
Self-Propelled	hour	9.60	0.2780	2.65	
DIESEL FUEL					
Tractors	gal	2.20	9.1366	20.11	
Self-Propelled	gal	2.20	3.8293	8.43	
REPAIR & MAINTENANCE					
Implements	Acre	7.97	1.0000	7.97	
Tractors	Acre	3.57	1.0000	3.57	
Self-Propelled	Acre	11.25	1.0000	11.25	
INTEREST ON OP. CAP.	Acre	19.49	1.0000	19.49	
TOTAL DIRECT EXPENSES				527.97	
FIXED EXPENSES					
Implements	Acre	16.72	1.0000	16.72	
Tractors	Acre	27.42	1.0000	27.42	
Self-Propelled	Acre	55.49	1.0000	55.49	
TOTAL FIXED EXPENSES				99.63	
TOTAL SPECIFIED EXPENSES				627.60	

Table 6.B Estimated resource use and costs for field operations, per Acre
BGII/Flex Cotton, 8-Row Equipment, Dryland
Alluvial Soil, Northeast Louisiana, 2009.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST DIRECT	POWER UNIT COST FIXED	EQUIPMENT COST DIRECT	EQUIPMENT COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING/DURABLE INPUT AMOUNT	OPERATING/DURABLE INPUT PRICE	OPERATING/DURABLE INPUT COST	TOTAL COST
						dollars					dollars			dollars	
Paratill & Bed Fold.	8R-38	MFWD 225	0.080	0.50	Nov	1.22	1.43	0.51	1.14	0.04	0.39				4.69
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	0.30	Nov	0.59	0.67	0.23	0.32	0.03	0.33				2.14
LA Phosphate	lb											15.0000	0.88	13.20	13.20
LA Potash	lb											18.0000	0.75	13.50	13.50
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Nov	1.86	2.12	0.30	0.99	0.07	0.71				5.98
Row Cond (Harrow)	27'	MFWD 190	0.057	1.00	Nov	1.45	1.64	0.14	0.72	0.05	0.55				4.50
Roller	32'	MFWD 170	0.046	1.00	Nov	1.07	1.32	0.10	0.71	0.04	0.45				3.65
Ditcher		2WD 130	0.020	1.00	Nov	0.34	0.36	0.04	0.06	0.02	0.19				0.99
Sprayer(600-750Gal)	60'		0.017	1.00	Mar	0.52	0.98			0.02	0.25				1.75
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
2,4-D Amine 4	pt											1.0000	1.82	1.82	1.82
Valor WP	oz											1.5000	4.23	6.35	6.35
Plant & Pre Folding	8R-38	MFWD 170	0.080	1.00	Apr	1.84	2.27	1.29	3.13	0.16	1.54				10.07
Cotoran 4L	pt											1.2000	5.03	6.04	6.04
Cotton Seed BGIIRRF	thous											52.5000	0.52	27.30	27.30
Ammo 2.5 EC	oz											1.2800	0.72	0.92	0.92
BG II/RRF Tech Fee	cap/ac											1.0000	66.00	66.00	66.00
Ditcher		2WD 130	0.020	1.00	Apr	0.34	0.36	0.04	0.06	0.02	0.19				0.99
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	1.96	2.22	0.76	1.07	0.11	1.12				7.13
LA Nitrogen	lb											90.0000	0.53	47.70	47.70
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.52	0.98			0.02	0.25				1.75
Orthene 90S	lb											0.2200	8.42	1.85	1.85
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
Dual II Magnum	pt											1.0000	13.47	13.47	13.47
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.52	0.98			0.02	0.25				1.75
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
Centric 40WG	oz											2.0000	4.45	8.90	8.90
Sprayer(600-750Gal)	60'		0.017	1.00	Jun	0.52	0.98			0.02	0.25				1.75
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
Orthene 90S	lb											0.5500	8.42	4.63	4.63
Centric 40WG	oz											2.0000	4.45	8.90	8.90
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.5500	8.42	4.63	4.63
Centric 40WG	oz											2.0000	4.45	8.90	8.90
Pix Plus	oz											4.0000	0.28	1.12	1.12
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jun	1.53	1.89	0.32	0.48	0.10	0.96				5.18
Layby Pro	qt											1.0000	9.16	9.16	9.16
Eradication Fee	acre			1.00	Jul							1.0000	6.00	6.00	6.00
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Karate Z	oz											2.1300	3.09	6.58	6.58
Bidrin 8L	oz											6.0000	0.84	5.04	5.04
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Karate Z	oz											2.1300	3.09	6.58	6.58
Bidrin 8L	oz											6.0000	0.84	5.04	5.04
Pix Plus	oz											4.0000	0.28	1.12	1.12
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Bidrin 8L	oz											6.0000	0.84	5.04	5.04
Karate Z	oz											2.1300	3.09	6.58	6.58
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.5500	8.42	4.63	4.63
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.75	5.75	5.75
Dropp 50 WP	lb											0.2000	45.45	9.09	9.09
Prep	pt											1.3300	4.41	5.87	5.87
Cotton Picker-1st-BB	6R38"330hp		0.172	1.00	Sep	17.60	51.57			0.34	4.29				73.46
Module Builder-1st	6R-38(325)	MFWD 190	0.172	1.00	Sep	4.35	4.93	1.53	3.95	0.34	3.30				18.06
Boll Buggy-1st pick	6R38"325hp	MFWD 190	0.172	1.00	Sep	4.35	4.93	1.12	2.89	0.17	1.65				14.94
Stalk Shredder-Flail	12'	MFWD 150	0.137	1.00	Nov	2.78	3.28	1.59	1.20	0.13	1.32				10.17
Cotton Storage	bale			1.00	Nov							1.7700	25.00	44.25	44.25
Insect Scouting	acre			1.00	Nov							1.0000	9.00	9.00	9.00
Cotton Checkoff	lbs			1.00	Nov							850.0000	0.00	6.45	6.45
TOTALS						43.36	82.91	7.97	16.72	1.77	17.99			439.16	608.11
INTEREST ON OPERATING CAPITAL															19.49
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															627.60

Table 6.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
BGII/Flex Cotton, 8-Row Equipment, Dryland
Alluvial Soil, Northeast Louisiana, 2009.

			BREAKEVEN PRICE									
Cotton Lint			0.29	0.31	0.33	0.36	0.39	0.43	0.48	0.54	0.62	0.72	0.87
PERCENT	YIELD	UNIT	dollars										
50	425.00	lb	-247	-238	-228	-216	-202	-185	-165	-139	-106	-61	0
			-347	-338	-328	-316	-302	-285	-264	-239	-205	-161	-99
60	510.00	lb	-223	-212	-200	-185	-168	-148	-123	-92	-53	0	74
			-322	-312	-299	-285	-268	-248	-223	-192	-152	-99	-25
70	595.00	lb	-198	-185	-171	-154	-135	-111	-82	-46	0	61	148
			-297	-285	-271	-254	-234	-211	-182	-146	-99	-37	49
80	680.00	lb	-173	-159	-142	-123	-101	-74	-41	0	53	123	223
			-273	-258	-242	-223	-201	-173	-140	-99	-46	24	123
90	765.00	lb	-148	-132	-114	-92	-67	-37	0	46	106	185	297
			-248	-232	-214	-192	-167	-136	-99	-53	6	86	197
100	850.00	lb	-123	-106	-85	-61	-33	0	41	92	159	247	371
			-223	-205	-185	-161	-133	-99	-58	-6	59	148	272
110	935.00	lb	-99	-79	-57	-30	0	37	82	139	212	309	446
			-198	-179	-156	-130	-99	-62	-17	39	112	210	346
120	1020.00	lb	-74	-53	-28	0	33	74	123	185	265	371	520
			-173	-152	-128	-99	-65	-25	24	86	165	272	420
130	1105.00	lb	-49	-26	0	30	67	111	165	232	318	433	594
			-149	-126	-99	-68	-32	11	65	132	218	334	495
140	1190.00	lb	-24	0	28	61	101	148	206	278	371	495	669
			-124	-99	-71	-37	1	49	106	179	272	395	569
150	1275.00	lb	0	26	57	92	135	185	247	325	424	557	743
			-99	-73	-42	-6	35	86	148	225	325	457	643

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

Table 6.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre
BGII/Flex Cotton, 8-Row Equipment, Dryland
Alluvial Soil, Northeast Louisiana, 2009.

			BREAKEVEN PRICE									
Cotton Lint			0.36	0.39	0.42	0.46	0.50	0.55	0.61	0.69	0.79	0.92	1.10
PERCENT	YIELD	UNIT	dollars										
50	425.00	lb	-214	-203	-190	-175	-157	-136	-109	-77	-35	21	99
			-314	-303	-290	-274	-257	-235	-209	-176	-134	-78	0
60	510.00	lb	-183	-169	-154	-136	-114	-88	-57	-18	32	99	193
			-282	-269	-253	-235	-214	-188	-157	-117	-67	0	94
70	595.00	lb	-151	-136	-117	-96	-71	-41	-5	40	99	178	288
			-251	-235	-217	-196	-171	-141	-104	-58	0	78	188
80	680.00	lb	-120	-102	-81	-57	-28	5	47	99	166	256	382
			-219	-202	-181	-157	-128	-94	-52	0	67	157	282
90	765.00	lb	-88	-68	-45	-18	13	52	99	158	234	335	476
			-188	-168	-145	-117	-85	-47	0	58	134	235	377
100	850.00	lb	-57	-35	-9	21	56	99	152	217	301	413	570
			-157	-134	-108	-78	-42	0	52	117	202	314	471
110	935.00	lb	-26	-1	27	60	99	146	204	276	368	492	665
			-125	-101	-72	-39	0	47	104	176	269	392	565
120	1020.00	lb	5	32	63	99	142	193	256	335	436	570	759
			-94	-67	-36	0	42	94	157	235	336	471	659
130	1105.00	lb	36	65	99	138	185	241	309	394	503	649	853
			-62	-33	0	39	85	141	209	294	404	549	754
140	1190.00	lb	68	99	135	178	228	288	361	453	570	728	948
			-31	0	36	78	128	188	261	353	471	628	848
150	1275.00	lb	99	133	172	217	271	335	413	512	638	806	1042
			0	33	72	117	171	235	314	412	538	707	942

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
BGII/Flex Cotton, Sandy Soil, 12-Row Equipment,
Irrigated, Alluvial Soil, Northeast Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (3 gal)	appl	4.75	5.0000	23.75	
App by Air (5 gal)	appl	5.75	1.0000	5.75	
HARVEST AIDS					
Dropp 50 WP	lb	45.45	0.2000	9.09	
Prep	pt	4.41	1.3300	5.87	
FERTILIZERS					
LA Phosphate	lb	0.88	15.0000	13.20	
LA Potash	lb	0.75	18.0000	13.50	
LA Nitrogen	lb	0.53	90.0000	47.70	
HERBICIDES					
Roundup WeatherMax	oz	0.50	88.0000	44.00	
2,4-D Amine 4	pt	1.82	1.0000	1.82	
Valor WP	oz	4.23	1.5000	6.35	
Cotoran 4L	pt	5.03	1.2000	6.04	
Dual II Magnum	pt	13.47	1.0000	13.47	
Layby Pro	qt	9.16	1.0000	9.16	
INSECTICIDES					
Ammo 2.5 EC	oz	0.72	1.2800	0.92	
Orthene 90S	lb	8.42	1.8700	15.75	
Centric 40WG	oz	4.45	6.0000	26.70	
Karate Z	oz	3.09	6.3900	19.75	
Bidrin 8L	oz	0.84	18.0000	15.12	
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	
SEED/PLANTS					
Cotton Seed BGIIRRF	thous	0.52	52.5000	27.30	
TECHNOLOGY FEE					
BG II/RRF Tech Fee	cap/ac	66.00	1.0000	66.00	
Eradication Fee	acre	6.00	1.0000	6.00	
GROWTH REGULATORS					
Pix Plus	oz	0.28	16.0000	4.48	
SERVICE FEE					
Cotton Storage	bale	25.00	2.2900	57.25	
Insect Scouting	acre	9.00	1.0000	9.00	
Cotton Checkoff	lbs	0.00	1100.0000	8.34	
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.1723	2.64	
LA HIRED LABOR					
Implements	hour	9.60	0.2816	2.69	
Tractors	hour	9.60	1.0875	10.43	
Self-Propelled	hour	9.60	0.2780	2.65	
LA IRRIGATION LABOR					
Special Labor	hour	9.60	0.1500	1.44	
Implements	hour	9.60	0.0062	0.06	
DIESEL FUEL					
Tractors	gal	2.20	10.5391	23.20	
Self-Propelled	gal	2.20	3.8293	8.43	
Roll-Out Pipe Irr.	gal	2.20	8.5535	18.81	
REPAIR & MAINTENANCE					
Implements	Acre	7.81	1.0000	7.81	
Tractors	Acre	4.08	1.0000	4.08	
Self-Propelled	Acre	11.25	1.0000	11.25	
Roll-Out Pipe Irr.	Acre	4.37	1.0000	4.37	
INTEREST ON OP. CAP.	Acre	20.77	1.0000	20.77	

TOTAL DIRECT EXPENSES				581.52	
FIXED EXPENSES					
Implements	Acre	17.21	1.0000	17.21	
Tractors	Acre	31.38	1.0000	31.38	
Self-Propelled	Acre	55.49	1.0000	55.49	
Roll-Out Pipe Irr.	Acre	49.95	1.0000	49.95	

TOTAL FIXED EXPENSES				154.03	

TOTAL SPECIFIED EXPENSES				735.55	

Table 7.B Estimated resource use and costs for field operations, per Acre
BGII/Flex Cotton, Sandy Soil, 12-Row Equipment,
Irrigated, Alluvial Soil, Northeast Louisiana, 2009.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST DIRECT	POWER UNIT COST FIXED	EQUIPMENT COST DIRECT	EQUIPMENT COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING/DURABLE INPUT AMOUNT	OPERATING/DURABLE INPUT PRICE	OPERATING/DURABLE INPUT COST	TOTAL COST
						dollars					dollars			dollars	
Paratill & Bed Fold.	12R-38	MFWD 225	0.053	0.50	Nov	0.80	0.95	0.47	1.04	0.02	0.26				3.52
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	0.30	Nov	0.47	0.55	0.18	0.25	0.02	0.22				1.67
LA Phosphate	lb											15.0000	0.88	13.20	13.20
LA Potash	lb											18.0000	0.75	13.50	13.50
Disk Bed (Hipper)	12R-38	MFWD 225	0.049	1.00	Nov	1.49	1.75	0.31	1.01	0.04	0.47				5.03
Row Cond (Harrow)	38'	MFWD 225	0.039	1.00	Nov	1.18	1.39	0.16	0.86	0.03	0.38				3.97
Roller	32'	MFWD 170	0.046	1.00	Nov	1.07	1.32	0.10	0.71	0.04	0.45				3.65
Ditcher		2WD 130	0.020	1.00	Nov	0.34	0.36	0.04	0.06	0.02	0.19				0.99
Sprayer(600-750Gal)	60'		0.017	1.00	Mar	0.52	0.98			0.02	0.25				1.75
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
2,4-D Amine 4	pt											1.0000	1.82	1.82	1.82
Valor WP	oz											1.5000	4.23	6.35	6.35
Plant & Pre Folding	12R-38	MFWD 190	0.053	1.00	Apr	1.35	1.53	1.08	2.62	0.10	1.02				7.60
Cotoran 4L	pt											1.2000	5.03	6.04	6.04
Cotton Seed BGIIRRF	thous											52.5000	0.52	27.30	27.30
Ammo 2.5 EC	oz											1.2800	0.72	0.92	0.92
BG II/RRF Tech Fee	cap/ac											1.0000	66.00	66.00	66.00
Ditcher		2WD 130	0.020	1.00	Apr	0.34	0.36	0.04	0.06	0.02	0.19				0.99
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	1.00	Apr	1.56	1.83	0.60	0.84	0.07	0.75				5.58
LA Nitrogen	lb											90.0000	0.53	47.70	47.70
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.52	0.98			0.02	0.25				1.75
Orthene 90S	lb											0.2200	8.42	1.85	1.85
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
Dual II Magnum	pt											1.0000	13.47	13.47	13.47
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.52	0.98			0.02	0.25				1.75
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
Centric 40WG	oz											2.0000	4.45	8.90	8.90
Sprayer(600-750Gal)	60'		0.017	1.00	Jun	0.52	0.98			0.02	0.25				1.75
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
Orthene 90S	lb											0.5500	8.42	4.63	4.63
Centric 40WG	oz											2.0000	4.45	8.90	8.90
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.5500	8.42	4.63	4.63
Centric 40WG	oz											2.0000	4.45	8.90	8.90
Pix Plus	oz											4.0000	0.28	1.12	1.12
Spray (Direct/Layby)	12R-38	MFWD 170	0.044	1.00	Jun	1.02	1.26	0.37	0.55	0.06	0.64				3.84
Layby Pro	qt											1.0000	9.16	9.16	9.16
Eradication Fee	acre			1.00	Jul							1.0000	6.00	6.00	6.00
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Karate Z	oz											2.1300	3.09	6.58	6.58
Bidrin 8L	oz											6.0000	0.84	5.04	5.04
Pix Plus	oz											4.0000	0.28	1.12	1.12
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Karate Z	oz											2.1300	3.09	6.58	6.58
Bidrin 8L	oz											6.0000	0.84	5.04	5.04
Pix Plus	oz											4.0000	0.28	1.12	1.12
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Bidrin 8L	oz											6.0000	0.84	5.04	5.04
Karate Z	oz											2.1300	3.09	6.58	6.58
Pix Plus	oz											4.0000	0.28	1.12	1.12
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.5500	8.42	4.63	4.63
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.75	5.75	5.75
Dropp 50 WP	lb											0.2000	45.45	9.09	9.09
Prep	pt											1.3300	4.41	5.87	5.87
Cotton Picker-1st-BB	6R38"330hp		0.172	1.00	Sep	17.60	51.57			0.34	4.29				73.46
Module Builder-1st	6R-38(325)	MFWD 190	0.172	1.00	Sep	4.35	4.93	1.53	3.95	0.34	3.30				18.06
Boll Buggy-1st pick	6R38"325hp	MFWD 190	0.172	1.00	Sep	4.35	4.93	1.12	2.89	0.17	1.65				14.94
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Nov	1.66	1.97	1.43	1.08	0.08	0.79				6.93
Cotton Storage	bale			1.00	Nov							2.2900	25.00	57.25	57.25
Insect Scouting	acre			1.00	Nov							1.0000	9.00	9.00	9.00
Cotton Checkoff	lbs			1.00	Nov							1100.0000	0.00	8.34	8.34
Roll-Out Pipe Irr.	Acre				Jul	7.30	8.25	23.56	51.24	0.44	4.31	1.0000		6.60	101.26
TOTALS						46.96	86.87	30.99	67.16	1.97	19.91			462.89	714.78
INTEREST ON OPERATING CAPITAL															20.77
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															735.55

Table 7.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
BGII/Flex Cotton, Sandy Soil, 12-Row Equipment,
Irrigated, Alluvial Soil, Northeast Louisiana, 2009.

Cotton Lint			BREAKEVEN PRICE									
			0.23	0.24	0.26	0.28	0.31	0.34	0.38	0.43	0.49	0.57	0.69
PERCENT	YIELD	UNIT	dollars										
50	550.00	lb	-254	-245	-234	-222	-208	-190	-169	-143	-109	-63	0
			-408	-399	-388	-376	-362	-344	-323	-297	-263	-217	-154
60	660.00	lb	-228	-218	-205	-190	-173	-152	-127	-95	-54	0	76
			-382	-372	-359	-344	-327	-306	-281	-249	-208	-154	-77
70	770.00	lb	-203	-190	-176	-158	-138	-114	-84	-47	0	63	152
			-357	-344	-330	-312	-292	-268	-238	-201	-154	-90	-1
80	880.00	lb	-178	-163	-146	-127	-104	-76	-42	0	54	127	228
			-332	-317	-300	-281	-258	-230	-196	-154	-99	-26	74
90	990.00	lb	-152	-136	-117	-95	-69	-38	0	47	109	190	305
			-306	-290	-271	-249	-223	-192	-154	-106	-45	36	151
100	1100.00	lb	-127	-109	-88	-63	-34	0	42	95	163	254	381
			-281	-263	-242	-217	-188	-154	-111	-58	9	100	227
110	1210.00	lb	-101	-81	-58	-31	0	38	84	143	218	317	457
			-255	-235	-212	-185	-154	-115	-69	-10	63	163	303
120	1320.00	lb	-76	-54	-29	0	34	76	127	190	272	381	534
			-230	-208	-183	-154	-119	-77	-26	36	118	227	380
130	1430.00	lb	-50	-27	0	31	69	114	169	238	327	445	610
			-204	-181	-154	-122	-84	-39	15	84	172	291	456
140	1540.00	lb	-25	0	29	63	104	152	211	286	381	508	686
			-179	-154	-124	-90	-49	-1	57	132	227	354	532
150	1650.00	lb	0	27	58	95	138	190	254	333	436	572	763
			-154	-126	-95	-58	-15	36	100	179	281	418	609

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
BGII/Flex Cotton, Sandy Soil, 12-Row Equipment,
Irrigated, Alluvial Soil, Northeast Louisiana, 2009.

Cotton Lint			BREAKEVEN PRICE									
			0.32	0.34	0.37	0.40	0.44	0.48	0.54	0.60	0.69	0.81	0.97
PERCENT	YIELD	UNIT	dollars										
50	550.00	lb	-203	-190	-175	-158	-138	-113	-83	-46	1	64	154
			-357	-344	-329	-312	-292	-267	-238	-200	-153	-89	0
60	660.00	lb	-167	-151	-134	-113	-89	-60	-24	20	77	154	261
			-321	-306	-288	-267	-243	-214	-178	-133	-76	0	107
70	770.00	lb	-131	-113	-93	-69	-40	-6	35	87	154	243	368
			-285	-267	-247	-223	-194	-160	-119	-66	0	89	214
80	880.00	lb	-95	-75	-51	-24	7	46	94	154	230	332	475
			-249	-229	-205	-178	-146	-107	-59	0	76	178	321
90	990.00	lb	-60	-37	-10	20	56	100	154	220	307	421	582
			-214	-191	-164	-133	-97	-53	0	66	153	267	428
100	1100.00	lb	-24	1	30	64	105	154	213	287	383	511	689
			-178	-153	-123	-89	-48	0	59	133	229	357	535
110	1210.00	lb	11	39	71	109	154	207	273	354	460	600	796
			-142	-114	-82	-44	0	53	119	200	306	446	642
120	1320.00	lb	46	77	112	154	202	261	332	421	536	689	903
			-107	-76	-41	0	48	107	178	267	382	535	749
130	1430.00	lb	82	115	154	198	251	314	392	488	613	778	1010
			-71	-38	0	44	97	160	238	334	459	624	856
140	1540.00	lb	118	154	195	243	300	368	451	555	689	868	1118
			-35	0	41	89	146	214	297	401	535	714	963
150	1650.00	lb	154	192	236	287	348	421	511	622	766	957	1225
			0	38	82	133	194	267	357	468	612	803	1071

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
BGII/Flex Cotton, Silty Soil, 8-Row Equipment,
Irrigated, Macon Ridge Louisiana, 2009.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (3 gal)	appl	4.75	5.0000	23.75	
App by Air (5 gal)	appl	5.75	1.0000	5.75	
HARVEST AIDS					
Dropp 50 WP	lb	45.45	0.2000	9.09	
Prep	pt	4.41	1.3300	5.87	
FERTILIZERS					
LA Phosphate	lb	0.88	15.0000	13.20	
LA Potash	lb	0.75	18.0000	13.50	
LA Nitrogen	lb	0.53	90.0000	47.70	
HERBICIDES					
Roundup WeatherMax	oz	0.50	88.0000	44.00	
2,4-D Amine 4	pt	1.82	1.0000	1.82	
Valor WP	oz	4.23	1.5000	6.35	
Cotoran 4L	pt	5.03	1.2000	6.04	
Dual II Magnum	pt	13.47	1.0000	13.47	
Layby Pro	qt	9.16	1.0000	9.16	
INSECTICIDES					
Ammo 2.5 EC	oz	0.72	1.2800	0.92	
Orthene 90S	lb	8.42	1.8700	15.75	
Centric 40WG	oz	4.45	6.0000	26.70	
Karate Z	oz	3.09	6.3900	19.75	
Bidrin 8L	oz	0.84	18.0000	15.12	
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	
SEED/PLANTS					
Cotton Seed BGIIRRF	thous	0.52	52.5000	27.30	
TECHNOLOGY FEE					
BG II/RRF Tech Fee	cap/ac	66.00	1.0000	66.00	
Eradication Fee	acre	6.00	1.0000	6.00	
GROWTH REGULATORS					
Pix Plus	oz	0.28	1.0000	0.28	
SERVICE FEE					
Cotton Storage	bale	25.00	2.0800	52.00	
Insect Scouting	acre	9.00	1.0000	9.00	
Cotton Checkoff	lbs	0.00	1000.0000	7.58	
LA OPERATOR LABOR					
Self-Propelled	hour	15.30	0.1723	2.64	
LA HIRED LABOR					
Implements	hour	9.60	0.3364	3.22	
Tractors	hour	9.60	1.2268	11.76	
Self-Propelled	hour	9.60	0.2780	2.65	
LA IRRIGATION LABOR					
Special Labor	hour	9.60	0.1500	1.44	
Implements	hour	9.60	0.0062	0.06	
DIESEL FUEL					
Tractors	gal	2.20	11.5395	25.40	
Self-Propelled	gal	2.20	3.8293	8.43	
Roll-Out Pipe Irr.	gal	2.20	8.5535	18.81	
REPAIR & MAINTENANCE					
Implements	Acre	8.05	1.0000	8.05	
Tractors	Acre	4.46	1.0000	4.46	
Self-Propelled	Acre	11.25	1.0000	11.25	
Roll-Out Pipe Irr.	Acre	4.37	1.0000	4.37	
INTEREST ON OP. CAP.	Acre	20.75	1.0000	20.75	

TOTAL DIRECT EXPENSES				575.97	
FIXED EXPENSES					
Implements	Acre	17.62	1.0000	17.62	
Tractors	Acre	34.36	1.0000	34.36	
Self-Propelled	Acre	55.49	1.0000	55.49	
Roll-Out Pipe Irr.	Acre	49.95	1.0000	49.95	

TOTAL FIXED EXPENSES				157.42	

TOTAL SPECIFIED EXPENSES				733.39	

Table 8.B Estimated resource use and costs for field operations, per Acre
BGII/Flex Cotton, Silty Soil, 8-Row Equipment,
Irrigated, Macon Ridge Louisiana, 2009.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST DIRECT	POWER UNIT COST FIXED	EQUIPMENT COST DIRECT	EQUIPMENT COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING/DURABLE INPUT AMOUNT	OPERATING/DURABLE INPUT PRICE	OPERATING/DURABLE INPUT COST	TOTAL COST
						dollars					dollars			dollars	
Paratill & Bed Rigid	8R-38	MFWD 225	0.080	0.50	Nov	1.22	1.43	0.33	0.73	0.04	0.39				4.10
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	0.30	Nov	0.59	0.67	0.23	0.32	0.03	0.33				2.14
LA Phosphate	lb											15.0000	0.88	13.20	13.20
LA Potash	lb											18.0000	0.75	13.50	13.50
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Nov	1.86	2.12	0.34	1.13	0.07	0.71				6.16
Row Cond (Harrow)	27'	MFWD 190	0.057	1.00	Nov	1.45	1.64	0.14	0.72	0.05	0.55				4.50
Roller	32'	MFWD 170	0.046	1.00	Nov	1.07	1.32	0.10	0.71	0.04	0.45				3.65
Ditcher		2WD 130	0.020	1.00	Nov	0.34	0.36	0.04	0.06	0.02	0.19				0.99
Sprayer(600-750Gal)	60'		0.017	1.00	Mar	0.52	0.98			0.02	0.25				1.75
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
2,4-D Amine 4	pt											1.0000	1.82	1.82	1.82
Valor WP	oz											1.5000	4.23	6.35	6.35
Plant & Pre Folding	8R-38	MFWD 170	0.080	1.00	Apr	1.84	2.27	1.29	3.13	0.16	1.54				10.07
Cotoran 4L	pt											1.2000	5.03	6.04	6.04
Cotton Seed BGIIRRF	thous											52.5000	0.52	27.30	27.30
Ammo 2.5 EC	oz											1.2800	0.72	0.92	0.92
BG II/RRF Tech Fee	cap/ac											1.0000	66.00	66.00	66.00
Ditcher		2WD 130	0.020	1.00	Apr	0.34	0.36	0.04	0.06	0.02	0.19				0.99
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	1.96	2.22	0.76	1.07	0.11	1.12				7.13
LA Nitrogen	lb											90.0000	0.53	47.70	47.70
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.52	0.98			0.02	0.25				1.75
Orthene 90S	lb											0.2200	8.42	1.85	1.85
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
Dual II Magnum	pt											1.0000	13.47	13.47	13.47
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.52	0.98			0.02	0.25				1.75
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
Centric 40WG	oz											2.0000	4.45	8.90	8.90
Sprayer(600-750Gal)	60'		0.017	1.00	Jun	0.52	0.98			0.02	0.25				1.75
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
Orthene 90S	lb											0.5500	8.42	4.63	4.63
Centric 40WG	oz											2.0000	4.45	8.90	8.90
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.5500	8.42	4.63	4.63
Centric 40WG	oz											2.0000	4.45	8.90	8.90
Pix Plus	oz											1.0000	0.28	0.28	0.28
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jun	1.53	1.89	0.32	0.48	0.10	0.96				5.18
Layby Pro	qt											1.0000	9.16	9.16	9.16
Eradication Fee	acre			1.00	Jul							1.0000	6.00	6.00	6.00
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Karate Z	oz											2.1300	3.09	6.58	6.58
Bidrin 8L	oz											6.0000	0.84	5.04	5.04
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Karate Z	oz											2.1300	3.09	6.58	6.58
Bidrin 8L	oz											6.0000	0.84	5.04	5.04
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Bidrin 8L	oz											6.0000	0.84	5.04	5.04
Karate Z	oz											2.1300	3.09	6.58	6.58
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.5500	8.42	4.63	4.63
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.75	5.75	5.75
Dropp 50 WP	lb											0.2000	45.45	9.09	9.09
Prep	pt											1.3300	4.41	5.87	5.87
Cotton Picker-1st-BB	6R38"330hp		0.172	1.00	Sep	17.60	51.57			0.34	4.29				73.46
Module Builder-1st	6R-38(325)	MFWD 190	0.172	1.00	Sep	4.35	4.93	1.53	3.95	0.34	3.30				18.06
Boll Buggy-1st pick	6R38"325hp	MFWD 190	0.172	1.00	Sep	4.35	4.93	1.12	2.89	0.17	1.65				14.94
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Nov	1.66	1.97	1.43	1.08	0.08	0.79				6.93
Cotton Storage	bale			1.00	Nov							2.0800	25.00	52.00	52.00
Insect Scouting	acre			1.00	Nov							1.0000	9.00	9.00	9.00
Cotton Checkoff	lbs			1.00	Nov							1000.0000	0.00	7.58	7.58
Roll-Out Pipe Irr.	Acre				Jul	7.30	8.25	23.56	51.24	0.44	4.31	1.0000		6.60	101.26
TOTALS						49.54	89.85	31.23	67.57	2.16	21.77			452.68	712.64
INTEREST ON OPERATING CAPITAL															20.75
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															733.39

Table 8.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
BGII/Flex Cotton, Silty Soil, 8-Row Equipment,
Irrigated, Macon Ridge Louisiana, 2009.

			BREAKEVEN PRICE										
Cotton Lint			0.26	0.28	0.30	0.32	0.35	0.39	0.43	0.49	0.56	0.65	0.78
PERCENT	YIELD	UNIT	dollars										
50	500.00	lb	-263	-253	-242	-230	-215	-197	-175	-148	-112	-65	0
			-420	-411	-400	-387	-372	-354	-332	-305	-270	-223	-157
60	600.00	lb	-236	-225	-212	-197	-179	-157	-131	-98	-56	0	78
			-394	-382	-369	-354	-336	-315	-288	-256	-213	-157	-78
70	700.00	lb	-210	-197	-182	-164	-143	-118	-87	-49	0	65	157
			-367	-354	-339	-321	-300	-275	-245	-206	-157	-91	0
80	800.00	lb	-184	-169	-151	-131	-107	-78	-43	0	56	131	236
			-341	-326	-309	-288	-265	-236	-201	-157	-101	-25	79
90	900.00	lb	-157	-140	-121	-98	-71	-39	0	49	112	197	315
			-315	-298	-278	-256	-229	-196	-157	-108	-44	39	158
100	1000.00	lb	-131	-112	-91	-65	-35	0	43	98	169	263	394
			-288	-270	-248	-223	-193	-157	-113	-58	11	105	237
110	1100.00	lb	-105	-84	-60	-32	0	39	87	148	225	328	473
			-262	-242	-218	-190	-157	-117	-69	-9	68	171	316
120	1200.00	lb	-78	-56	-30	0	35	78	131	197	281	394	552
			-236	-213	-187	-157	-121	-78	-25	39	124	237	395
130	1300.00	lb	-52	-28	0	32	71	118	175	246	338	460	631
			-210	-185	-157	-124	-85	-39	18	89	180	303	474
140	1400.00	lb	-26	0	30	65	107	157	219	296	394	526	710
			-183	-157	-127	-91	-49	0	61	138	237	368	553
150	1500.00	lb	0	28	60	98	143	197	263	345	451	592	789
			-157	-129	-96	-58	-13	39	105	187	293	434	632

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
BGII/Flex Cotton, Silty Soil, 8-Row Equipment,
Irrigated, Macon Ridge Louisiana, 2009.

			BREAKEVEN PRICE										
Cotton Lint			0.36	0.39	0.42	0.46	0.50	0.55	0.61	0.69	0.78	0.92	1.10
PERCENT	YIELD	UNIT	dollars										
50	500.00	lb	-210	-197	-182	-164	-143	-118	-87	-49	-0	65	157
			-368	-354	-339	-322	-301	-276	-245	-207	-157	-92	0
60	600.00	lb	-173	-158	-139	-118	-93	-63	-26	19	78	157	267
			-331	-315	-297	-276	-250	-220	-184	-138	-78	0	110
70	700.00	lb	-137	-118	-97	-72	-43	-8	34	88	157	249	378
			-294	-276	-254	-230	-200	-165	-122	-69	0	92	220
80	800.00	lb	-100	-79	-54	-26	6	46	96	157	236	341	488
			-257	-236	-212	-184	-150	-110	-61	0	78	184	331
90	900.00	lb	-63	-39	-12	19	57	102	157	226	315	433	599
			-220	-197	-169	-138	-100	-55	0	69	157	276	441
100	1000.00	lb	-26	-0	30	65	107	157	218	295	394	525	709
			-184	-157	-127	-92	-50	0	61	138	236	368	552
110	1100.00	lb	10	39	72	111	157	212	280	364	472	617	819
			-147	-118	-84	-46	0	55	122	207	315	460	662
120	1200.00	lb	46	78	114	157	207	267	341	433	551	709	930
			-110	-78	-42	0	50	110	184	276	394	552	772
130	1300.00	lb	83	117	157	203	257	323	402	502	630	801	1040
			-73	-39	0	46	100	165	245	345	473	644	883
140	1400.00	lb	120	157	199	249	308	378	464	571	709	893	1151
			-36	0	42	92	150	220	306	414	552	736	993
150	1500.00	lb	157	196	242	295	358	433	525	640	788	985	1261
			0	39	84	138	200	276	368	483	631	828	1104

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
RR Soybeans, Stale Seedbed, 8- 38"Row Equipment
Alluvial Soils, Northeast Louisiana, 2009.

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	4.75	3.0000	14.25	_____
HARVEST AIDS					
Gramoxone Extra	pt	4.86	1.5000	7.29	_____
FERTILIZERS					
LA Phosphate	lb	0.88	9.0000	7.92	_____
LA Potash	lb	0.75	9.0000	6.75	_____
FUNGICIDES					
Quadris	oz	2.16	6.0000	12.96	_____
Stratego	pt	19.49	0.4400	8.58	_____
HERBICIDES					
Roundup WeatherMax	oz	0.50	66.0000	33.00	_____
2,4-D Amine 4	pt	1.82	1.0000	1.82	_____
Valor WP	oz	4.23	2.0000	8.46	_____
Dual II Magnum	pt	13.47	1.0000	13.47	_____
Classic	oz	14.07	0.2500	3.52	_____
INSECTICIDES					
Karate Z	oz	3.09	2.1300	6.58	_____
Orthene 90S	lb	8.42	0.7500	6.32	_____
SEED/PLANTS					
Soybean Seed RR	lb	0.74	50.0000	37.00	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.20	40.0000	8.00	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
LA HIRED LABOR					
Implements	hour	9.60	0.1073	1.03	_____
Tractors	hour	9.60	0.2542	2.44	_____
DIESEL FUEL					
Tractors	gal	2.20	2.2426	4.91	_____
Harvesters	gal	2.20	1.2047	2.65	_____
REPAIR & MAINTENANCE					
Implements	Acre	2.57	1.0000	2.57	_____
Tractors	Acre	0.88	1.0000	0.88	_____
Harvesters	Acre	1.73	1.0000	1.73	_____
INTEREST ON OP. CAP.	Acre	8.34	1.0000	8.34	_____

TOTAL DIRECT EXPENSES				213.27	_____
FIXED EXPENSES					
Implements	Acre	5.63	1.0000	5.63	_____
Tractors	Acre	6.80	1.0000	6.80	_____
Harvesters	Acre	8.27	1.0000	8.27	_____

TOTAL FIXED EXPENSES				20.70	_____

TOTAL SPECIFIED EXPENSES				233.97	_____

Table 9.B Estimated resource use and costs for field operations, per Acre
RR Soybeans, Stale Seedbed, 8- 38"Row Equipment
Alluvial Soils, Northeast Louisiana, 2009.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST DIRECT	POWER UNIT COST FIXED	EQUIPMENT COST DIRECT	EQUIPMENT COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING/DURABLE INPUT AMOUNT	OPERATING/DURABLE INPUT PRICE	OPERATING/DURABLE INPUT COST	TOTAL COST
						dollars					dollars			dollars	
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	0.30	Oct	0.59	0.67	0.23	0.32	0.03	0.33				2.14
LA Phosphate	lb											9.0000	0.88	7.92	7.92
LA Potash	lb											9.0000	0.75	6.75	6.75
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Oct	1.86	2.12	0.34	1.13	0.07	0.71				6.16
Ditcher		2WD 130	0.020	1.00	Oct	0.34	0.36	0.04	0.06	0.02	0.19				0.99
App by Air (5 gal)	appl			1.00	Mar							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
2,4-D Amine 4	pt											1.0000	1.82	1.82	1.82
Valor WP	oz											2.0000	4.23	8.46	8.46
Plant - Folding	8R-38	MFWD 170	0.074	1.00	May	1.70	2.10	1.05	2.53	0.14	1.44				8.82
Soybean Seed RR	lb											50.0000	0.74	37.00	37.00
Ditcher		2WD 130	0.020	1.00	May	0.34	0.36	0.04	0.06	0.02	0.19				0.99
Spray (Bcast/HB)	40' Fold	MFWD 170	0.042	1.00	May	0.96	1.19	0.27	0.40	0.06	0.61				3.43
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
Dual II Magnum	pt											1.0000	13.47	13.47	13.47
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
Classic	oz											0.2500	14.07	3.52	3.52
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Karate Z	oz											2.1300	3.09	6.58	6.58
Quadris	oz											6.0000	2.16	12.96	12.96
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.7500	8.42	6.32	6.32
Stratego	pt											0.4400	19.49	8.58	8.58
App by Air (3 gal)	appl			1.00	Sep							1.0000	4.75	4.75	4.75
Gramoxone Extra	pt											1.5000	4.86	7.29	7.29
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	4.38	8.27	0.60	1.13	0.08	1.30				15.68
Haul Soybeans	bu			1.00	Oct							40.0000	0.20	8.00	8.00
TOTALS						10.17	15.07	2.57	5.63	0.44	4.77			187.42	225.63
INTEREST ON OPERATING CAPITAL															8.34
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															233.97

Table 9.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, Northeast Louisiana, 2009.

			BREAKEVEN PRICE										
Soybeans			3.62	3.86	4.14	4.47	4.86	5.33	5.90	6.61	7.52	8.75	10.46
PERCENT	YIELD	UNIT	dollars										
50	20.00	bu	-136	-131	-126	-119	-111	-102	-91	-76	-58	-34	0
			-157	-152	-146	-140	-132	-123	-111	-97	-79	-54	-20
60	24.00	bu	-123	-117	-110	-102	-93	-82	-68	-51	-29	0	41
			-143	-137	-131	-123	-113	-102	-89	-71	-50	-20	20
70	28.00	bu	-109	-102	-94	-85	-74	-61	-45	-25	0	34	82
			-130	-123	-115	-106	-95	-82	-66	-46	-20	13	61
80	32.00	bu	-95	-87	-78	-68	-55	-41	-22	0	29	68	123
			-116	-108	-99	-89	-76	-61	-43	-20	8	47	102
90	36.00	bu	-82	-73	-63	-51	-37	-20	0	25	58	102	164
			-102	-93	-83	-71	-58	-41	-20	4	37	81	143
100	40.00	bu	-68	-58	-47	-34	-18	0	22	51	87	136	205
			-89	-79	-68	-54	-39	-20	2	30	67	116	184
110	44.00	bu	-54	-43	-31	-17	0	20	45	76	117	170	246
			-75	-64	-52	-37	-20	-0	24	56	96	150	225
120	48.00	bu	-41	-29	-15	0	18	41	68	102	146	205	287
			-61	-50	-36	-20	-2	20	47	81	125	184	266
130	52.00	bu	-27	-14	0	17	37	61	91	128	175	239	328
			-48	-35	-20	-3	16	40	70	107	155	218	307
140	56.00	bu	-13	0	15	34	55	82	113	153	205	273	369
			-34	-20	-4	13	35	61	93	133	184	252	348
150	60.00	bu	0	14	31	51	74	102	136	179	234	307	410
			-20	-6	10	30	53	81	116	158	213	287	389

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
RR Soybeans, Stale Seedbed, 8- 38"Row Equipment
Alluvial Soils, Northeast Louisiana, 2009.

			BREAKEVEN PRICE										
Soybeans			3.96	4.23	4.54	4.90	5.33	5.84	6.47	7.26	8.26	9.61	11.49
PERCENT	YIELD	UNIT	dollars										
50	20.00	bu	-129	-124	-118	-111	-102	-92	-79	-63	-43	-16	20
			-150	-145	-138	-131	-123	-112	-100	-84	-64	-37	0
60	24.00	bu	-114	-108	-100	-92	-81	-69	-54	-35	-11	20	65
			-135	-129	-121	-112	-102	-90	-75	-56	-32	0	45
70	28.00	bu	-99	-92	-83	-73	-61	-47	-29	-7	20	58	111
			-120	-112	-104	-94	-82	-67	-50	-28	0	37	90
80	32.00	bu	-84	-76	-66	-54	-40	-24	-4	20	52	95	156
			-105	-96	-86	-75	-61	-45	-25	0	32	75	135
90	36.00	bu	-69	-59	-48	-35	-20	-1	20	48	85	133	201
			-90	-80	-69	-56	-41	-22	0	28	64	112	180
100	40.00	bu	-54	-43	-31	-16	0	20	45	77	117	171	246
			-75	-64	-52	-37	-20	0	25	56	96	150	225
110	44.00	bu	-39	-27	-14	1	20	43	70	105	149	208	291
			-60	-48	-34	-18	0	22	50	84	129	188	271
120	48.00	bu	-24	-11	3	20	41	65	95	133	182	246	336
			-45	-32	-17	0	20	45	75	112	161	225	316
130	52.00	bu	-9	4	20	39	61	88	121	161	214	284	382
			-30	-16	0	18	41	67	100	141	193	263	361
140	56.00	bu	5	20	38	58	82	111	146	190	246	321	427
			-15	0	17	37	61	90	125	169	225	301	406
150	60.00	bu	20	36	55	77	102	133	171	218	278	359	472
			0	16	34	56	82	112	150	197	258	338	451

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, 12- 20"Row Equipment
Irrigated, Alluvial Soils, Northeast Louisiana, 2009.

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	4.75	3.0000	14.25	
HARVEST AIDS					
Gramoxone Extra	pt	4.86	1.5000	7.29	
FERTILIZERS					
LA Phosphate	lb	0.88	9.0000	7.92	
LA Potash	lb	0.75	9.0000	6.75	
FUNGICIDES					
Quadris	oz	2.16	6.0000	12.96	
Stratego	pt	19.49	0.4400	8.58	
HERBICIDES					
Roundup WeatherMax	oz	0.50	66.0000	33.00	
2,4-D Amine 4	pt	1.82	1.0000	1.82	
Valor WP	oz	4.23	2.0000	8.46	
Dual II Magnum	pt	13.47	1.0000	13.47	
Classic	oz	14.07	0.2500	3.52	
INSECTICIDES					
Karate Z	oz	3.09	2.1300	6.58	
Orthene 90S	lb	8.42	0.7500	6.32	
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	
SEED/PLANTS					
Soybean Seed RR	lb	0.74	50.0000	37.00	
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.20	50.0000	10.00	
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	
LA HIRED LABOR					
Implements	hour	9.60	0.1270	1.22	
Tractors	hour	9.60	0.5396	5.18	
LA IRRIGATION LABOR					
Special Labor	hour	9.60	0.1500	1.44	
Implements	hour	9.60	0.0062	0.06	
DIESEL FUEL					
Tractors	gal	2.20	5.0715	11.15	
Harvesters	gal	2.20	1.2047	2.65	
Roll-Out Pipe Irr.	gal	2.20	4.8877	10.74	
REPAIR & MAINTENANCE					
Implements	Acre	3.52	1.0000	3.52	
Tractors	Acre	1.93	1.0000	1.93	
Harvesters	Acre	1.73	1.0000	1.73	
Roll-Out Pipe Irr.	Acre	3.35	1.0000	3.35	
INTEREST ON OP. CAP.	Acre	9.43	1.0000	9.43	

TOTAL DIRECT EXPENSES				249.72	
FIXED EXPENSES					
Implements	Acre	8.93	1.0000	8.93	
Tractors	Acre	14.86	1.0000	14.86	
Harvesters	Acre	8.27	1.0000	8.27	
Roll-Out Pipe Irr.	Acre	49.95	1.0000	49.95	

TOTAL FIXED EXPENSES				82.01	

TOTAL SPECIFIED EXPENSES				331.73	

Table 10.B Estimated resource use and costs for field operations, per Acre
RR Soybeans, Stale Seedbed, 12- 20"Row Equipment
Irrigated, Alluvial Soils, Northeast Louisiana, 2009.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST DIRECT	POWER UNIT COST FIXED	EQUIPMENT COST DIRECT	EQUIPMENT COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING/DURABLE INPUT AMOUNT	OPERATING/DURABLE INPUT PRICE	OPERATING/DURABLE INPUT COST	TOTAL COST
						dollars					dollars			dollars	
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	0.30	Oct	0.59	0.67	0.23	0.32	0.03	0.33				2.14
LA Phosphate	lb											9.0000	0.88	7.92	7.92
LA Potash	lb											9.0000	0.75	6.75	6.75
Field Cultivate	32'	MFWD 190	0.046	1.00	Oct	1.17	1.33	0.32	1.71	0.04	0.45				4.98
Ditcher		2WD 130	0.020	1.00	Oct	0.34	0.36	0.04	0.06	0.02	0.19				0.99
App by Air (5 gal)	appl			1.00	Mar							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
2,4-D Amine 4	pt											1.0000	1.82	1.82	1.82
Valor WP	oz											2.0000	4.23	8.46	8.46
Plant - Folding	12R-20	MFWD 190	0.094	1.00	May	2.38	2.70	1.64	3.96	0.18	1.82				12.50
Soybean Seed RR	lb											50.0000	0.74	37.00	37.00
Ditcher		2WD 130	0.020	1.00	May	0.34	0.36	0.04	0.06	0.02	0.19				0.99
Spray (Bcast/HB)	40' Fold	MFWD 170	0.042	1.00	May	0.96	1.19	0.27	0.40	0.06	0.61				3.43
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
Dual II Magnum	pt											1.0000	13.47	13.47	13.47
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
Classic	oz											0.2500	14.07	3.52	3.52
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Karate Z	oz											2.1300	3.09	6.58	6.58
Quadris	oz											6.0000	2.16	12.96	12.96
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.7500	8.42	6.32	6.32
Stratego	pt											0.4400	19.49	8.58	8.58
App by Air (3 gal)	appl			1.00	Sep							1.0000	4.75	4.75	4.75
Gramoxone Extra	pt											1.5000	4.86	7.29	7.29
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	4.38	8.27	0.60	1.13	0.08	1.30				15.68
Haul Soybeans	bu			1.00	Oct							50.0000	0.20	10.00	10.00
Roll-Out Pipe Irr.	Acre				Jul	7.30	8.25	14.47	51.24	0.44	4.31	1.0000		6.60	92.17
TOTALS						17.46	23.13	17.61	58.88	0.90	9.20			196.02	322.30
INTEREST ON OPERATING CAPITAL															9.43
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															331.73

Table 10.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, Northeast Louisiana, 2009.

			BREAKEVEN PRICE									
Soybeans			3.39	3.62	3.88	4.19	4.55	4.99	5.52	6.19	7.04	8.18	9.78
PERCENT	YIELD	UNIT	dollars										
50	25.00	bu	-159	-154	-147	-139	-130	-119	-106	-89	-68	-39	0
			-241	-236	-229	-221	-212	-201	-188	-171	-150	-121	-82
60	30.00	bu	-143	-136	-128	-119	-108	-95	-79	-59	-34	0	47
			-225	-218	-211	-201	-190	-177	-161	-141	-116	-82	-34
70	35.00	bu	-127	-119	-110	-99	-87	-71	-53	-29	0	39	95
			-209	-201	-192	-181	-169	-153	-135	-111	-82	-42	13
80	40.00	bu	-111	-102	-92	-79	-65	-47	-26	0	34	79	143
			-193	-184	-174	-161	-147	-129	-108	-82	-47	-2	61
90	45.00	bu	-95	-85	-73	-59	-43	-23	0	29	68	119	191
			-177	-167	-155	-141	-125	-105	-82	-52	-13	37	109
100	50.00	bu	-79	-68	-55	-39	-21	0	26	59	102	159	239
			-161	-150	-137	-121	-103	-82	-55	-22	20	77	157
110	55.00	bu	-63	-51	-36	-19	0	23	53	89	136	199	287
			-145	-133	-118	-101	-82	-58	-28	7	54	117	205
120	60.00	bu	-47	-34	-18	0	21	47	79	119	171	239	335
			-129	-116	-100	-82	-60	-34	-2	37	89	157	253
130	65.00	bu	-31	-17	0	19	43	71	106	149	205	279	383
			-113	-99	-82	-62	-38	-10	24	67	123	197	301
140	70.00	bu	-15	0	18	39	65	95	133	179	239	319	431
			-97	-82	-63	-42	-16	13	51	97	157	237	349
150	75.00	bu	0	17	36	59	87	119	159	209	273	359	479
			-82	-64	-45	-22	5	37	77	127	191	277	397

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, 12- 20"Row Equipment
Irrigated, Alluvial Soils, Northeast Louisiana, 2009.

			BREAKEVEN PRICE										
Soybeans			4.49	4.79	5.15	5.56	6.04	6.63	7.34	8.24	9.39	10.92	13.06
PERCENT	YIELD	UNIT	dollars										
50	25.00	bu	-132	-124	-115	-105	-93	-78	-60	-38	-9	28	82
			-214	-206	-197	-187	-175	-160	-142	-120	-91	-53	0
60	30.00	bu	-110	-101	-91	-78	-64	-46	-25	1	36	82	146
			-192	-183	-173	-160	-146	-128	-107	-80	-45	0	64
70	35.00	bu	-89	-78	-66	-51	-34	-14	10	41	82	135	210
			-171	-160	-148	-133	-116	-96	-71	-40	0	53	128
80	40.00	bu	-68	-55	-41	-25	-5	17	46	82	127	189	274
			-150	-137	-123	-107	-87	-64	-35	0	45	107	192
90	45.00	bu	-46	-32	-16	1	23	49	82	122	173	242	339
			-128	-114	-98	-80	-58	-32	0	40	91	160	257
100	50.00	bu	-25	-9	7	28	52	82	117	162	219	296	403
			-107	-91	-74	-53	-29	0	35	80	137	214	321
110	55.00	bu	-3	13	32	55	82	114	153	202	265	349	467
			-85	-68	-49	-26	0	32	71	120	183	267	385
120	60.00	bu	17	36	57	82	111	146	189	242	311	403	532
			-64	-45	-24	0	29	64	107	160	229	321	450
130	65.00	bu	39	59	82	108	140	178	224	282	357	457	596
			-42	-22	0	26	58	96	142	200	275	375	514
140	70.00	bu	60	82	106	135	169	210	260	323	403	510	660
			-21	0	24	53	87	128	178	241	321	428	578
150	75.00	bu	82	104	131	162	198	242	296	363	449	564	725
			0	22	49	80	116	160	214	281	367	482	643

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

Table 11.A Estimated costs per Acre
RR Soybeans, Stale Seedbed, 8- 38"Row Equipment
Irrigated, Macon Ridge, Louisiana, 2009.

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	4.75	3.0000	14.25	
HARVEST AIDS					
Gramoxone Extra	pt	4.86	1.5000	7.29	
FERTILIZERS					
LA Phosphate	lb	0.88	9.0000	7.92	
LA Potash	lb	0.75	9.0000	6.75	
FUNGICIDES					
Quadris	oz	2.16	6.0000	12.96	
Stratego	pt	19.49	0.4400	8.58	
HERBICIDES					
Roundup WeatherMax	oz	0.50	66.0000	33.00	
2,4-D Amine 4	pt	1.82	1.0000	1.82	
Valor WP	oz	4.23	2.0000	8.46	
Dual II Magnum	pt	13.47	1.0000	13.47	
Classic	oz	14.07	0.2500	3.52	
INSECTICIDES					
Karate Z	oz	3.09	2.1300	6.58	
Orthene 90S	lb	8.42	0.7500	6.32	
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	
SEED/PLANTS					
Soybean Seed RR	lb	0.74	50.0000	37.00	
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.20	45.0000	9.00	
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	
LA HIRED LABOR					
Implements	hour	9.60	0.1073	1.03	
Tractors	hour	9.60	0.5473	5.25	
LA IRRIGATION LABOR					
Special Labor	hour	9.60	0.1500	1.44	
Implements	hour	9.60	0.0062	0.06	
DIESEL FUEL					
Tractors	gal	2.20	5.0701	11.14	
Harvesters	gal	2.20	1.2047	2.65	
Roll-Out Pipe Irr.	gal	2.20	4.8877	10.74	
REPAIR & MAINTENANCE					
Implements	Acre	2.95	1.0000	2.95	
Tractors	Acre	1.95	1.0000	1.95	
Harvesters	Acre	1.73	1.0000	1.73	
Roll-Out Pipe Irr.	Acre	3.35	1.0000	3.35	
INTEREST ON OP. CAP.	Acre	9.33	1.0000	9.33	

TOTAL DIRECT EXPENSES				247.94	
FIXED EXPENSES					
Implements	Acre	6.92	1.0000	6.92	
Tractors	Acre	15.05	1.0000	15.05	
Harvesters	Acre	8.27	1.0000	8.27	
Roll-Out Pipe Irr.	Acre	49.95	1.0000	49.95	

TOTAL FIXED EXPENSES				80.19	

TOTAL SPECIFIED EXPENSES				328.13	

Table 11.B Estimated resource use and costs for field operations, per Acre
RR Soybeans, Stale Seedbed, 8- 38"Row Equipment
Irrigated, Macon Ridge, Louisiana, 2009.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST DIRECT	POWER UNIT COST FIXED	EQUIPMENT COST DIRECT	EQUIPMENT COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING/DURABLE INPUT AMOUNT	OPERATING/DURABLE INPUT PRICE	OPERATING/DURABLE INPUT COST	TOTAL COST
						dollars					dollars			dollars	
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	0.30	Oct	0.59	0.67	0.23	0.32	0.03	0.33				2.14
LA Phosphate	lb											9.0000	0.88	7.92	7.92
LA Potash	lb											9.0000	0.75	6.75	6.75
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Oct	1.86	2.12	0.34	1.13	0.07	0.71				6.16
Ditcher		2WD 130	0.020	1.00	Oct	0.34	0.36	0.04	0.06	0.02	0.19				0.99
App by Air (5 gal)	appl			1.00	Mar							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
2,4-D Amine 4	pt											1.0000	1.82	1.82	1.82
Valor WP	oz											2.0000	4.23	8.46	8.46
Plant - Folding	8R-38	MFWD 170	0.074	1.00	May	1.70	2.10	1.05	2.53	0.14	1.44				8.82
Soybean Seed RR	lb											50.0000	0.74	37.00	37.00
Ditcher		2WD 130	0.020	1.00	May	0.34	0.36	0.04	0.06	0.02	0.19				0.99
Spray (Bcast/HB)	40' Fold	MFWD 170	0.042	1.00	May	0.96	1.19	0.27	0.40	0.06	0.61				3.43
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
Dual II Magnum	pt											1.0000	13.47	13.47	13.47
App by Air (5 gal)	appl			1.00	Jun							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
Classic	oz											0.2500	14.07	3.52	3.52
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Karate Z	oz											2.1300	3.09	6.58	6.58
Quadris	oz											6.0000	2.16	12.96	12.96
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.7500	8.42	6.32	6.32
Stratego	pt											0.4400	19.49	8.58	8.58
App by Air (3 gal)	appl			1.00	Sep							1.0000	4.75	4.75	4.75
Gramoxone Extra	pt											1.5000	4.86	7.29	7.29
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	4.38	8.27	0.60	1.13	0.08	1.30				15.68
Haul Soybeans	bu			1.00	Oct							45.0000	0.20	9.00	9.00
Roll-Out Pipe Irr.	Acre				Jul	7.30	8.25	14.47	51.24	0.44	4.31	1.0000		6.60	92.17
TOTALS						17.47	23.32	17.04	56.87	0.89	9.08			195.02	318.80
INTEREST ON OPERATING CAPITAL															9.33
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															328.13

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, Macon Ridge, Louisiana, 2009.

			BREAKEVEN PRICE									
Soybeans			3.74	3.99	4.28	4.62	5.02	5.50	6.09	6.83	7.78	9.04	10.81
PERCENT	YIELD	UNIT	dollars										
50	22.50	bu	-159	-153	-146	-139	-130	-119	-106	-89	-68	-39	0
			-239	-233	-227	-219	-210	-199	-186	-169	-148	-119	-80
60	27.00	bu	-143	-136	-128	-119	-108	-95	-79	-59	-34	0	47
			-223	-216	-208	-199	-188	-175	-159	-139	-114	-80	-32
70	31.50	bu	-127	-119	-110	-99	-86	-71	-53	-29	0	39	95
			-207	-199	-190	-179	-167	-151	-133	-110	-80	-40	15
80	36.00	bu	-111	-102	-91	-79	-65	-47	-26	0	34	79	143
			-191	-182	-172	-159	-145	-127	-106	-80	-46	-0	63
90	40.50	bu	-95	-85	-73	-59	-43	-23	0	29	68	119	191
			-175	-165	-153	-139	-123	-104	-80	-50	-11	39	110
100	45.00	bu	-79	-68	-55	-39	-21	0	26	59	102	159	238
			-159	-148	-135	-119	-101	-80	-53	-20	22	79	158
110	49.50	bu	-63	-51	-36	-19	0	23	53	89	136	199	286
			-143	-131	-116	-100	-80	-56	-27	9	56	118	206
120	54.00	bu	-47	-34	-18	0	21	47	79	119	170	238	334
			-127	-114	-98	-80	-58	-32	-0	39	90	158	254
130	58.50	bu	-31	-17	0	19	43	71	106	149	204	278	382
			-112	-97	-80	-60	-36	-8	25	69	124	198	301
140	63.00	bu	-15	0	18	39	65	95	132	179	238	318	429
			-96	-80	-61	-40	-15	15	52	98	158	238	349
150	67.50	bu	0	17	36	59	86	119	159	208	272	358	477
			-80	-63	-43	-20	6	39	79	128	192	278	397

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, Macon Ridge, Louisiana, 2009.

			BREAKEVEN PRICE									
Soybeans			4.92	5.26	5.65	6.11	6.64	7.29	8.07	9.06	10.32	12.01	14.38
PERCENT	YIELD	UNIT	dollars										
50	22.50	bu	-132	-124	-116	-105	-93	-79	-61	-39	-10	27	80
			-212	-205	-196	-186	-174	-159	-141	-119	-91	-53	0
60	27.00	bu	-111	-102	-91	-79	-64	-47	-26	0	34	80	143
			-191	-182	-171	-159	-145	-127	-106	-79	-45	0	63
70	31.50	bu	-89	-79	-67	-52	-35	-15	9	40	80	133	207
			-170	-159	-147	-132	-116	-95	-70	-39	0	53	127
80	36.00	bu	-68	-56	-42	-26	-6	16	44	80	125	186	271
			-148	-136	-122	-106	-87	-63	-35	0	45	106	191
90	40.50	bu	-47	-33	-17	0	22	48	80	120	171	239	335
			-127	-113	-98	-79	-58	-31	0	39	91	159	255
100	45.00	bu	-26	-10	6	27	51	80	115	159	216	292	399
			-106	-91	-73	-53	-29	0	35	79	136	212	319
110	49.50	bu	-4	11	31	53	80	112	151	199	262	346	462
			-85	-68	-49	-26	0	31	70	119	182	265	382
120	54.00	bu	16	34	55	80	109	143	186	239	308	399	526
			-63	-45	-24	0	29	63	106	159	227	319	446
130	58.50	bu	37	57	80	106	138	175	221	279	353	452	590
			-42	-22	0	26	58	95	141	199	273	372	510
140	63.00	bu	58	80	104	133	167	207	257	319	399	505	654
			-21	0	24	53	87	127	177	239	319	425	574
150	67.50	bu	80	102	129	159	196	239	292	359	444	558	718
			0	22	49	79	116	159	212	279	364	478	638

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
Corn, Stale Seedbed, RR, Non-Irrigated, 8-Row 38"
Alluvial Soil, Northeast Louisiana, 2009.

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	4.75	1.0000	4.75	_____
GIN/DRY					
Dry Corn	bu	0.19	150.0000	28.50	_____
FERTILIZERS					
LA Phosphate	lb	0.88	60.0000	52.80	_____
LA Potash	lb	0.75	60.0000	45.00	_____
LA Nitrogen	lb	0.53	180.0000	95.40	_____
HERBICIDES					
Glyphosate Plus 4L	pt	3.91	2.0000	7.82	_____
2,4-D Amine 4	pt	1.82	1.0000	1.82	_____
Valor WP	oz	4.23	1.0000	4.23	_____
Roundup WeatherMax	oz	0.50	66.0000	33.00	_____
Atrazine 4L	pt	1.69	5.0000	8.45	_____
Select 2EC	oz	1.34	6.0000	8.04	_____
INSECTICIDES					
Karate Z	oz	3.09	2.1300	6.58	_____
Intrepid 2F	oz	1.97	6.0000	11.82	_____
Baythroid 2	oz	2.36	2.1300	5.03	_____
SEED/PLANTS					
Corn Seed RR	thous	2.25	32.0000	72.00	_____
CUSTOM HARVEST/HAUL					
Haul Corn	bu	0.20	150.0000	30.00	_____
LA 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	0.5334	5.11	_____
DIESEL FUEL					
Tractors	gal	2.20	4.8572	10.68	_____
Harvesters	gal	2.20	1.6602	3.65	_____
REPAIR & MAINTENANCE					
Implements	Acre	5.67	1.0000	5.67	_____
Tractors	Acre	1.91	1.0000	1.91	_____
Harvesters	Acre	2.26	1.0000	2.26	_____
INTEREST ON OP. CAP.	Acre	21.17	1.0000	21.17	_____

TOTAL DIRECT EXPENSES				492.29	_____
FIXED EXPENSES					
Implements	Acre	10.72	1.0000	10.72	_____
Tractors	Acre	14.67	1.0000	14.67	_____
Harvesters	Acre	10.83	1.0000	10.83	_____

TOTAL FIXED EXPENSES				36.22	_____

TOTAL SPECIFIED EXPENSES				528.51	_____

Table 12.B Estimated resource use and costs for field operations, per Acre
Corn, Stale Seedbed, RR, Non-Irrigated, 8-Row 38"
Alluvial Soil, Northeast Louisiana, 2009.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST DIRECT	POWER UNIT COST FIXED	EQUIPMENT COST DIRECT	EQUIPMENT COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING/DURABLE INPUT AMOUNT	OPERATING/DURABLE INPUT PRICE	OPERATING/DURABLE INPUT COST	TOTAL COST
						dollars					dollars			dollars	
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	1.07	1.20	0.27	0.68	0.08	0.80				4.02
LA Phosphate	lb											60.0000	0.88	52.80	52.80
LA Potash	lb											60.0000	0.75	45.00	45.00
Disk Harrow	28'	MFWD 225	0.070	1.00	Sep	2.11	2.49	0.65	1.72	0.07	0.67				7.64
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	1.86	2.12	0.30	0.99	0.07	0.71				5.98
Ditcher		2WD 130	0.020	1.00	Oct	0.34	0.36	0.04	0.06	0.02	0.19				0.99
App by Air (5 gal)	appl			1.00	Feb							1.0000	5.75	5.75	5.75
Glyphosate Plus 4L	pt											2.0000	3.91	7.82	7.82
2,4-D Amine 4	pt											1.0000	1.82	1.82	1.82
Valor WP	oz											1.0000	4.23	4.23	4.23
Ditcher		2WD 130	0.020	1.00	Mar	0.34	0.36	0.04	0.06	0.02	0.19				0.99
Roller	32'	MFWD 170	0.046	1.00	Mar	1.07	1.32	0.10	0.71	0.04	0.45				3.65
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	Mar	1.84	2.27	0.87	2.10	0.16	1.54				8.62
Corn Seed RR	thous											32.0000	2.25	72.00	72.00
LA Nitrogen	lb											30.0000	0.53	15.90	15.90
Ditcher		2WD 130	0.020	1.00	Mar	0.34	0.36	0.04	0.06	0.02	0.19				0.99
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	1.96	2.22	0.76	1.07	0.11	1.12				7.13
LA Nitrogen	lb											150.0000	0.53	79.50	79.50
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
Dual 8E	pt											1.0000			
Atrazine 4L	pt											3.0000	1.69	5.07	5.07
Karate Z	oz											2.1300	3.09	6.58	6.58
App by Air (5 gal)	appl			1.00	May							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
Atrazine 4L	pt											2.0000	1.69	3.38	3.38
Intrepid 2F	oz											6.0000	1.97	11.82	11.82
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.75	4.75	4.75
Baythroid 2	oz											2.1300	2.36	5.03	5.03
Header - Corn	6R38"	240hp	0.134	1.00	Aug	5.91	10.83	1.17	2.19	0.13	2.06				22.16
Dry Corn	bu											150.0000	0.19	28.50	28.50
Haul Corn	bu			1.00	Aug							150.0000	0.20	30.00	30.00
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Sep	1.66	1.97	1.43	1.08	0.08	0.79				6.93
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
Select 2EC	oz											6.0000	1.34	8.04	8.04
TOTALS						18.50	25.50	5.67	10.72	0.82	8.71			438.24	507.34
INTEREST ON OPERATING CAPITAL															21.17
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															528.51

Table 12.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
Corn, Stale Seedbed, RR, Non-Irrigated, 8-Row 38"
Alluvial Soil, Northeast Louisiana, 2009.

			BREAKEVEN PRICE									
Corn			2.32	2.45	2.61	2.80	3.02	3.28	3.60	4.00	4.51	5.20	6.16
PERCENT	YIELD	UNIT	dollars										
50	75.00	bu	-288	-277	-265	-252	-235	-216	-192	-162	-123	-72	0
			-324	-313	-302	-288	-271	-252	-228	-198	-159	-108	-36
60	90.00	bu	-259	-246	-232	-216	-196	-172	-144	-108	-61	0	86
			-295	-283	-268	-252	-232	-209	-180	-144	-97	-36	50
70	105.00	bu	-230	-216	-199	-180	-157	-129	-96	-54	0	72	172
			-266	-252	-235	-216	-193	-165	-132	-90	-36	35	136
80	120.00	bu	-201	-185	-166	-144	-117	-86	-48	0	61	144	259
			-237	-221	-202	-180	-154	-122	-84	-36	25	107	223
90	135.00	bu	-172	-154	-132	-108	-78	-43	0	54	123	216	345
			-209	-190	-169	-144	-114	-79	-36	17	87	179	309
100	150.00	bu	-144	-123	-99	-72	-39	0	48	108	185	288	432
			-180	-159	-135	-108	-75	-36	11	71	148	251	395
110	165.00	bu	-115	-92	-66	-36	0	43	96	162	246	360	518
			-151	-128	-102	-72	-36	6	59	125	210	323	482
120	180.00	bu	-86	-61	-33	0	39	86	144	216	308	432	604
			-122	-97	-69	-36	3	50	107	179	272	395	568
130	195.00	bu	-57	-30	0	36	78	129	192	270	370	504	691
			-93	-67	-36	-0	42	93	155	233	334	467	655
140	210.00	bu	-28	0	33	72	117	172	240	324	432	576	777
			-65	-36	-2	35	81	136	203	287	395	539	741
150	225.00	bu	0	30	66	108	157	216	288	378	493	648	864
			-36	-5	30	71	120	179	251	341	457	611	827

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

Table 12.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre
Corn, Stale Seedbed, RR, Non-Irrigated, 8-Row 38"
Alluvial Soil, Northeast Louisiana, 2009.

			BREAKEVEN PRICE									
Corn			2.48	2.63	2.80	3.00	3.23	3.52	3.87	4.30	4.86	5.60	6.64
PERCENT	YIELD	UNIT	dollars										
50	75.00	bu	-275	-264	-251	-236	-219	-197	-171	-139	-97	-41	36
			-312	-301	-288	-273	-255	-234	-208	-175	-133	-78	0
60	90.00	bu	-244	-231	-215	-197	-176	-151	-119	-80	-30	36	129
			-280	-267	-252	-234	-212	-187	-156	-117	-66	0	93
70	105.00	bu	-213	-197	-179	-158	-134	-104	-67	-22	36	114	223
			-249	-234	-216	-195	-170	-140	-104	-58	0	78	187
80	120.00	bu	-182	-164	-143	-119	-91	-57	-15	36	103	192	317
			-218	-200	-180	-156	-127	-93	-52	0	66	156	280
90	135.00	bu	-151	-131	-107	-80	-48	-10	36	94	170	270	410
			-187	-167	-144	-117	-85	-46	0	58	133	234	374
100	150.00	bu	-119	-97	-71	-41	-6	36	88	153	236	348	504
			-156	-133	-108	-78	-42	0	52	117	200	312	468
110	165.00	bu	-88	-64	-35	-2	36	83	140	211	303	426	598
			-124	-100	-72	-39	0	46	104	175	267	390	561
120	180.00	bu	-57	-30	0	36	78	129	192	270	370	504	691
			-93	-66	-36	0	42	93	156	234	334	468	655
130	195.00	bu	-26	2	36	75	121	176	244	328	437	582	785
			-62	-33	0	39	85	140	208	292	401	546	749
140	210.00	bu	5	36	72	114	163	223	296	387	504	660	879
			-31	0	36	78	127	187	260	351	468	624	842
150	225.00	bu	36	69	108	153	206	270	348	445	571	738	972
			0	33	72	117	170	234	312	409	535	702	936

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
Corn, Stale Seedbed, RR, Irrigated, 8-Row 38"
Alluvial Soil, Northeast Louisiana, 2009.

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	4.75	1.0000	4.75	
GIN/DRY					
Dry Corn	bu	0.19	180.0000	34.20	
FERTILIZERS					
LA Phosphate	lb	0.88	60.0000	52.80	
LA Potash	lb	0.75	60.0000	45.00	
LA Nitrogen	lb	0.53	210.0000	111.30	
HERBICIDES					
Glyphosate Plus 4L	pt	3.91	2.0000	7.82	
2,4-D Amine 4	pt	1.82	1.0000	1.82	
Valor WP	oz	4.23	1.0000	4.23	
Roundup WeatherMax	oz	0.50	66.0000	33.00	
Atrazine 4L	pt	1.69	5.0000	8.45	
Select 2EC	oz	1.34	6.0000	8.04	
INSECTICIDES					
Karate Z	oz	3.09	2.1300	6.58	
Baythroid 2	oz	2.36	2.1300	5.03	
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	
SEED/PLANTS					
Corn Seed RR	thous	2.25	32.0000	72.00	
CUSTOM HARVEST/HAUL					
Haul Corn	bu	0.20	180.0000	36.00	
LA 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	0.8327	7.98	
LA IRRIGATION LABOR					
Special Labor	hour	9.60	0.1500	1.44	
Implements	hour	9.60	0.0062	0.06	
DIESEL FUEL					
Tractors	gal	2.20	7.7458	17.04	
Harvesters	gal	2.20	1.6602	3.65	
Roll-Out Pipe Irr.	gal	2.20	8.5535	18.81	
REPAIR & MAINTENANCE					
Implements	Acre	6.09	1.0000	6.09	
Tractors	Acre	3.00	1.0000	3.00	
Harvesters	Acre	2.26	1.0000	2.26	
Roll-Out Pipe Irr.	Acre	4.37	1.0000	4.37	
INTEREST ON OP. CAP.	Acre	23.13	1.0000	23.13	

TOTAL DIRECT EXPENSES				552.05	
FIXED EXPENSES					
Implements	Acre	12.10	1.0000	12.10	
Tractors	Acre	23.10	1.0000	23.10	
Harvesters	Acre	10.83	1.0000	10.83	
Roll-Out Pipe Irr.	Acre	49.95	1.0000	49.95	

TOTAL FIXED EXPENSES				95.98	

TOTAL SPECIFIED EXPENSES				648.03	

Table 13.B Estimated resource use and costs for field operations, per Acre
Corn, Stale Seedbed, RR, Irrigated, 8-Row 38"
Alluvial Soil, Northeast Louisiana, 2009.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST DIRECT	POWER UNIT COST FIXED	EQUIPMENT COST DIRECT	EQUIPMENT COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING/DURABLE INPUT AMOUNT	OPERATING/DURABLE INPUT PRICE	OPERATING/DURABLE INPUT COST	TOTAL COST
						dollars					dollars			dollars	
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	1.07	1.20	0.27	0.68	0.08	0.80				4.02
LA Phosphate	lb											60.0000	0.88	52.80	52.80
LA Potash	lb											60.0000	0.75	45.00	45.00
Disk Harrow	28'	MFWD 225	0.070	1.00	Sep	2.11	2.49	0.65	1.72	0.07	0.67				7.64
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	1.86	2.12	0.30	0.99	0.07	0.71				5.98
Ditcher		2WD 130	0.020	1.00	Oct	0.34	0.36	0.04	0.06	0.02	0.19				0.99
App by Air (5 gal)	appl			1.00	Feb							1.0000	5.75	5.75	5.75
Glyphosate Plus 4L	pt											2.0000	3.91	7.82	7.82
2,4-D Amine 4	pt											1.0000	1.82	1.82	1.82
Valor WP	oz											1.0000	4.23	4.23	4.23
Ditcher		2WD 130	0.020	1.00	Mar	0.34	0.36	0.04	0.06	0.02	0.19				0.99
Roller	32'	MFWD 170	0.046	1.00	Mar	1.07	1.32	0.10	0.71	0.04	0.45				3.65
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	Mar	1.84	2.27	0.87	2.10	0.16	1.54				8.62
Corn Seed RR	thous											32.0000	2.25	72.00	72.00
LA Nitrogen	lb											30.0000	0.53	15.90	15.90
Ditcher		2WD 130	0.020	1.00	Mar	0.34	0.36	0.04	0.06	0.02	0.19				0.99
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	1.96	2.22	0.76	1.07	0.11	1.12				7.13
LA Nitrogen	lb											180.0000	0.53	95.40	95.40
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
Dual 8E	pt											1.0000			
Atrazine 4L	pt											3.0000	1.69	5.07	5.07
Karate Z	oz											2.1300	3.09	6.58	6.58
App by Air (5 gal)	appl			1.00	May							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
Atrazine 4L	pt											2.0000	1.69	3.38	3.38
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.75	4.75	4.75
Baythroid 2	oz											2.1300	2.36	5.03	5.03
Header - Corn	6R38"	240hp	0.134	1.00	Aug	5.91	10.83	1.17	2.19	0.13	2.06				22.16
Dry Corn	bu											180.0000	0.19	34.20	34.20
Corn Grain Cart 8R40	700bu	MFWD 190	0.025	0.25	Aug	0.15	0.18	0.04	0.09	0.00	0.06				0.52
Haul Corn	bu			1.00	Aug							180.0000	0.20	36.00	36.00
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Sep	1.66	1.97	1.43	1.08	0.08	0.79				6.93
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
Select 2EC	oz											6.0000	1.34	8.04	8.04
Roll-Out Pipe Irr.	Acre				Jul	7.30	8.25	23.56	51.24	0.44	4.31	1.0000		6.60	101.26
TOTALS						25.95	33.93	29.27	62.05	1.28	13.08			460.62	624.90
INTEREST ON OPERATING CAPITAL															23.13
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															648.03

Table 13.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
Corn, Stale Seedbed, RR, Irrigated, 8-Row 38"
Alluvial Soil, Northeast Louisiana, 2009.

			BREAKEVEN PRICE									
Corn			2.17	2.30	2.45	2.62	2.82	3.06	3.36	3.73	4.20	4.84	5.73
PERCENT	YIELD	UNIT	dollars										
50	90.00	bu	-319	-308	-295	-279	-261	-239	-213	-179	-137	-79	0
			-415	-404	-391	-375	-357	-335	-309	-275	-233	-175	-95
60	108.00	bu	-287	-274	-258	-239	-218	-191	-159	-119	-68	0	95
			-383	-370	-354	-335	-314	-287	-255	-215	-164	-95	-0
70	126.00	bu	-255	-239	-221	-199	-174	-143	-106	-59	0	79	191
			-351	-335	-317	-295	-270	-239	-202	-155	-95	-16	95
80	144.00	bu	-223	-205	-184	-159	-130	-95	-53	0	68	159	287
			-319	-301	-280	-255	-226	-191	-149	-95	-27	63	191
90	162.00	bu	-191	-171	-147	-119	-87	-47	0	59	137	239	383
			-287	-267	-243	-215	-183	-143	-95	-36	41	143	287
100	180.00	bu	-159	-137	-110	-79	-43	0	53	119	205	319	479
			-255	-233	-206	-175	-139	-95	-42	23	109	223	383
110	198.00	bu	-127	-102	-73	-39	0	47	106	179	274	399	575
			-223	-198	-169	-135	-95	-48	10	83	178	303	479
120	216.00	bu	-95	-68	-36	0	43	95	159	239	342	479	671
			-191	-164	-132	-95	-52	-0	63	143	246	383	575
130	234.00	bu	-63	-34	0	39	87	143	213	299	411	559	767
			-159	-130	-95	-55	-8	47	117	203	315	463	671
140	252.00	bu	-31	0	36	79	130	191	266	359	479	639	863
			-127	-95	-59	-16	34	95	170	263	383	543	767
150	270.00	bu	0	34	73	119	174	239	319	419	548	719	959
			-95	-61	-22	23	78	143	223	323	452	623	863

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
Corn, Stale Seedbed, RR, Irrigated, 8-Row 38"
Alluvial Soil, Northeast Louisiana, 2009.

			BREAKEVEN PRICE									
Corn			2.53	2.68	2.86	3.06	3.30	3.60	3.95	4.39	4.97	5.73	6.79
PERCENT	YIELD	UNIT	dollars										
50	90.00	bu	-287	-274	-258	-239	-218	-191	-159	-119	-68	0	95
			-383	-370	-354	-335	-314	-287	-255	-215	-164	-95	0
60	108.00	bu	-249	-233	-214	-191	-165	-134	-95	-47	13	95	211
			-345	-329	-310	-287	-261	-230	-191	-143	-82	0	115
70	126.00	bu	-211	-191	-169	-143	-113	-76	-31	24	95	191	326
			-307	-287	-265	-239	-209	-172	-127	-71	0	95	230
80	144.00	bu	-172	-150	-125	-95	-61	-19	32	95	178	287	441
			-268	-246	-221	-191	-157	-115	-63	0	82	191	345
90	162.00	bu	-134	-109	-81	-47	-8	38	95	167	260	383	556
			-230	-205	-177	-143	-104	-57	0	71	164	287	460
100	180.00	bu	-95	-68	-36	0	43	95	159	239	342	479	671
			-191	-164	-132	-95	-52	0	63	143	246	383	575
110	198.00	bu	-57	-27	7	47	95	153	223	311	424	575	786
			-153	-123	-88	-47	0	57	127	215	329	479	690
120	216.00	bu	-19	13	51	95	148	211	287	383	507	671	902
			-115	-82	-44	0	52	115	191	287	411	575	806
130	234.00	bu	19	54	95	143	200	268	351	455	589	767	1017
			-76	-41	0	47	104	172	255	359	493	671	921
140	252.00	bu	57	95	140	191	253	326	415	527	671	863	1132
			-38	0	44	95	157	230	319	431	575	767	1036
150	270.00	bu	95	137	184	239	305	383	479	599	754	959	1247
			0	41	88	143	209	287	383	503	658	863	1151

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
Corn, Stale Seedbed, BtRR, Irrigated, 8-Row 38"
Alluvial Soil, Northeast Louisiana, 2009.

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	4.75	1.0000	4.75	
GIN/DRY					
Dry Corn	bu	0.19	180.0000	34.20	
FERTILIZERS					
LA Phosphate	lb	0.88	60.0000	52.80	
LA Potash	lb	0.75	60.0000	45.00	
LA Nitrogen	lb	0.53	210.0000	111.30	
HERBICIDES					
Glyphosate Plus 4L	pt	3.91	2.0000	7.82	
2,4-D Amine 4	pt	1.82	1.0000	1.82	
Valor WP	oz	4.23	1.0000	4.23	
Roundup WeatherMax	oz	0.50	66.0000	33.00	
Atrazine 4L	pt	1.69	5.0000	8.45	
Select 2EC	oz	1.34	6.0000	8.04	
INSECTICIDES					
Baythroid 2	oz	2.36	2.1300	5.03	
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	
SEED/PLANTS					
Corn Seed BtRR	thous	2.42	32.0000	77.44	
CUSTOM HARVEST/HAUL					
Haul Corn	bu	0.20	180.0000	36.00	
LA 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	0.8264	7.92	
LA IRRIGATION LABOR					
Special Labor	hour	9.60	0.1500	1.44	
Implements	hour	9.60	0.0062	0.06	
DIESEL FUEL					
Tractors	gal	2.20	7.6847	16.91	
Harvesters	gal	2.20	1.6602	3.65	
Roll-Out Pipe Irr.	gal	2.20	8.5535	18.81	
REPAIR & MAINTENANCE					
Implements	Acre	6.05	1.0000	6.05	
Tractors	Acre	2.98	1.0000	2.98	
Harvesters	Acre	2.26	1.0000	2.26	
Roll-Out Pipe Irr.	Acre	4.37	1.0000	4.37	
INTEREST ON OP. CAP.	Acre	23.09	1.0000	23.09	

TOTAL DIRECT EXPENSES				550.62	
FIXED EXPENSES					
Implements	Acre	12.01	1.0000	12.01	
Tractors	Acre	22.92	1.0000	22.92	
Harvesters	Acre	10.83	1.0000	10.83	
Roll-Out Pipe Irr.	Acre	49.95	1.0000	49.95	

TOTAL FIXED EXPENSES				95.71	

TOTAL SPECIFIED EXPENSES				646.33	

Table 14.B Estimated resource use and costs for field operations, per Acre
Corn, Stale Seedbed, BtRR, Irrigated, 8-Row 38"
Alluvial Soil, Northeast Louisiana, 2009.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST DIRECT	POWER UNIT COST FIXED	EQUIPMENT COST DIRECT	EQUIPMENT COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING/DURABLE INPUT AMOUNT	OPERATING/DURABLE INPUT PRICE	OPERATING/DURABLE INPUT COST	TOTAL COST
						dollars					dollars			dollars	
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	1.07	1.20	0.27	0.68	0.08	0.80				4.02
LA Phosphate	lb											60.0000	0.88	52.80	52.80
LA Potash	lb											60.0000	0.75	45.00	45.00
Disk Harrow	28'	MFWD 225	0.070	1.00	Sep	2.11	2.49	0.65	1.72	0.07	0.67				7.64
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	1.86	2.12	0.30	0.99	0.07	0.71				5.98
Ditcher		2WD 130	0.020	1.00	Oct	0.34	0.36	0.04	0.06	0.02	0.19				0.99
App by Air (5 gal)	appl			1.00	Feb							1.0000	5.75	5.75	5.75
Glyphosate Plus 4L	pt											2.0000	3.91	7.82	7.82
2,4-D Amine 4	pt											1.0000	1.82	1.82	1.82
Valor WP	oz											1.0000	4.23	4.23	4.23
Ditcher		2WD 130	0.020	1.00	Mar	0.34	0.36	0.04	0.06	0.02	0.19				0.99
Roller	32'	MFWD 170	0.046	1.00	Mar	1.07	1.32	0.10	0.71	0.04	0.45				3.65
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	Mar	1.84	2.27	0.87	2.10	0.16	1.54				8.62
Corn Seed BtRR	thous											32.0000	2.42	77.44	77.44
LA Nitrogen	lb											30.0000	0.53	15.90	15.90
Ditcher		2WD 130	0.020	1.00	Mar	0.34	0.36	0.04	0.06	0.02	0.19				0.99
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	1.96	2.22	0.76	1.07	0.11	1.12				7.13
LA Nitrogen	lb											180.0000	0.53	95.40	95.40
App by Air (5 gal)	appl			1.00	Apr							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
Dual 8E	pt											1.0000			
Atrazine 4L	pt											3.0000	1.69	5.07	5.07
App by Air (5 gal)	appl			1.00	May							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
Atrazine 4L	pt											2.0000	1.69	3.38	3.38
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.75	4.75	4.75
Baythroid 2	oz											2.1300	2.36	5.03	5.03
Header - Corn	6R38"	240hp	0.134	1.00	Aug	5.91	10.83	1.17	2.19	0.13	2.06				22.16
Dry Corn	bu											180.0000	0.19	34.20	34.20
Haul Corn	bu			1.00	Aug							180.0000	0.20	36.00	36.00
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Sep	1.66	1.97	1.43	1.08	0.08	0.79				6.93
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
Select 2EC	oz											6.0000	1.34	8.04	8.04
Roll-Out Pipe Irr.	Acre				Jul	7.30	8.25	23.56	51.24	0.44	4.31	1.0000		6.60	101.26
TOTALS						25.80	33.75	29.23	61.96	1.27	13.02			459.48	623.24
INTEREST ON OPERATING CAPITAL															23.09
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															646.33

Table 14.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
Corn, Stale Seedbed, BtRR, Irrigated, 8-Row 38"
Alluvial Soil, Northeast Louisiana, 2009.

Corn			BREAKEVEN PRICE									
			2.17	2.29	2.44	2.61	2.81	3.05	3.35	3.72	4.19	4.83	5.71
PERCENT	YIELD	UNIT	dollars										
50	90.00	bu	-318	-307	-294	-279	-260	-239	-212	-179	-136	-79	0
			-414	-403	-390	-374	-356	-334	-308	-275	-232	-175	-95
60	108.00	bu	-287	-273	-257	-239	-217	-191	-159	-119	-68	0	95
			-382	-369	-353	-334	-313	-287	-255	-215	-164	-95	-0
70	126.00	bu	-255	-239	-220	-199	-173	-143	-106	-59	0	79	191
			-350	-334	-316	-295	-269	-239	-202	-155	-95	-15	95
80	144.00	bu	-223	-205	-183	-159	-130	-95	-53	0	68	159	287
			-318	-300	-279	-255	-226	-191	-148	-95	-27	63	191
90	162.00	bu	-191	-170	-147	-119	-86	-47	0	59	136	239	382
			-287	-266	-242	-215	-182	-143	-95	-35	40	143	286
100	180.00	bu	-159	-136	-110	-79	-43	0	53	119	205	318	478
			-255	-232	-206	-175	-139	-95	-42	23	109	223	382
110	198.00	bu	-127	-102	-73	-39	0	47	106	179	273	398	574
			-223	-198	-169	-135	-95	-47	10	83	177	302	478
120	216.00	bu	-95	-68	-36	0	43	95	159	239	341	478	669
			-191	-164	-132	-95	-52	-0	63	143	245	382	574
130	234.00	bu	-63	-34	0	39	86	143	212	298	410	558	765
			-159	-129	-95	-55	-8	47	116	203	314	462	669
140	252.00	bu	-31	0	36	79	130	191	265	358	478	637	861
			-127	-95	-58	-15	34	95	170	263	382	542	765
150	270.00	bu	0	34	73	119	173	239	318	418	546	717	956
			-95	-61	-22	23	78	143	223	322	450	621	861

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
Corn, Stale Seedbed, BtRR, Irrigated, 8-Row 38"
Alluvial Soil, Northeast Louisiana, 2009.

Corn			BREAKEVEN PRICE									
			2.52	2.67	2.85	3.05	3.30	3.59	3.94	4.38	4.95	5.71	6.78
PERCENT	YIELD	UNIT	dollars										
50	90.00	bu	-287	-273	-257	-239	-217	-191	-159	-119	-68	0	95
			-382	-369	-353	-334	-313	-287	-255	-215	-164	-95	0
60	108.00	bu	-248	-232	-213	-191	-165	-133	-95	-47	13	95	210
			-344	-328	-309	-287	-260	-229	-191	-143	-82	0	114
70	126.00	bu	-210	-191	-169	-143	-113	-76	-31	23	95	191	325
			-306	-287	-264	-239	-208	-172	-127	-71	0	95	229
80	144.00	bu	-172	-150	-125	-95	-60	-19	31	95	177	287	440
			-267	-246	-220	-191	-156	-114	-63	0	82	191	344
90	162.00	bu	-133	-109	-80	-47	-8	38	95	167	259	382	554
			-229	-205	-176	-143	-104	-57	0	71	164	287	459
100	180.00	bu	-95	-68	-36	0	43	95	159	239	341	478	669
			-191	-164	-132	-95	-52	0	63	143	246	382	574
110	198.00	bu	-57	-27	7	47	95	153	223	310	423	574	784
			-153	-123	-88	-47	0	57	127	215	328	478	688
120	216.00	bu	-19	13	51	95	147	210	287	382	505	669	899
			-114	-82	-44	0	52	114	191	287	410	574	803
130	234.00	bu	19	54	95	143	200	267	350	454	587	765	1014
			-76	-41	0	47	104	172	255	358	492	669	918
140	252.00	bu	57	95	139	191	252	325	414	526	669	861	1129
			-38	0	44	95	156	229	318	430	574	765	1033
150	270.00	bu	95	136	184	239	304	382	478	598	751	956	1243
			0	41	88	143	208	287	382	502	656	861	1148

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
Grain Sorghum, 8-Row Equipment (38" Rows),
Northeast Louisiana, 2009.

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	4.75	2.0000	9.50	_____
FERTILIZERS					
LA Nitrogen	lb	0.53	120.0000	63.60	_____
LA Phosphate	lb	0.88	35.0000	30.80	_____
LA Potash	lb	0.75	35.0000	26.25	_____
FUNGICIDES					
Cruiser 5FS	oz	17.38	1.2800	22.25	_____
HERBICIDES					
Roundup WeatherMax	oz	0.50	55.0000	27.50	_____
2,4-D Amine 4	pt	1.82	2.0000	3.64	_____
Atrazine 4L	pt	1.69	4.0000	6.76	_____
INSECTICIDES					
Karate Z	oz	3.09	4.2600	13.16	_____
Lannate LV	pt	7.67	1.5000	11.51	_____
SEED/PLANTS					
Sorghum Concept	lb	1.59	6.0000	9.54	_____
CUSTOM HARVEST/HAUL					
Haul Sorghum	bu	0.20	100.0000	20.00	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
LA HIRED LABOR					
Implements	hour	9.60	0.1190	1.14	_____
Tractors	hour	9.60	0.4011	3.85	_____
DIESEL FUEL					
Tractors	gal	2.20	3.4993	7.69	_____
Harvesters	gal	2.20	1.2047	2.65	_____
REPAIR & MAINTENANCE					
Implements	Acre	4.05	1.0000	4.05	_____
Tractors	Acre	1.38	1.0000	1.38	_____
Harvesters	Acre	1.73	1.0000	1.73	_____
INTEREST ON OP. CAP.	Acre	14.25	1.0000	14.25	_____

TOTAL DIRECT EXPENSES				291.18	_____
FIXED EXPENSES					
Implements	Acre	7.02	1.0000	7.02	_____
Tractors	Acre	10.62	1.0000	10.62	_____
Harvesters	Acre	8.27	1.0000	8.27	_____

TOTAL FIXED EXPENSES				25.91	_____

TOTAL SPECIFIED EXPENSES				317.09	_____

Table 15.B Estimated resource use and costs for field operations, per Acre
Grain Sorghum, 8-Row Equipment (38" Rows),
Northeast Louisiana, 2009.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST DIRECT	POWER UNIT COST FIXED	EQUIPMENT COST DIRECT	EQUIPMENT COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING/DURABLE INPUT AMOUNT	OPERATING/DURABLE INPUT PRICE	OPERATING/DURABLE INPUT COST	TOTAL COST
						dollars					dollars			dollars	
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	1.86	2.12	0.30	0.99	0.07	0.71				5.98
Roller	32'	MFWD 170	0.046	1.00	Oct	1.07	1.32	0.10	0.71	0.04	0.45				3.65
Ditcher		2WD 130	0.020	1.00	Oct	0.34	0.36	0.04	0.06	0.02	0.19				0.99
App by Air (5 gal)	appl			1.00	Mar							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
2,4-D Amine 4	pt											2.0000	1.82	3.64	3.64
Ditcher		2WD 130	0.020	1.00	Apr	0.34	0.36	0.04	0.06	0.02	0.19				0.99
Plant & Pre Rigid	8R-38	MFWD 170	0.080	1.00	Apr	1.84	2.27	0.87	2.10	0.16	1.54				8.62
Sorghum Concept	lb											6.0000	1.59	9.54	9.54
Cruiser 5FS	oz											1.2800	17.38	22.25	22.25
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	1.96	2.22	0.76	1.07	0.11	1.12				7.13
LA Nitrogen	lb											120.0000	0.53	63.60	63.60
LA Phosphate	lb											35.0000	0.88	30.80	30.80
LA Potash	lb											35.0000	0.75	26.25	26.25
Atrazine 4L	pt			1.00	Apr							4.0000	1.69	6.76	6.76
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
Dual 8E	pt											1.0000			
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.75	4.75	4.75
Karate Z	oz											2.1300	3.09	6.58	6.58
App by Air (3 gal)	appl			1.00	Jul							1.0000	4.75	4.75	4.75
Karate Z	oz											2.1300	3.09	6.58	6.58
Lannate LV	pt											1.5000	7.67	11.51	11.51
App by Air (5 gal)	appl			0.50	Aug							0.5000	5.75	2.88	2.88
Roundup WeatherMax	oz											11.0000	0.50	5.50	5.50
Header Wheat/Sorghum	30' Rigid	275hp	0.085	1.00	Aug	4.38	8.27	0.51	0.95	0.08	1.30				15.41
Haul Sorghum	bu			1.00	Aug							100.0000	0.20	20.00	20.00
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Sep	1.66	1.97	1.43	1.08	0.08	0.79				6.93
TOTALS						13.45	18.89	4.05	7.02	0.60	6.29			253.14	302.84
INTEREST ON OPERATING CAPITAL															14.25
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															317.09

Table 15.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
Grain Sorghum, 8-Row Equipment (38" Rows),
Northeast Louisiana, 2009.

			BREAKEVEN PRICE									
Grain Sorghum			2.00	2.13	2.28	2.46	2.66	2.91	3.21	3.58	4.07	4.71	5.61
PERCENT	YIELD	UNIT	dollars										
50	50.00	bu	-180	-173	-166	-157	-147	-135	-120	-101	-77	-45	0
			-206	-199	-192	-183	-173	-161	-146	-127	-103	-71	-25
60	60.00	bu	-162	-154	-145	-135	-123	-108	-90	-67	-38	0	54
			-188	-180	-171	-161	-148	-134	-116	-93	-64	-25	28
70	70.00	bu	-144	-135	-124	-112	-98	-81	-60	-33	0	45	108
			-170	-161	-150	-138	-124	-107	-86	-59	-25	19	82
80	80.00	bu	-126	-115	-104	-90	-73	-54	-30	0	38	90	162
			-152	-141	-129	-116	-99	-80	-55	-25	12	64	136
90	90.00	bu	-108	-96	-83	-67	-49	-27	0	33	77	135	216
			-134	-122	-109	-93	-75	-52	-25	7	51	109	190
100	100.00	bu	-90	-77	-62	-45	-24	0	30	67	115	180	270
			-116	-103	-88	-71	-50	-25	4	41	90	154	244
110	110.00	bu	-72	-57	-41	-22	0	27	60	101	154	225	324
			-98	-83	-67	-48	-25	1	34	75	128	199	298
120	120.00	bu	-54	-38	-20	0	24	54	90	135	193	270	378
			-80	-64	-46	-25	-1	28	64	109	167	244	352
130	130.00	bu	-36	-19	0	22	49	81	120	169	231	315	432
			-61	-45	-25	-3	23	55	94	143	206	289	407
140	140.00	bu	-18	0	20	45	73	108	150	202	270	360	487
			-43	-25	-5	19	47	82	124	177	244	334	461
150	150.00	bu	0	19	41	67	98	135	180	236	309	405	541
			-25	-6	15	41	72	109	154	210	283	379	515

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
Grain Sorghum, 8-Row Equipment (38" Rows),
Northeast Louisiana, 2009.

			BREAKEVEN PRICE									
Grain Sorghum			2.18	2.32	2.48	2.67	2.90	3.17	3.50	3.91	4.44	5.14	6.13
PERCENT	YIELD	UNIT	dollars										
50	50.00	bu	-171	-164	-156	-147	-135	-122	-105	-85	-58	-23	25
			-197	-190	-182	-172	-161	-148	-131	-111	-84	-49	0
60	60.00	bu	-151	-143	-133	-122	-108	-92	-72	-48	-16	25	85
			-177	-169	-159	-148	-134	-118	-98	-74	-42	0	59
70	70.00	bu	-132	-122	-110	-97	-81	-63	-39	-11	25	75	144
			-158	-148	-136	-123	-107	-88	-65	-37	0	49	118
80	80.00	bu	-112	-101	-88	-72	-54	-33	-7	25	68	124	203
			-138	-127	-114	-98	-80	-59	-32	0	42	98	177
90	90.00	bu	-92	-79	-65	-48	-28	-3	25	62	110	174	263
			-118	-105	-91	-74	-53	-29	0	37	84	148	237
100	100.00	bu	-72	-58	-42	-23	-1	25	58	100	152	223	322
			-98	-84	-68	-49	-26	0	32	74	127	197	296
110	110.00	bu	-53	-37	-19	1	25	55	91	137	195	273	381
			-79	-63	-45	-24	0	29	65	111	169	247	355
120	120.00	bu	-33	-16	3	25	52	85	124	174	237	322	441
			-59	-42	-22	0	26	59	98	148	211	296	415
130	130.00	bu	-13	4	25	50	79	114	157	211	280	371	500
			-39	-21	0	24	53	88	131	185	254	345	474
140	140.00	bu	6	25	48	75	106	144	190	248	322	421	559
			-19	0	22	49	80	118	164	222	296	395	533
150	150.00	bu	25	47	71	100	133	174	223	285	364	470	618
			0	21	45	74	107	148	197	259	338	444	593

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
Wheat, 8-Row Equipment, Drill Plant,
Alluvial Soil, Louisiana, 2009.

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	4.75	2.0000	9.50	_____
FERTILIZERS					
LA Phosphate	lb	0.88	45.0000	39.60	_____
LA Potash	lb	0.75	45.0000	33.75	_____
LA Nitrogen	lb	0.53	80.0000	42.40	_____
HERBICIDES					
Harmony Extra	oz	14.65	4.0000	58.60	_____
Osprey	oz	3.44	4.7500	16.34	_____
INSECTICIDES					
Karate Z	oz	3.09	2.1300	6.58	_____
SEED/PLANTS					
Wheat Seed Private	lb	0.27	90.0000	24.30	_____
ADJUVANTS					
Surfactant	pt	1.68	0.2000	0.34	_____
Crop Oil (Seed Oil)	pt	2.51	1.5000	3.76	_____
CUSTOM FERT/LIME					
App Fert by Air(Min)	appl	5.00	1.0000	5.00	_____
CUSTOM HARVEST/HAUL					
Haul Wheat	bu	0.20	60.0000	12.00	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.0851	1.30	_____
LA HIRED LABOR					
Implements	hour	9.60	0.1049	1.00	_____
Tractors	hour	9.60	0.2736	2.61	_____
DIESEL FUEL					
Tractors	gal	2.20	2.8544	6.28	_____
Harvesters	gal	2.20	1.2047	2.65	_____
REPAIR & MAINTENANCE					
Implements	Acre	2.74	1.0000	2.74	_____
Tractors	Acre	1.11	1.0000	1.11	_____
Harvesters	Acre	1.73	1.0000	1.73	_____
INTEREST ON OP. CAP.	Acre	8.05	1.0000	8.05	_____

TOTAL DIRECT EXPENSES				285.39	_____
FIXED EXPENSES					
Implements	Acre	6.99	1.0000	6.99	_____
Tractors	Acre	8.53	1.0000	8.53	_____
Harvesters	Acre	8.27	1.0000	8.27	_____

TOTAL FIXED EXPENSES				23.79	_____

TOTAL SPECIFIED EXPENSES				309.18	_____

Table 16.B Estimated resource use and costs for field operations, per Acre
Wheat, 8-Row Equipment, Drill Plant,
Alluvial Soil, Louisiana, 2009.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST DIRECT	POWER UNIT COST FIXED	EQUIPMENT COST DIRECT	EQUIPMENT COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING/DURABLE INPUT AMOUNT	OPERATING/DURABLE INPUT PRICE	OPERATING/DURABLE INPUT COST	TOTAL COST
						dollars					dollars			dollars	
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Oct	1.07	1.20	0.27	0.68	0.08	0.80				4.02
LA Phosphate	lb											45.0000	0.88	39.60	39.60
LA Potash	lb											45.0000	0.75	33.75	33.75
Disk Harrow	28'	MFWD 225	0.070	1.00	Oct	2.11	2.49	0.65	1.72	0.07	0.67				7.64
Row Cond (Plant)	27'	MFWD 190	0.078	1.00	Oct	1.98	2.25	0.19	0.98	0.07	0.75				6.15
Ditcher		2WD 130	0.020	1.00	Oct	0.34	0.36	0.04	0.06	0.02	0.19				0.99
Grain Drill	30'	MFWD 225	0.062	1.00	Dec	1.89	2.23	1.08	2.60	0.12	1.20				9.00
Wheat Seed Private	lb											90.0000	0.27	24.30	24.30
App by Air (5 gal)	appl			1.00	Dec							1.0000	5.75	5.75	5.75
Harmony Extra	oz											4.0000	14.65	58.60	58.60
Surfactant	pt											0.2000	1.68	0.34	0.34
App Fert by Air(Min)	appl			1.00	Feb							1.0000	5.00	5.00	5.00
LA Nitrogen	lb											80.0000	0.53	42.40	42.40
App by Air (3 gal)	appl			1.00	Feb							1.0000	4.75	4.75	4.75
Osprey	oz											4.7500	3.44	16.34	16.34
Crop Oil (Seed Oil)	pt											1.5000	2.51	3.76	3.76
App by Air (3 gal)	appl			1.00	Apr							1.0000	4.75	4.75	4.75
Karate Z	oz											2.1300	3.09	6.58	6.58
Header Wheat/Sorghum	30' Rigid	275hp	0.085	1.00	May	4.38	8.27	0.51	0.95	0.08	1.30				15.41
Haul Wheat	bu			1.00	May							60.0000	0.20	12.00	12.00
TOTALS						11.77	16.80	2.74	6.99	0.46	4.91			257.92	301.13
INTEREST ON OPERATING CAPITAL															8.05
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															309.18

Table 16.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
Wheat, 8-Row Equipment, Drill Plant,
Alluvial Soil, Louisiana, 2009.

			BREAKEVEN PRICE									
LA Wheat			3.24	3.45	3.70	3.99	4.34	4.75	5.26	5.89	6.70	7.78	9.30
PERCENT	YIELD	UNIT	dollars										
50	30.00	bu	-181	-175	-167	-159	-148	-136	-121	-102	-77	-45	0
			-205	-199	-191	-182	-172	-160	-145	-126	-101	-69	-23
60	36.00	bu	-163	-155	-146	-136	-123	-109	-90	-68	-38	0	54
			-187	-179	-170	-160	-147	-132	-114	-91	-62	-23	30
70	42.00	bu	-145	-136	-125	-113	-99	-81	-60	-34	0	45	109
			-169	-160	-149	-137	-122	-105	-84	-57	-23	21	85
80	48.00	bu	-127	-116	-104	-90	-74	-54	-30	0	38	90	163
			-151	-140	-128	-114	-98	-78	-54	-23	15	67	139
90	54.00	bu	-109	-97	-83	-68	-49	-27	0	34	77	136	218
			-132	-121	-107	-91	-73	-51	-23	10	54	112	194
100	60.00	bu	-90	-77	-62	-45	-24	0	30	68	116	181	272
			-114	-101	-86	-69	-48	-23	6	44	93	158	248
110	66.00	bu	-72	-58	-41	-22	0	27	60	102	155	227	327
			-96	-82	-65	-46	-23	3	36	78	132	203	303
120	72.00	bu	-54	-38	-20	0	24	54	90	136	194	272	381
			-78	-62	-44	-23	1	30	67	112	171	248	358
130	78.00	bu	-36	-19	0	22	49	81	121	170	233	318	436
			-60	-43	-23	-1	25	58	97	146	210	294	412
140	84.00	bu	-18	0	20	45	74	109	151	204	272	363	491
			-41	-23	-2	21	50	85	127	180	248	339	467
150	90.00	bu	0	19	41	68	99	136	181	238	311	409	545
			-23	-4	18	44	75	112	158	214	287	385	521

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
Wheat, 8-Row Equipment, Drill Plant,
Alluvial Soil, Louisiana, 2009.

			BREAKEVEN PRICE									
LA Wheat			3.50	3.74	4.01	4.32	4.70	5.15	5.70	6.38	7.27	8.44	10.09
PERCENT	YIELD	UNIT	dollars										
50	30.00	bu	-173	-166	-158	-149	-137	-124	-108	-87	-60	-25	23
			-197	-190	-182	-172	-161	-148	-131	-111	-84	-49	0
60	36.00	bu	-154	-145	-135	-124	-111	-94	-75	-50	-18	23	83
			-177	-169	-159	-148	-134	-118	-98	-74	-42	0	59
70	42.00	bu	-134	-124	-113	-99	-84	-65	-42	-13	23	73	142
			-158	-148	-136	-123	-107	-88	-65	-37	0	49	118
80	48.00	bu	-114	-103	-90	-75	-57	-35	-9	23	66	122	201
			-138	-127	-114	-98	-80	-59	-32	0	42	98	177
90	54.00	bu	-94	-82	-67	-50	-30	-5	23	60	108	172	261
			-118	-105	-91	-74	-53	-29	0	37	84	148	237
100	60.00	bu	-75	-60	-44	-25	-3	23	56	97	150	221	320
			-98	-84	-68	-49	-26	0	32	74	127	197	296
110	66.00	bu	-55	-39	-21	-0	23	53	89	135	193	270	379
			-79	-63	-45	-24	0	29	65	111	169	247	355
120	72.00	bu	-35	-18	0	23	50	83	122	172	235	320	438
			-59	-42	-22	0	26	59	98	148	211	296	415
130	78.00	bu	-15	2	23	48	77	112	155	209	277	369	498
			-39	-21	0	24	53	88	131	185	254	345	474
140	84.00	bu	4	23	46	73	104	142	188	246	320	419	557
			-19	0	22	49	80	118	164	222	296	395	533
150	90.00	bu	23	44	69	97	131	172	221	283	362	468	616
			0	21	45	74	107	148	197	259	338	444	593

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
Wheat and Irrigated Soybeans, (double crop),
Alluvial Soil, Northeast Louisiana, 2009.

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	4.75	5.0000	23.75	_____
FERTILIZERS					
LA Phosphate	lb	0.88	45.0000	39.60	_____
LA Potash	lb	0.75	45.0000	33.75	_____
LA Nitrogen	lb	0.53	80.0000	42.40	_____
FUNGICIDES					
Quadris	oz	2.16	6.0000	12.96	_____
Cruiser 5FS	oz	17.38	4.0000	69.52	_____
Folicur 3.6	oz	2.33	3.0000	6.99	_____
HERBICIDES					
Osprey	oz	3.44	9.5000	32.68	_____
Roundup WeatherMax	oz	0.50	88.0000	44.00	_____
Valor WP	oz	4.23	2.0000	8.46	_____
INSECTICIDES					
Karate Z	oz	3.09	4.2600	13.16	_____
Endigo ZC	pt	30.11	0.2500	7.53	_____
Orthene 90S	lb	8.42	0.7500	6.32	_____
Intrepid 2F	oz	1.97	6.0000	11.82	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.20	33.0000	6.60	_____
SEED/PLANTS					
Wheat Seed Private	lb	0.27	90.0000	24.30	_____
Soybean Seed RR	lb	0.74	50.0000	37.00	_____
ADJUVANTS					
Surfactant	pt	1.68	1.5000	2.52	_____
Crop Oil (Seed Oil)	pt	2.51	3.0000	7.53	_____
CUSTOM HARVEST/HAUL					
Haul Wheat	bu	0.20	50.0000	10.00	_____
Haul Soybeans	bu	0.20	45.0000	9.00	_____
LA OPERATOR LABOR					
Harvesters	hour	15.30	0.1702	2.60	_____
LA HIRED LABOR					
Implements	hour	9.60	0.2739	2.62	_____
Tractors	hour	9.60	0.8594	8.23	_____
LA IRRIGATION LABOR					
Special Labor	hour	9.60	0.1500	1.44	_____
Implements	hour	9.60	0.0062	0.06	_____
DIESEL FUEL					
Tractors	gal	2.20	8.0704	17.76	_____
Harvesters	gal	2.20	2.4094	5.30	_____
Roll-Out Pipe Irr.	gal	2.20	4.8877	10.74	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.08	1.0000	7.08	_____
Tractors	Acre	3.13	1.0000	3.13	_____
Harvesters	Acre	1.72	1.0000	1.72	_____
Roll-Out Pipe Irr.	Acre	3.35	1.0000	3.35	_____
INTEREST ON OP. CAP.	Acre	19.51	1.0000	19.51	_____

TOTAL DIRECT EXPENSES				562.17	_____
FIXED EXPENSES					
Implements	Acre	15.34	1.0000	15.34	_____
Tractors	Acre	24.01	1.0000	24.01	_____
Harvesters	Acre	8.26	1.0000	8.26	_____
Roll-Out Pipe Irr.	Acre	49.95	1.0000	49.95	_____

TOTAL FIXED EXPENSES				97.56	_____

TOTAL SPECIFIED EXPENSES				659.73	_____

Table 17.B Estimated resource use and costs for field operations, per Acre
Wheat and Irrigated Soybeans, (double crop),
Alluvial Soil, Northeast Louisiana, 2009.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST DIRECT	POWER UNIT COST FIXED	EQUIPMENT COST DIRECT	EQUIPMENT COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING/DURABLE INPUT AMOUNT	OPERATING/DURABLE INPUT PRICE	OPERATING/DURABLE INPUT COST	TOTAL COST
						dollars					dollars			dollars	
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	1.07	1.20	0.27	0.68	0.08	0.80				4.02
LA Phosphate	lb											45.0000	0.88	39.60	39.60
LA Potash	lb											45.0000	0.75	33.75	33.75
Disk Harrow	28'	MFWD 170	0.070	1.00	Oct	1.61	1.98	0.65	1.72	0.07	0.67				6.63
Row Cond (Plant)	27'	MFWD 190	0.078	1.00	Oct	1.98	2.25	0.19	0.98	0.07	0.75				6.15
Ditcher		2WD 130	0.020	1.00	Nov	0.34	0.36	0.04	0.06	0.02	0.19				0.99
Grain Drill	30'	MFWD 225	0.062	1.00	Dec	1.89	2.23	1.08	2.60	0.12	1.20				9.00
Wheat Seed Private	lb											90.0000	0.27	24.30	24.30
App by Air (5 gal)	appl			1.00	Dec							1.0000	5.75	5.75	5.75
Surfactant	pt											1.5000	1.68	2.52	2.52
Osprey	oz											4.7500	3.44	16.34	16.34
Crop Oil (Seed Oil)	pt											1.5000	2.51	3.76	3.76
App by Air (3 gal)	appl			1.00	Feb							1.0000	4.75	4.75	4.75
Osprey	oz											4.7500	3.44	16.34	16.34
Crop Oil (Seed Oil)	pt											1.5000	2.51	3.76	3.76
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Mar	1.07	1.20	0.27	0.68	0.08	0.80				4.02
LA Nitrogen	lb											80.0000	0.53	42.40	42.40
App by Air (3 gal)	appl			1.00	Apr							1.0000	4.75	4.75	4.75
Karate Z	oz											2.1300	3.09	6.58	6.58
Header- Wh/Sorg(DC)	30' Rigid	275	0.085	1.00	May	3.51	4.13	0.25	0.47	0.08	1.30				9.66
Haul Wheat	bu			1.00	May							50.0000	0.20	10.00	10.00
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	May	1.66	1.97	1.43	1.08	0.08	0.79				6.93
Roundup WeatherMax	oz			1.00	May							22.0000	0.50	11.00	11.00
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	2.67	3.02	2.06	4.97	0.21	2.04				14.76
Soybean Seed RR	lb											50.0000	0.74	37.00	37.00
Ditcher		2WD 130	0.020	1.00	May	0.34	0.36	0.04	0.06	0.02	0.19				0.99
App by Air (3 gal)	appl			1.00	Jun							1.0000	4.75	4.75	4.75
Karate Z	oz											2.1300	3.09	6.58	6.58
Quadris	oz											6.0000	2.16	12.96	12.96
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	Jul	0.96	1.19	0.12	0.18	0.06	0.61				3.06
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
App by Air (5 gal)	appl			1.00	Jul							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
Cruiser 5FS	oz											4.0000	17.38	69.52	69.52
App by Air (5 gal)	appl			1.00	Jul							1.0000	5.75	5.75	5.75
Roundup WeatherMax	oz											22.0000	0.50	11.00	11.00
Endigo ZC	pt											0.2500	30.11	7.53	7.53
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Folicur 3.6	oz											3.0000	2.33	6.99	6.99
App by Air (3 gal)	appl			1.00	Aug							1.0000	4.75	4.75	4.75
Orthene 90S	lb											0.7500	8.42	6.32	6.32
Intrepid 2F	oz											6.0000	1.97	11.82	11.82
App by Air (5 gal)	appl			1.00	Sep							1.0000	5.75	5.75	5.75
Gramoxone Extra	pt											1.5000			
Header-Soybean (DC)	30' Flex	275	0.085	1.00	Oct	3.51	4.13	0.30	0.57	0.08	1.30				9.81
Haul Soybeans	bu			1.00	Oct							45.0000	0.20	9.00	9.00
Roll-Out Pipe Irr.	Acre				Jul	7.30	8.25	14.47	51.24	0.44	4.31	1.0000		6.60	92.17
TOTALS						27.91	32.27	21.17	65.29	1.45	14.95			478.63	640.22
INTEREST ON OPERATING CAPITAL															19.51
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															659.73

APPENDIX

Appendix Table 1. Tractors/Harvesters

RECORD NUM	ITEM NAME	SIZE	FUEL TYPE	FUEL USE	LAB TYPE	LAB MULT	PUR PRICE	R&M RATE	ANN USE	SALV RATE	USE LIFE
46	Combine (250-299 hp)	275hp	DI	14.15	1	1	194693	25	300	30	8
47	Combine (300-349 hp)	325hp	DI	16.73	1	1	228109	25	300	30	8
48	Combine (350-379 hp)	370hp	DI	19.04	1	1	240137	25	300	30	8
62	Combine (395-420)	400hp	DI	20.58	1	1	273622	25	300	30	8
45	Cotton Stripper	173 hp	DI	8.08	1	1	134267	25	200	30	8
36	Tractor(40-59hp)Cab	2WD 50	DI	2.5736	1	1	28984	15	600	40	8
37	Tractor(40-59hp)Cab	MFWD 50	DI	2.5736	1	1	31863	15	600	40	8
1	Tractor(40-59hp)RB	2WD 50	DI	2.5736	1	1	18617	15	600	40	8
35	Tractor(40-59hp)RB	MFWD 50	DI	2.5736	1	1	23528	15	600	40	8
38	Tractor(60-89hp)CAB	2WD 75	DI	3.8604	1	1	36964	15	600	40	8
40	Tractor(60-89hp)CAB	MFWD 75	DI	3.8604	1	1	41620	15	600	40	8
2	Tractor(60-89hp)RB	2WD 75	DI	3.8604	1	1	27169	15	600	40	8
39	Tractor(60-89hp)RB	MFWD 75	DI	3.8604	1	1	33056	15	600	40	8
42	Tractor(90-119hp)CB	2WD 105	DI	5.4046	1	1	54137	15	600	40	8
43	Tractor(90-119hp)CB	MFWD 105	DI	5.4046	1	1	64936	15	600	40	8
3	Tractor(90-119hp)RB	2WD 105	DI	5.4046	1	1	37544	15	600	40	8
41	Tractor(90-119hp)RB	MFWD 105	DI	5.4046	1	1	44843	15	600	40	8
4	Tractor(120-139hp)CB	2WD 130	DI	6.6914	1	1	76003	15	600	40	8
44	Tractor(120-139hp)CB	MFWD 130	DI	6.6914	1	1	88605	15	600	40	8
5	Tractor(140-159hp)CB	2WD 150	DI	7.7209	1	1	88335	15	600	40	8
18	Tractor(140-159hp)CB	MFWD 150	DI	7.7209	1	1	102055	15	600	40	8
6	Tractor(160-179hp)CB	2WD 170	DI	8.7503	1	1	95567	15	600	35	8
19	Tractor(160-179hp)CB	MFWD 170	DI	8.7503	1	1	116823	15	600	35	8
7	Tractor(180-199hp)CB	2WD 190	DI	9.7798	1	1	109958	15	600	35	8
21	Tractor(180-199hp)CB	MFWD 190	DI	9.7798	1	1	118310	15	600	35	8
8	Tractor(200-249hp)C	4WD 225	DI	11.5813	1	1	147066	15	600	35	8
9	Tractor(200-249hp)CB	MFWD 225	DI	11.5813	1	1	146615	15	600	35	8
22	Tractor(200-249hp)CB	Track 225	DI	11.5813	1	1	168214	15	600	35	8
23	Tractor(250-349hp)CB	4WD 300	DI	15.4418	1	1	171753	15	600	35	8
61	Tractor(250-349hp)CB	MFWD 300	DI	15.4418	1	1	175962	15	600	35	8
24	Tractor(250-349hp)CB	Track 300	DI	15.4418	1	1	185222	15	600	35	8
25	Tractor(350-449hp)CB	4WD 400	DI	20.5890	1	1	203681	15	600	35	8
26	Tractor(350-449hp)CB	Track 400	DI	20.5890	1	1	245097	15	600	35	8
55	Tractor(450-550)CB	Track 475	DI	24.449	1	1	279879	15	600	35	8
56	Tractor(450-550hp)CB	4WD 500	DI	24.449	1	1	246077	15	600	35	8

Table 2. Self-Propelled Machines

RECORD NUM	ITEM NAME	SIZE	HR/ AC	AC/ HR	WIDTH	SPEED	EFF	FUEL TYPE	FUEL USE	LAB TYPE	LAB MULT	ALAB TYPE	ALAB QUAN	PUR PRICE	R&M RATE	ANN USE	SALV RATE	USE LIFE
70	ATV - 4 Wheeler	20' Rope W	0.05288	18.91074	20.0	12.0	65	GA	.5	1	1	4	.5	8679	25	100	35	8
92	Backhoe	2WD Cab			0.0	0.0	0	DI		1	1			65678				
42	Cotton Picker-1st-BB	4R-30(250)	0.32738	3.05455	10.0	3.6	70	DI	12.868121		1	4	1	256715	25	200	30	8
72	Cotton Picker-1st-BB	4R-30(325)	0.32738	3.05455	10.0	3.6	70	DI	16.729 1		1	4	1	307909	25	200	30	8
14	Cotton Picker-1st-BB	4R-38(255)	0.25778	3.87927	12.7	3.6	70	DI	13.125481		1	4	1	259280	25	200	30	8
45	Cotton Picker-1st-BB	4R-38(325)	0.25778	3.87927	12.7	3.6	70	DI	16.729 1		1	4	1	320624	25	200	30	8
48	Cotton Picker-1st-BB	4R2x1(350)	0.17231	5.80364	19.0	3.6	70	DI	18.015371		1	4	1	329206	25	200	30	8
51	Cotton Picker-1st-BB	5R-30(255)	0.26190	3.81818	12.5	3.6	70	DI	13.125481		1	4	1	280811	25	200	30	8
15	Cotton Picker-1st-BB	5R-38(250)	0.20720	4.82618	15.8	3.6	70	DI	12.868 1		1	4	1	284601	25	200	30	8
76	Cotton Picker-1st-BB	6R-30(325)	0.21825	4.58182	15.0	3.6	70	DI	18.015371		1	4	1	401833	25	200	30	8
31	Cotton Picker-1st-BB	6R-38(330)	0.17231	5.80364	19.0	3.6	70	DI	18.015371		1	4	1	400016	25	200	30	8
43	Cotton Picker-1st-Tr	4R-30(250)	0.32738	3.05455	10.0	3.6	70	DI	12.868 1		1	4	1	256715	25	200	30	8
73	Cotton Picker-1st-Tr	4R-30(325)	0.32738	3.05455	10.0	3.6	70	DI	16.729 1		1	4	1	307909	25	200	30	8
17	Cotton Picker-1st-Tr	4R-38(255)	0.25778	3.87927	12.7	3.6	70	DI	13.125 1		1	4	1	259280	25	200	30	8
46	Cotton Picker-1st-Tr	4R-38(325)	0.25778	3.87927	12.7	3.6	70	DI	16.729 1		1	4	1	320624	25	200	30	8
49	Cotton Picker-1st-Tr	4R2x1(350)	0.17231	5.80364	19.0	3.6	70	DI	18.015381		1	4	1	329206	25	200	30	8
66	Cotton Picker-1st-Tr	5R-30(255)	0.26190	3.81818	12.5	3.6	70	DI	13.125 1		1	4	1	280811	25	200	30	8
67	Cotton Picker-1st-Tr	5R-38(250)	0.20720	4.82618	15.8	3.6	70	DI	12.868 1		1	4	1	284601	25	200	30	8
77	Cotton Picker-1st-Tr	6R-30(325)	0.21825	4.58182	15.0	3.6	70	DI	18.015371		1	4	1	401833	25	200	30	8
65	Cotton Picker-1st-Tr	6R-38(330)	0.17231	5.80364	19.0	3.6	70	DI	18.015371		1	4	1	400016	25	200	30	8
59	Cotton Picker-2nd-BB	4R-30(250)	0.27731	3.60606	10.0	4.2	70	DI	12.868 1		1	4	1	256715	25	200	30	8
75	Cotton Picker-2nd-BB	4R-30(325)	0.27731	3.60606	10.0	4.2	70	DI	16.729 1		1	4	1	307909	25	200	30	8
61	Cotton Picker-2nd-BB	4R-38(255)	0.21835	4.57970	12.7	4.2	70	DI	13.125 1		1	4	1	259280	25	200	30	8
62	Cotton Picker-2nd-BB	4R-38(325)	0.21835	4.579803	12.7	4.2	70	DI	16.729 1		1	4	1	320624	25	200	30	8
58	Cotton Picker-2nd-BB	4R2x1(350)	0.14595	6.85152	19.0	4.2	70	DI	18.015381		1	4	1	329206	25	200	30	8
63	Cotton Picker-2nd-BB	5R-30(255)	0.22185	4.50758	12.5	4.2	70	DI	13.125 1		1	4	1	280811	25	200	30	8
64	Cotton Picker-2nd-BB	5R-38(250)	0.17551	5.69758	15.8	4.2	70	DI	12.868 1		1	4	1	284601	25	200	30	8
78	Cotton Picker-2nd-BB	6R-30(325)	0.18487	5.40909	15.0	4.2	70	DI	18.015371		1	4	1	401833	25	200	30	8
60	Cotton Picker-2nd-BB	6R-38(330)	0.14595	6.85152	19.0	4.2	70	DI	18.015371		1	4	1	400016	25	200	30	8
44	Cotton Picker-2nd-Tr	4R-30(250)	0.27731	3.60606	10.0	4.2	70	DI	12.868 1		1	4	1	256715	25	200	30	8
74	Cotton Picker-2nd-Tr	4R-30(325)	0.27731	3.60606	10.0	4.2	70	DI	16.729 1		1	4	1	307909	25	200	30	8
19	Cotton Picker-2nd-Tr	4R-38(255)	0.21835	4.57970	12.7	4.2	70	DI	13.125 1		1	4	1	259280	25	200	30	8
47	Cotton Picker-2nd-Tr	4R-38(325)	0.21835	4.57970	12.7	4.2	70	DI	16.729 1		1	4	1	320624	25	200	30	8
50	Cotton Picker-2nd-Tr	4R2x1(350)	0.14595	6.85152	19.0	4.2	70	DI	18.015381		1	4	1	329206	25	200	30	8
52	Cotton Picker-2nd-Tr	5R-30(255)	0.22185	4.50758	12.5	4.2	70	DI	13.125 1		1	4	1	280811	25	200	30	8
20	Cotton Picker-2nd-Tr	5R-38(250)	0.17551	5.69758	15.8	4.2	70	DI	12.868 1		1	4	1	284601	25	200	30	8
79	Cotton Picker-2nd-Tr	6R-30(325)	0.18487	5.40909	15.0	4.2	70	DI	18.015371		1	4	1	401833	25	200	30	8
57	Cotton Picker-2nd-Tr	6R-38(330)	0.14595	6.85152	19.0	4.2	70	DI	18.015371		1	4	1	400016	25	200	30	8
101	Cotton Picker/Module	4R38(365)	0.25778	3.87927	12.7	3.6	70	DI	18.787 1		1.0	4	1	455497	25	200	30	8
100	Cotton Picker/Module	6R30(365)	0.21825	4.58182	15.0	3.6	70	DI	18.787 1		1.0	4	1	506901	25	200	30	8
99	Cotton Picker/Module	6R38(365)	0.17231	5.80364	19.0	3.6	70	DI	18.787 1		1.0	4	1	505437	25	200	30	8
87	Dry Applicator SP	70'300cuft	0.01511	66.18133	70.0	12.0	65	DI	15.442 1		1	4	.5	247266	15	350	30	8
85	Sprayer(110Gal)	30' 47hp	0.03526	28.36364	30.0	12.0	65	DI	2.574 1		1	4	.5	36568	15	350	30	8
22	Sprayer(300-450Gal)	60'	0.01763	56.72727	60.0	12.0	65	DI	5.662 1		1	4	.5	85701	15	350	30	8
81	Sprayer(300-450Gal)	80'	0.01322	75.63636	80.0	12.0	65	DI	5.662 1		1	4	.5	88123	15	350	30	8
54	Sprayer(600-750Gal)	60'	0.01763	56.72727	60.0	12.0	65	DI	10.295 1		1	4	.5	129370	15	350	30	8
83	Sprayer(600-825Gal)	80'	0.01322	75.63636	80.0	12.0	65	DI	10.295 1		1	4	.5	141780	15	350	30	8
55	Sprayer(600-825Gal)	90'	0.01175	85.09091	90.0	12.0	65	DI	10.295 1		1	4	.5	187300	15	350	30	8
56	Sprayer(1000-1400Gal	100'	0.01058	94.54545	100.0	12.0	65	DI	14.155 1		1	4	.5	222727	15	350	30	8
84	Sprayer(1200PlusGal)	120'	0.00881	113.4545	120.0	12.0	65	DI	15.442 1		1	4	.5	259282	15	350	30	8
94	Utility Vehicle	20'	0.05288	18.91074	20.0	12.0	65	GA	.7	1	1	4	.5	12413	25	200	30	8
93	Utility Vehicle	75" Rope W	0.16789	5.95636	6.3	12.0	65	GA	.5	1	1	4	.5	10771	25	200	30	8

Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre, Louisiana, 2009.

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	1,313	200	20	0.020	0.19	0.29	0.01	0.04	0.54	0.01	0.35	0.91
Blade-Box	10'	2WD 50	2,904	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	4,748	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	1,149	200	20	1.176	11.29	6.66	0.64	0.68	19.28	0.69	5.12	25.10
Blade-Scraper	10'	2WD 50	2,912	200	20	1.176	11.29	6.66	1.62	0.68	20.26	1.75	5.12	27.14
Blade-Scraper	14'	2WD 50	5,450	200	20	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Boll Buggy-1st Pick	2R38"157hp	MFWD 190	25,891	200	10	0.519	4.98	11.18	3.36	1.92	21.45	8.66	14.85	44.97
Boll Buggy-1st pick	4R2x1260hp	MFWD 190	25,891	200	10	0.172	1.65	3.70	1.11	0.63	7.11	2.87	4.92	14.91
Boll Buggy-1st pick	4R30"255hp	MFWD 190	26,045	200	10	0.327	3.14	7.04	2.13	1.21	13.52	5.49	9.36	28.38
Boll Buggy-1st pick	4R30"325hp	MFWD 190	26,045	200	10	0.327	3.14	7.04	2.13	1.21	13.52	5.49	9.36	28.38
Boll Buggy-1st pick	4R38"255hp	MFWD 190	26,045	200	10	0.257	2.47	5.54	1.67	0.95	10.65	4.32	7.37	22.34
Boll Buggy-1st pick	4R38"325hp	MFWD 190	26,045	200	10	0.257	2.47	5.54	1.67	0.95	10.65	4.32	7.37	22.34
Boll Buggy-1st pick	5R30"255hp	MFWD 190	26,045	200	10	0.261	2.51	5.63	1.70	0.96	10.82	4.39	7.48	22.70
Boll Buggy-1st pick	5R38"255hp	MFWD 190	26,045	200	10	0.207	1.98	4.45	1.34	0.76	8.56	3.47	5.92	17.96
Boll Buggy-1st pick	6R30"325hp	MFWD 190	26,045	200	10	0.218	2.09	4.69	1.42	0.80	9.01	3.66	6.24	18.92
Boll Buggy-1st pick	6R38"325hp	MFWD 190	26,045	200	10	0.172	1.65	3.70	1.12	0.63	7.12	2.89	4.92	14.93
Boll Buggy-2nd pick	2R38"157hp	MFWD 190	25,891	200	10	0.440	4.22	9.47	2.84	1.62	18.17	7.34	12.58	38.10
Boll Buggy-2nd pick	4R2x1260hp	MFWD 190	25,891	200	10	0.145	1.40	3.14	0.94	0.53	6.02	2.43	4.17	12.63
Boll Buggy-2nd pick	4R30"255hp	MFWD 190	26,045	200	10	0.277	2.66	5.96	1.80	1.02	11.45	4.65	7.92	24.04
Boll Buggy-2nd pick	4R30"325hp	MFWD 190	26,045	200	10	0.277	2.66	5.96	1.80	1.02	11.45	4.65	7.92	24.04
Boll Buggy-2nd pick	4R38 255hp	MFWD 190	26,045	200	10	0.218	2.09	4.69	1.42	0.80	9.02	3.66	6.24	18.92
Boll Buggy-2nd pick	4R38 325hp	MFWD 190	26,045	200	10	0.218	2.09	4.69	1.42	0.80	9.02	3.66	6.24	18.92
Boll Buggy-2nd pick	5R30"255hp	MFWD 190	26,045	200	10	0.221	2.12	4.77	1.44	0.82	9.16	3.72	6.34	19.23
Boll Buggy-2nd pick	5R38"255hp	MFWD 190	26,045	200	10	0.175	1.68	3.77	1.14	0.64	7.25	2.94	5.01	15.21
Boll Buggy-2nd pick	6R30"325hp	MFWD 190	26,045	200	10	0.184	1.77	3.97	1.20	0.68	7.63	3.10	5.28	16.02
Boll Buggy-2nd pick	6R38"325hp	MFWD 190	26,045	200	10	0.145	1.40	3.14	0.95	0.53	6.03	2.44	4.17	12.65
Boll Buggy-Stripper	13' Bcast	MFWD 150	26,045	200	10	0.251	2.41	4.27	1.63	0.80	9.13	4.22	6.01	19.37
Boll Buggy-Stripper	16' Bcast	MFWD 150	26,045	200	10	0.204	1.96	3.47	1.33	0.65	7.42	3.43	4.88	15.74
Boll Buggy-Stripper	19' Bcast	MFWD 150	26,045	200	10	0.172	1.65	2.92	1.12	0.54	6.25	2.89	4.11	13.25
Boll Buggy-Stripper	4R30"2X1Br	MFWD 150	26,045	200	10	0.218	2.09	3.70	1.42	0.69	7.91	3.66	5.21	16.79
Boll Buggy-Stripper	4R30"Brush	MFWD 150	26,045	200	10	0.327	3.14	5.56	2.13	1.04	11.87	5.49	7.81	25.18
Boll Buggy-Stripper	4R38"2X1Br	MFWD 150	26,045	200	10	0.172	1.65	2.92	1.12	0.54	6.25	2.89	4.11	13.25
Boll Buggy-Stripper	4R38"Brush	MFWD 150	26,045	200	10	0.257	2.47	4.37	1.67	0.82	9.35	4.32	6.15	19.83
Boll Buggy-Stripper	5R30"Brush	MFWD 150	26,045	200	10	0.261	2.51	4.44	1.70	0.83	9.50	4.39	6.25	20.15
Boll Buggy-Stripper	5R38"Brush	MFWD 150	26,045	200	10	0.207	1.98	3.51	1.34	0.66	7.51	3.47	4.94	15.94
Boll Buggy-Stripper	6R30"Brush	MFWD 150	26,045	200	10	0.218	2.09	3.70	1.42	0.69	7.91	3.66	5.21	16.79
Chisel Plow(Folding)	16'	2WD 130	12,422	150	12	0.115	1.10	1.70	0.51	0.27	3.60	1.15	2.05	6.81
Chisel Plow(Folding)	24'	MFWD 190	25,073	150	12	0.076	0.73	1.64	0.69	0.28	3.35	1.54	2.18	7.08
Chisel Plow(Folding)	32'	MFWD 225	30,224	150	12	0.057	0.55	1.47	0.63	0.26	2.92	1.40	2.04	6.37
Chisel Plow(Folding)	42'	MFWD 225	34,465	150	12	0.044	0.42	1.12	0.54	0.20	2.29	1.22	1.55	5.07
Chisel Plow(Rigid)	15'	2WD 130	9,338	150	12	0.123	1.18	1.81	0.41	0.29	3.70	0.92	2.19	6.82
Chisel Plow(Rigid)	24'	MFWD 190	8,244	150	12	0.077	0.73	1.65	0.22	0.28	2.91	0.51	2.20	5.62
Chisel-Harrow	21 shank	2WD 190	8,951	150	12	0.088	0.84	1.89	0.28	0.30	3.32	0.63	2.33	6.30
Chisel-Harrow	27 shank	MFWD 225	11,186	150	12	0.068	0.65	1.74	0.27	0.31	2.99	0.61	2.42	6.03
Colter-Chisel-Harrow	21 shank	2WD 190	15,679	150	12	0.088	0.84	1.89	0.49	0.30	3.54	1.11	2.33	6.99
Colter-Chisel-Harrow	27 shank	MFWD 225	19,837	150	12	0.068	0.65	1.74	0.49	0.31	3.20	1.09	2.42	6.72
Corn Grain Cart 8R30	500 bu	MFWD 190	16,979	200	12	0.031	0.30	0.68	0.14	0.11	1.25	0.32	0.91	2.49
Corn Grain Cart 8R40	700bu	MFWD 190	23,337	200	12	0.025	0.24	0.53	0.15	0.09	1.02	0.35	0.71	2.09
Cult & Post	4R-38	2WD 105	15,243	150	10	0.173	2.49	2.05	0.70	0.20	5.46	2.32	1.52	9.31
Cult & Post	6R-30	MFWD 150	19,672	150	10	0.146	2.11	2.49	0.76	0.46	5.84	2.54	3.50	11.88
Cult & Post	6R-38	MFWD 150	21,022	150	10	0.115	1.66	1.96	0.64	0.36	4.65	2.14	2.76	9.56
Cult & Post	8R-30	MFWD 190	22,731	150	10	0.110	1.58	2.36	0.66	0.40	5.02	2.20	3.14	10.37
Cult & Post	8R-38	MFWD 190	25,776	150	10	0.086	1.25	1.87	0.59	0.32	4.04	1.97	2.48	8.50
Cult & Post	8R-38 2x1	MFWD 190	36,848	150	10	0.057	0.83	1.24	0.56	0.21	2.86	1.87	1.65	6.39
Cult & Post	10R-30	MFWD 225	30,843	150	10	0.088	1.26	2.24	0.72	0.40	4.63	2.39	3.11	10.14
Cult & Post	10R-38	MFWD 225	0	150	10	0.065	0.93	1.65	0.00	0.29	2.89	0.00	2.30	5.19
Cult & Post	12R-30	MFWD 225	38,690	150	10	0.073	1.05	1.86	0.75	0.33	4.01	2.50	2.59	9.11
Cult & Post	12R-38	MFWD 225	36,848	150	10	0.057	0.83	1.47	0.56	0.26	3.14	1.87	2.05	7.07
Cultipacker	12'	2WD 130	4,640	300	12	0.124	1.19	1.83	0.13	0.29	3.45	0.23	2.21	5.90
Cultipacker	20'	MFWD 150	12,011	300	12	0.074	0.71	1.26	0.21	0.23	2.43	0.36	1.78	4.58
Cultivate	4R-38	2WD 105	9,748	150	10	0.162	1.55	1.93	0.42	0.19	4.10	1.39	1.42	6.92
Cultivate	6R-30	MFWD 150	14,177	150	10	0.137	1.32	2.33	0.51	0.43	4.61	1.71	3.28	9.61
Cultivate	6R-38	MFWD 150	15,527	150	10	0.108	1.04	1.84	0.44	0.34	3.68	1.48	2.59	7.75
Cultivate	8R-30	MFWD 190	17,236	150	10	0.103	0.99	2.21	0.47	0.38	4.06	1.56	2.94	8.57
Cultivate	8R-38	MFWD 190	20,281	150	10	0.081	0.78	1.75	0.44	0.30	3.27	1.45	2.33	7.06
Cultivate	8R-38 2x1	MFWD 190	30,828	150	10	0.054	0.52	1.16	0.44	0.20	2.33	1.47	1.55	5.36
Cultivate	10R-30	MFWD 225	25,348	150	10	0.082	0.79	2.10	0.55	0.37	3.82	1.84	2.92	8.59
Cultivate	10R-38	MFWD 225	0	150	10	0.065	0.62	1.65	0.00	0.29	2.58	0.00	2.30	4.88
Cultivate	12R-30	MFWD 225	28,375	150	10	0.068	0.66	1.75	0.52	0.31	3.24	1.71	2.43	7.40
Cultivate	12R-38	MFWD 225	30,828	150	10	0.054	0.52	1.38	0.44	0.24	2.59	1.47	1.92	5.99
Disk & Incorporate	14'	2WD 130	22,039	200	10	0.149	2.15	2.20	0.98	0.35	5.70	2.17	2.66	10.54
Disk & Incorporate	24'	MFWD 190	34,957	200	10	0.087	1.25	1.87	0.91	0.32	4.37	2.01	2.49	8.88
Disk & Incorporate	32'	4WD 225	40,404	200	10	0.068	0.99	1.75	0.83	0.31	3.89	1.83	2.44	8.17
Disk & Incorporate	42'	MFWD 225	30,542	200	10	0.049	0.70	1.25	0.44	0.22	2.63	0.99	1.74	5.36
Disk Bed (Hipper)	4R-38	MFWD 150	7,781	160	10	0.147	1.41	2.50	0.28	0.47	4.68	0.94	3.52	9.15
Disk Bed (Hipper)	6R-30	MFWD 170	12,271	160	10	0.125	1.20	2.40	0.38	0.45	4.44	1.26	3.52	9.24
Disk Bed (Hipper)	6R-38	MFWD 170	12,271	160	10	0.098	0.94	1.89	0.30	0.36	3.50	1.00	2.78	7.29
Disk Bed (Hipper)	8R-30	MFWD 190	13,070	160	10	0.093	0.90	2.01	0.30	0.34	3.57	1.01	2.68	7.26

Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre Louisiana, 2009.

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	R&M Imp.	R&M P.U.	Total Direct	Fixed Imp.	Fixed P.U.	Total Cost
			dollars	hours	years	hr/ac	$/acre							
Disk Bed (Hipper)	8R-38 2x1	MFWD 190	24,825	160	10	0.049	0.47	1.06	0.30	0.18	2.02	1.01	1.41	4.44
Disk Bed (Hipper)	10R-30	MFWD 225	17,142	160	10	0.075	0.72	1.91	0.32	0.34	3.29	1.06	2.65	7.01
Disk Bed (Hipper)	10R-38	MFWD 225	18,026	160	10	0.059	0.56	1.50	0.26	0.27	2.61	0.88	2.09	5.58
Disk Bed (Hipper)	12R-30	MFWD 225	19,414	160	10	0.062	0.60	1.59	0.30	0.28	2.78	1.00	2.21	5.99
Disk Bed (Hipper)	12R-38	MFWD 225	24,825	160	10	0.049	0.47	1.25	0.30	0.22	2.26	1.01	1.74	5.02
Disk Bed (Hipper)Fld	8R-38	MFWD 190	18,404	160	10	0.074	0.71	1.59	0.34	0.27	2.92	1.12	2.11	6.16
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	16,166	160	10	0.074	0.71	1.59	0.29	0.27	2.87	0.98	2.11	5.98
Disk Bed w/roller	8R-30	2WD 190	15,186	160	10	0.093	0.90	2.01	0.35	0.32	3.59	1.17	2.49	7.26
Disk Bed w/roller	12R-30	MFWD 225	26,498	160	10	0.062	0.60	1.59	0.41	0.28	2.89	1.36	2.21	6.47
Disk Harrow	14'	2WD 130	16,544	180	10	0.140	1.34	2.06	0.64	0.33	4.39	1.70	2.49	8.59
Disk Harrow	24'	MFWD 190	29,462	180	10	0.081	0.78	1.76	0.66	0.30	3.51	1.77	2.34	7.63
Disk Harrow	28'	MFWD 225	33,301	180	10	0.070	0.67	1.78	0.64	0.32	3.43	1.71	2.48	7.63
Disk Harrow	32'		38,421	180	10	0.061	0.93	0.00	0.65	***.******.**	1.73	***.******.**		
Disk Harrow	42'	MFWD 225	0	180	10	0.046	0.44	1.19	0.00	0.21	1.85	0.00	1.65	3.51
Ditcher		2WD 130	4,717	200	10	0.020	0.19	0.29	0.03	0.04	0.57	0.06	0.35	0.98
Ditcher (1m/160a)		2WD 130	4,717	200	10	0.009	0.09	0.13	0.01	0.02	0.26	0.02	0.16	0.46
Fert Appl (Liquid)	4R-38	MFWD 150	12,995	150	8	0.154	2.22	2.62	1.33	0.49	6.68	1.88	3.69	12.26
Fert Appl (Liquid)	6R-30	MFWD 170	15,834	150	8	0.130	1.88	2.52	1.38	0.47	6.26	1.94	3.69	11.90
Fert Appl (Liquid)	6R-38	MFWD 170	12,360	150	8	0.103	1.48	1.99	0.85	0.37	4.70	1.19	2.91	8.82
Fert Appl (Liquid)	8R-30	MFWD 190	15,032	150	8	0.098	1.41	2.11	0.98	0.36	4.87	1.38	2.80	9.06
Fert Appl (Liquid)	8R-38	MFWD 190	14,694	150	8	0.077	1.11	1.67	0.76	0.28	3.83	1.06	2.22	7.12
Fert Appl (Liquid)	8R-38 2x1	MFWD 190	17,350	150	8	0.051	0.74	1.11	0.59	0.19	2.64	0.83	1.47	4.96
Fert Appl (Liquid)	10R-30	MFWD 225	15,757	150	8	0.078	1.13	2.00	0.82	0.35	4.31	1.15	2.78	8.26
Fert Appl (Liquid)	10R-38	MFWD 225	17,187	150	8	0.061	0.89	1.57	0.70	0.28	3.46	0.99	2.19	6.65
Fert Appl (Liquid)	12R-30	MFWD 225	17,187	150	8	0.078	1.13	2.00	0.90	0.35	4.39	1.26	2.78	8.44
Fert Appl (Liquid)	12R-38	MFWD 225	17,350	150	8	0.051	0.74	1.31	0.59	0.23	2.89	0.83	1.83	5.56
Field Cult & Inc	12'	2WD 150	13,605	100	10	0.132	1.90	2.24	0.44	0.36	4.96	2.37	2.73	10.07
Field Cult & Inc	24'	MFWD 170	24,679	100	10	0.066	0.95	1.27	0.40	0.24	2.87	2.15	1.86	6.89
Field Cult & Inc	32'	MFWD 190	33,211	100	10	0.049	0.71	1.06	0.41	0.18	2.37	2.17	1.41	5.96
Field Cult & Inc	42'	MFWD 225	43,618	100	10	0.037	0.54	0.96	0.41	0.17	2.09	2.17	1.33	5.60
Field Cultivate	12'	2WD 150	8,110	100	10	0.124	1.19	2.11	0.25	0.34	3.90	1.33	2.57	7.80
Field Cultivate	24'	MFWD 170	19,184	100	10	0.062	0.59	1.19	0.29	0.22	2.32	1.57	1.75	5.65
Field Cultivate	32'	MFWD 190	27,716	100	10	0.046	0.44	1.00	0.32	0.17	1.94	1.70	1.33	4.99
Field Cultivate	42'	MFWD 225	37,598	100	10	0.035	0.34	0.90	0.33	0.16	1.74	1.76	1.25	4.77
Field Cultivate	50'	MFWD 225	46,014	100	10	0.029	0.28	0.76	0.34	0.13	1.52	1.81	1.05	4.40
Gate Installer		2WD 130	2,960	10	10	0.020	0.38	0.29	0.17	0.04	0.90	0.76	0.35	2.02
Grain Drill	12'	2WD 130	16,364	150	8	0.157	3.01	2.31	0.96	0.37	6.66	2.32	2.79	11.79
Grain Drill	15'	MFWD 150	22,094	150	8	0.125	2.41	2.13	1.04	0.40	5.99	2.51	3.00	11.50
Grain Drill	20'	MFWD 170	32,266	150	8	0.094	1.81	1.81	1.14	0.34	5.11	2.75	2.66	10.52
Grain Drill	24'	MFWD 190	40,244	150	8	0.078	1.50	1.69	1.18	0.29	4.67	2.86	2.24	9.78
Grain Drill	30'	MFWD 225	45,658	150	8	0.062	1.20	1.60	1.07	0.28	4.17	2.59	2.22	8.99
Grain Drill & Pre	12'	2WD 130	21,859	150	8	0.169	3.24	2.49	1.38	0.40	7.52	3.34	3.00	13.88
Grain Drill & Pre	15'	MFWD 150	27,589	150	8	0.135	2.59	2.29	1.40	0.43	6.73	3.38	3.23	13.34
Grain Drill & Pre	20'	MFWD 170	37,308	150	8	0.101	1.94	1.95	1.42	0.37	5.69	3.42	2.86	11.99
Grain Drill & Pre	24'	MFWD 190	45,739	150	8	0.084	1.62	1.82	1.45	0.31	5.20	3.50	2.41	11.13
Grain Drill & Pre	30'	MFWD 225	51,153	150	8	0.067	1.29	1.72	1.29	0.31	4.63	3.13	2.39	10.16
Harrow	13'	2WD 130	3,690	200	10	0.119	1.14	1.75	0.15	0.28	3.34	0.29	2.12	5.75
Harrow	21'	2WD 150	4,590	200	10	0.073	0.70	1.25	0.11	0.20	2.28	0.22	1.52	4.04
Harrow	40'	MFWD 190	10,620	200	10	0.038	0.37	0.83	0.14	0.14	1.49	0.27	1.11	2.87
Harrow	47'	MFWD 190	11,000	200	10	0.033	0.31	0.71	0.12	0.12	1.27	0.24	0.94	2.46
Header - Corn	4R-38	240hp	25,147	300	8	0.201	3.07	5.46	1.26	3.38	13.19	2.36	16.20	31.76
Header - Corn	6R30"	240hp	33,754	300	8	0.170	2.60	4.62	1.43	2.86	11.53	2.68	13.72	27.94
Header - Corn	6R38"	240hp	34,739	300	8	0.134	2.05	3.65	1.16	2.26	9.13	2.18	10.83	22.15
Header - Corn	8R-30	240hp	43,818	300	8	0.127	1.95	3.46	1.39	2.14	8.97	2.61	10.29	21.88
Header - Corn	8R-38	275hp	44,579	300	8	0.100	1.54	3.14	1.12	2.04	7.86	2.10	9.80	19.77
Header - Corn	12R-20	275hp	59,449	300	8	0.127	1.95	3.97	1.89	2.59	10.41	3.55	12.40	26.37
Header - Corn	12R-30	275hp	66,811	300	8	0.085	1.30	2.65	1.42	1.72	7.10	2.66	8.26	18.03
Header - Rice (CL)	22' Rigid	240hp	21,887	300	8	0.288	4.41	7.83	1.57	4.85	18.68	2.95	23.24	44.88
Header - Rice (CL)	25' Rigid	240hp	29,405	300	8	0.253	3.88	6.89	1.86	4.27	16.91	3.49	20.45	40.86
Header - Rice (CL)	30' Rigid	275hp	26,406	300	8	0.211	3.23	6.58	1.39	4.29	15.50	2.61	20.54	38.66
Header - Rice (SL)	22' Rigid	240hp	21,887	300	8	0.250	3.82	6.79	1.36	4.20	16.19	2.56	20.14	38.89
Header - Rice (SL)	25' Rigid	240hp	29,405	300	8	0.220	3.36	5.97	1.61	3.70	14.66	3.02	17.72	35.41
Header - Rice (SL)	30' Rigid	275hp	26,406	300	8	0.183	2.80	5.70	1.21	3.71	13.44	2.26	17.80	33.50
Header - Soybean	15' Flex	240hp	0	300	8	0.170	2.60	4.62	0.00	2.86	10.09	0.00	13.72	23.81
Header - Soybean	18' Flex	240hp	20,309	300	8	0.141	2.17	3.85	0.72	2.38	9.13	1.34	11.43	21.91
Header - Soybean	22' Flex	240hp	21,525	300	8	0.116	1.77	3.15	0.62	1.95	7.50	1.16	9.35	18.03
Header - Soybean	25' Flex	275hp	24,801	300	8	0.102	1.56	3.18	0.63	2.07	7.44	1.18	9.92	18.55
Header - Soybean	30' Flex	275hp	28,376	300	8	0.085	1.30	2.65	0.60	1.72	6.28	1.13	8.26	15.68
Header Wheat/Sorghum	18' Rigid	240hp	19,069	300	8	0.141	2.17	3.85	0.67	2.38	9.09	1.26	11.43	21.79
Header Wheat/Sorghum	22' Rigid	240hp	19,323	300	8	0.116	1.77	3.15	0.56	1.95	7.44	1.04	9.35	17.85
Header Wheat/Sorghum	25' Rigid	240hp	21,281	300	8	0.102	1.56	2.77	0.54	1.71	6.60	1.01	8.23	15.85
Header Wheat/Sorghum	30' Rigid	275hp	23,782	300	8	0.085	1.30	2.65	0.50	1.72	6.18	0.94	8.26	15.40
Header- Wh/Sorg(DC)	30' Rigid	275	23,782	600	8	0.085	1.30	2.65	0.25	0.86	5.06	0.47	4.13	9.67
Header-Cotton Bcast	13'	173hp	18,000	200	8	0.251	6.27	4.47	0.84	5.28	16.88	3.18	25.29	45.35
Header-Cotton-Bcast	16'	173hp	21,060	200	8	0.204	5.09	3.63	0.80	4.29	13.83	3.02	20.55	37.41
Header-Cotton-Bcast	19'	173hp	22,770	200	8	0.172	4.29	3.06	0.73	3.61	11.70	2.75	17.30	31.76

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre Louisiana, 2009.

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---- Imp.	P.U.	Total Direct	--Fixed--- Imp.	P.U.	Total Cost
			dollars	hours	years	hr/ac	----------$/acre----------							
Header-Cotton-Brush	4R30"	173hp	20,520	200	8	0.327	8.15	5.81	1.25	6.86	22.09	4.71	32.88	59.70
Header-Cotton-Brush	4R30"2X1	173hp	25,160	200	8	0.218	5.43	3.87	1.02	4.57	14.92	3.85	21.92	40.70
Header-Cotton-Brush	4R38"	173hp	24,907	200	8	0.257	6.41	4.58	1.20	5.40	17.61	4.50	25.89	48.01
Header-Cotton-Brush	4R38"2X1	173hp	26,355	200	8	0.172	4.29	3.06	0.85	3.61	11.81	3.18	17.30	32.31
Header-Cotton-Brush	5R-30	173hp	31,354	200	8	0.261	6.52	4.65	1.53	5.49	18.21	5.76	26.30	50.28
Header-Cotton-Brush	5R-38	173hp	32,585	200	8	0.207	5.15	3.68	1.26	4.34	14.45	4.73	20.81	40.00
Header-Cotton-Brush	6R-30	173hp	38,857	200	8	0.218	5.43	3.87	1.59	4.57	15.48	5.95	21.92	43.35
Header-Soybean (DC)	30' Flex	275	28,376	600	8	0.085	1.30	2.65	0.30	0.86	5.11	0.56	4.13	9.81
Heavy Disk	14'	MFWD 150	18,791	180	10	0.145	1.40	2.47	0.76	0.46	5.10	2.01	3.48	10.60
Heavy Disk	21'	MFWD 170	23,720	180	10	0.097	0.93	1.87	0.64	0.35	3.80	1.69	2.74	8.24
Heavy Disk	27'	MFWD 190	34,304	180	10	0.075	0.72	1.62	0.72	0.27	3.35	1.90	2.16	7.42
LA Boom Sprayer	30 ft	MFWD 150	3,000	150	10	0.059	0.57	1.01	0.13	0.19	1.91	0.17	1.43	3.52
Land Plane	40'x10'	MFWD 190	6,020	200	10	0.242	2.32	5.22	0.29	0.89	8.73	0.96	6.93	16.64
Land Plane	50'x16'	MFWD 190	7,466	200	10	0.151	1.45	3.26	0.22	0.56	5.50	0.74	4.33	10.59
LARice Backhoe-Rrmnt	2 ft	MFWD 150	6,000	100	10	0.500	4.80	8.49	2.64	1.59	17.52	4.37	11.94	33.83
LARice Land Level	13 ft	MFWD 150	7,500	200	15	0.190	1.82	3.22	0.15	0.60	5.81	0.83	4.54	11.19
LARice Levee Plow	8 ft	4WD 300	4,600	150	10	0.050	0.48	1.69	0.07	0.26	2.52	0.22	2.07	4.82
LARice Water Level	24 ft	4WD 300	3,500	100	15	0.149	1.43	5.09	0.23	0.80	7.56	0.61	6.22	14.40
Levee Splitter (1/80	2 blade	2WD 150	5,600	50	10	0.004	0.04	0.07	0.00	0.01	0.12	0.06	0.08	0.27
Lo-Till & Bed	4R-38	MFWD 190	5,100	150	12	0.145	1.39	3.13	0.26	0.53	5.33	0.61	4.16	10.10
Middle Buster	6R-38	MFWD 150	10,503	160	8	0.120	1.15	2.04	0.29	0.38	3.87	1.14	2.87	7.88
Middle Buster	8R-30	MFWD 190	15,543	160	8	0.114	1.09	2.45	0.41	0.42	4.39	1.60	3.26	9.26
Middle Buster	8R-38	MFWD 190	14,075	160	8	0.090	0.86	1.94	0.29	0.33	3.44	1.15	2.58	7.17
Middle Buster	8R-40 2x1	MFWD 190	23,063	160	8	0.060	0.57	1.29	0.32	0.22	2.41	1.25	1.71	5.39
Middle Buster	10R-30	MFWD 225	17,561	160	8	0.091	0.87	2.32	0.37	0.41	3.99	1.45	3.23	8.68
Middle Buster	10R-38	MFWD 225	18,654	160	8	0.072	0.69	1.83	0.31	0.33	3.17	1.21	2.55	6.94
Middle Buster	12R-38	MFWD 225	23,063	160	8	0.060	0.57	1.53	0.32	0.27	2.70	1.25	2.12	6.09
Module Builder-1st	2R-38(157)	MFWD 190	33,304	200	10	0.519	9.97	11.18	4.32	1.92	27.40	11.14	14.85	53.41
Module Builder-1st	4R-30(255)	MFWD 190	35,588	200	10	0.327	6.28	7.04	2.91	1.21	17.45	7.50	9.36	34.31
Module Builder-1st	4R-30(325)	MFWD 190	35,588	200	10	0.327	6.28	7.04	2.91	1.21	17.45	7.50	9.36	34.31
Module Builder-1st	4R-38(255)	MFWD 190	35,588	200	10	0.257	4.94	5.54	2.29	0.95	13.74	5.90	7.37	27.02
Module Builder-1st	4R-38(325)	MFWD 190	35,588	200	10	0.257	4.94	5.54	2.29	0.95	13.74	5.90	7.37	27.02
Module Builder-1st	4R2x1260hp	MFWD 190	35,588	200	10	0.172	3.30	3.70	1.53	0.63	9.18	3.94	4.92	18.06
Module Builder-1st	5R-30(255)	MFWD 190	35,588	200	10	0.261	5.02	5.63	2.33	0.96	13.96	6.00	7.48	27.45
Module Builder-1st	5R-38(255)	MFWD 190	35,588	200	10	0.207	3.97	4.45	1.84	0.76	11.04	4.74	5.92	21.72
Module Builder-1st	6R-30(325)	MFWD 190	35,588	200	10	0.218	4.19	4.69	1.94	0.80	11.63	5.00	6.24	22.87
Module Builder-1st	6R-38(325)	MFWD 190	35,588	200	10	0.172	3.30	3.70	1.53	0.63	9.18	3.94	4.92	18.06
Module Builder-2nd	2R-38(157)	MFWD 190	33,304	200	10	0.440	8.45	9.47	3.66	1.62	23.21	9.44	12.58	45.24
Module Builder-2nd	4R-30(255)	MFWD 190	35,588	200	10	0.277	5.32	5.96	2.46	1.02	14.78	6.35	7.92	29.06
Module Builder-2nd	4R-30(325)	MFWD 190	33,304	200	10	0.277	5.32	5.96	2.30	1.02	14.62	5.94	7.92	28.50
Module Builder-2nd	4R-38(255)	MFWD 190	35,588	200	10	0.218	4.19	4.69	1.94	0.80	11.64	5.00	6.24	22.88
Module Builder-2nd	4R-38(325)	MFWD 190	35,588	200	10	0.218	4.19	4.69	1.94	0.80	11.64	5.00	6.24	22.88
Module Builder-2nd	4R2x1 255	MFWD 190	35,588	200	10	0.145	2.80	3.14	1.29	0.53	7.78	3.34	4.17	15.29
Module Builder-2nd	5R-30(255)	MFWD 190	35,588	200	10	0.221	4.25	4.77	1.97	0.82	11.82	5.08	6.34	23.25
Module Builder-2nd	5R-38(255)	MFWD 190	35,588	200	10	0.175	3.36	3.77	1.56	0.64	9.35	4.02	5.01	18.39
Module Builder-2nd	6R-30(325)	MFWD 190	35,588	200	10	0.184	3.54	3.97	1.64	0.68	9.85	4.23	5.28	19.37
Module Builder-2nd	6R-38(325)	MFWD 190	35,588	200	10	0.145	2.80	3.14	1.29	0.53	7.78	3.34	4.17	15.29
Module Builder-Strip	13' Bcast	MFWD 150	35,588	200	10	0.251	4.83	4.27	2.24	0.80	12.15	5.77	6.01	23.94
Module Builder-Strip	16' Bcast	MFWD 150	35,588	200	10	0.204	3.92	3.47	1.82	0.65	9.87	4.68	4.88	19.45
Module Builder-Strip	19' Brush	MFWD 150	35,588	200	10	0.172	3.30	2.92	1.53	0.54	8.31	3.94	4.11	16.38
Module Builder-Strip	4R-30	MFWD 150	33,700	200	10	0.327	6.28	5.56	2.75	1.04	15.64	7.10	7.81	30.57
Module Builder-Strip	4R-30 2X1	MFWD 150	35,588	200	10	0.218	4.19	3.70	1.94	0.69	10.53	5.00	5.21	20.74
Module Builder-Strip	4R-38	MFWD 150	35,588	200	10	0.257	4.94	4.37	2.29	0.82	12.44	5.90	6.15	24.50
Module Builder-Strip	4R-38 2X1	MFWD 150	35,588	200	10	0.172	3.30	2.92	1.53	0.54	8.31	3.94	4.11	16.38
Module Builder-Strip	5R-30	MFWD 150	35,588	200	10	0.261	5.02	4.44	2.33	0.83	12.64	6.00	6.25	24.89
Module Builder-Strip	5R-38	MFWD 150	35,588	200	10	0.207	3.97	3.51	1.84	0.66	10.00	4.74	4.94	19.69
Module Builder-Strip	6R-30	MFWD 150	35,588	200	10	0.218	4.19	3.70	1.94	0.69	10.53	5.00	5.21	20.74
Mulcher Plow	30'	MFWD 225	0	100	10	0.068	0.65	1.73	0.00	0.31	2.70	0.00	2.41	5.11
NT Grain Drill	12'	2WD 130	29,184	150	8	0.163	3.14	2.40	1.79	0.38	7.73	4.32	2.91	14.96
NT Grain Drill	15'	MFWD 150	35,830	150	8	0.130	2.51	2.22	1.75	0.41	6.91	4.24	3.12	14.29
NT Grain Drill	20'	MFWD 170	47,785	150	8	0.098	1.88	1.89	1.75	0.35	5.89	4.24	2.77	12.91
NT Grain Drill	24'	MFWD 190	73,143	150	8	0.081	1.57	1.76	2.24	0.30	5.87	5.41	2.34	13.63
NT Grain Drill	30'	MFWD 225	72,485	150	8	0.065	1.25	1.66	1.77	0.29	5.00	4.29	2.32	11.62
NT Grain Drill & Pre	12'	2WD 130	34,679	150	8	0.176	3.38	2.59	2.29	0.41	8.69	5.53	3.13	17.35
NT Grain Drill & Pre	15'	MFWD 150	41,325	150	8	0.141	2.70	2.39	2.18	0.44	7.73	5.27	3.36	16.38
NT Grain Drill & Pre	20'	MFWD 170	53,280	150	8	0.105	2.03	2.03	2.11	0.38	6.56	5.10	2.98	14.65
NT Grain Drill & Pre	24'	MFWD 190	78,638	150	8	0.088	1.69	1.89	2.59	0.32	6.51	6.27	2.52	15.30
NT Grain Drill & Pre	30'	MFWD 225	77,980	150	8	0.070	1.35	1.79	2.06	0.32	5.53	4.97	2.49	13.01
NT Plant&Pre-Folding	8R-38	MFWD 170	46,723	150	8	0.083	1.60	1.60	1.46	0.30	4.98	3.53	2.36	10.88
NT Plant&Pre-Folding	8R-38 2x1	MFWD 170	61,533	150	8	0.055	1.06	1.07	1.28	0.20	3.62	3.10	1.57	8.30
NT Plant&Pre-Folding	10R-30	MFWD 190	57,555	150	8	0.084	1.62	1.82	1.82	0.31	5.58	4.40	2.41	12.41
NT Plant&Pre-Folding	10R-38	MFWD 190	52,893	150	8	0.066	1.28	1.43	1.32	0.24	4.28	3.19	1.90	9.39
NT Plant&Pre-Folding	12R-20	MFWD 190	57,452	150	8	0.105	2.03	2.27	2.27	0.39	6.97	5.50	3.02	15.50
NT Plant&Pre-Folding	12R-30	MFWD 190	61,566	150	8	0.070	1.35	1.51	1.62	0.26	4.75	3.92	2.01	10.70
NT Plant&Pre-Folding	12R-38	MFWD 190	61,533	150	8	0.055	1.06	1.19	1.28	0.20	3.75	3.10	1.59	8.44

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre Louisiana, 2009.

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---- Imp.	P.U.	Total Direct	--Fixed--- Imp.	P.U.	Total Cost
			dollars	hours	years	hr/ac	----------$/acre----------							
NT Plant&Pre-Folding	16R-30	MFWD 190	86,279	150	8	0.052	1.01	1.13	1.71	0.19	4.05	4.13	1.51	9.70
NT Plant&Pre-Folding	23R-15	MFWD 190	99,841	150	8	0.073	1.41	1.58	2.75	0.27	6.01	6.63	2.10	14.75
NT Plant&Pre-Folding	24R-20	MFWD 190	112,054	150	8	0.052	1.01	1.13	2.22	0.19	4.57	5.36	1.51	11.44
NT Plant&Pre-Folding	24R-30	MFWD 190	140,423	150	8	0.035	0.67	0.75	1.85	0.13	3.42	4.48	1.00	8.91
NT Plant&Pre-Rigid	4R-30	2WD 130	23,638	150	8	0.211	4.06	3.11	1.87	0.50	9.55	4.52	3.76	17.84
NT Plant&Pre-Rigid	4R-38	2WD 130	23,687	150	8	0.166	3.19	2.45	1.47	0.39	7.52	3.57	2.96	14.05
NT Plant&Pre-Rigid	6R-30	MFWD 150	30,411	150	8	0.141	2.70	2.39	1.60	0.44	7.16	3.88	3.36	14.41
NT Plant&Pre-Rigid	6R-38	MFWD 150	30,249	150	8	0.111	2.13	1.89	1.26	0.35	5.64	3.04	2.65	11.35
NT Plant&Pre-Rigid	8R-22	MFWD 170	26,219	150	8	0.143	2.76	2.77	1.41	0.52	7.47	3.41	4.06	14.95
NT Plant&Pre-Rigid	8R-30	MFWD 170	35,957	150	8	0.105	2.03	2.03	1.42	0.38	5.87	3.44	2.98	12.30
NT Plant&Pre-Rigid	8R-38	MFWD 170	32,670	150	8	0.077	1.48	1.48	0.94	0.28	4.19	2.28	2.17	8.65
NT Plant&Pre-Rigid	10R-30	MFWD 190	38,169	150	8	0.084	1.62	1.82	1.21	0.31	4.96	2.92	2.41	10.31
NT Plant&Pre-Rigid	12R-20	MFWD 190	51,926	150	8	0.105	2.03	2.27	2.05	0.39	6.75	4.97	3.02	14.75
NT Plant&Pre-Rigid	12R-30	MFWD 190	51,065	150	8	0.070	1.35	1.51	1.35	0.26	4.48	3.25	2.01	9.75
NT Plant-Folding	8R-38	MFWD 170	41,228	150	8	0.077	1.49	1.49	1.20	0.28	4.46	2.89	2.19	9.55
NT Plant-Folding	8R-38 2x1	MFWD 170	55,533	150	8	0.051	0.99	0.99	1.07	0.18	3.25	2.59	1.45	7.31
NT Plant-Folding	10R-30	MFWD 190	52,061	150	8	0.078	1.50	1.69	1.53	0.29	5.02	3.70	2.24	10.97
NT Plant-Folding	10R-38	MFWD 190	47,646	150	8	0.061	1.18	1.33	1.10	0.22	3.85	2.67	1.77	8.30
NT Plant-Folding	12R-20	MFWD 190	51,957	150	8	0.098	1.88	2.11	1.91	0.36	6.27	4.61	2.80	13.70
NT Plant-Folding	12R-30	MFWD 190	56,071	150	8	0.065	1.25	1.40	1.37	0.24	4.28	3.32	1.87	9.48
NT Plant-Folding	12R-38	MFWD 190	55,533	150	8	0.051	0.99	1.11	1.07	0.19	3.37	2.59	1.47	7.44
NT Plant-Folding	16R-30	MFWD 190	80,260	150	8	0.049	0.94	1.05	1.47	0.18	3.65	3.56	1.40	8.63
NT Plant-Folding	23R-15	MFWD 190	94,346	150	8	0.068	1.30	1.46	2.41	0.25	5.44	5.82	1.95	13.21
NT Plant-Folding	24R-20	MFWD 190	106,034	150	8	0.049	0.94	1.05	1.95	0.18	4.13	4.71	1.40	10.25
NT Plant-Folding	24R-30	MFWD 190	132,842	150	8	0.032	0.62	0.70	1.63	0.12	3.08	3.93	0.93	7.95
NT Plant-Rigid	4R-30	2WD 130	18,143	150	8	0.196	3.77	2.89	1.33	0.46	8.46	3.22	3.49	15.18
NT Plant-Rigid	4R-38	2WD 130	18,192	150	8	0.154	2.96	2.27	1.05	0.36	6.66	2.54	2.75	11.96
NT Plant-Rigid	6R-30	MFWD 150	24,916	150	8	0.130	2.51	2.22	1.22	0.41	6.37	2.95	3.12	12.46
NT Plant-Rigid	6R-38	MFWD 150	24,754	150	8	0.103	1.98	1.75	0.95	0.32	5.03	2.31	2.46	9.81
NT Plant-Rigid	8R-22	MFWD 170	21,142	150	8	0.133	2.56	2.57	1.05	0.48	6.68	2.55	3.77	13.01
NT Plant-Rigid	8R-30	MFWD 170	30,462	150	8	0.098	1.88	1.89	1.12	0.35	5.25	2.70	2.77	10.73
NT Plant-Rigid	8R-38	MFWD 170	27,175	150	8	0.077	1.49	1.49	0.79	0.28	4.05	1.90	2.19	8.16
NT Plant-Rigid	10R-30	MFWD 190	30,600	150	8	0.078	1.50	1.69	0.90	0.29	4.39	2.17	2.24	8.81
NT Plant-Rigid	12R-20	MFWD 190	46,431	150	8	0.098	1.88	2.11	1.71	0.36	6.07	4.12	2.80	13.00
NT Plant-Rigid	12R-30	MFWD 190	45,570	150	8	0.065	1.25	1.40	1.11	0.24	4.02	2.70	1.87	8.60
Paratill & Bed	4R-30	MFWD 225	10,389	150	12	0.204	1.96	5.20	0.76	0.93	8.87	1.70	7.24	17.82
Paratill & Bed	4R-38	MFWD 225	11,137	150	12	0.160	1.54	4.09	0.64	0.73	7.02	1.44	5.70	14.17
Paratill & Bed	6R-30	MFWD 225	14,468	150	12	0.136	1.30	3.47	0.71	0.62	6.11	1.58	4.82	12.52
Paratill & Bed	6R-38	MFWD 225	17,739	150	12	0.107	1.03	2.74	0.68	0.49	4.95	1.53	3.81	10.30
Paratill & Bed	8R-30	MFWD 225	19,561	150	12	0.102	0.98	2.60	0.72	0.46	4.77	1.60	3.62	10.00
Paratill & Bed	8R382X1	MFWD 225	48,077	150	12	0.053	0.51	1.37	0.93	0.24	3.06	2.08	1.90	7.05
Paratill & Bed Fold.	8R-38	MFWD 225	35,136	150	12	0.080	0.77	2.05	1.02	0.37	4.22	2.28	2.86	9.37
Paratill & Bed Fold.	12R-38	MFWD 225	48,077	150	12	0.053	0.51	1.37	0.93	0.24	3.06	2.08	1.90	7.05
Paratill & Bed Rigid	8R-38	MFWD 225	22,598	150	12	0.080	0.77	2.05	0.65	0.37	3.86	1.46	2.86	8.19
Pipe Drag	30'	2WD 150	500	100	12	0.051	0.49	0.87	0.00	0.14	1.52	0.03	1.06	2.62
Pipe Spool 160ac	1/4m roll	2WD 130	3,850	15	12	0.003	0.09	0.04	0.00	0.00	0.15	0.09	0.05	0.30
Pipe Trailer 1m/160a	30'	2WD 130	1,122	100	15	0.003	0.18	0.05	0.00	0.00	0.24	0.00	0.06	0.31
Plant & Pre Folding	8R-38	MFWD 170	43,015	150	8	0.080	1.54	1.54	1.29	0.29	4.67	3.12	2.26	10.06
Plant & Pre Folding	8R38 2x1	MFWD 170	55,991	150	8	0.053	1.02	1.02	1.12	0.19	3.37	2.70	1.50	7.58
Plant & Pre Folding	10R-30	MFWD 190	52,920	150	8	0.081	1.55	1.74	1.61	0.30	5.21	3.89	2.32	11.43
Plant & Pre Folding	10R-38	MFWD 190	48,258	150	8	0.064	1.22	1.37	1.15	0.23	4.00	2.79	1.83	8.63
Plant & Pre Folding	12R-20	MFWD 190	51,890	150	8	0.101	1.94	2.18	1.97	0.37	6.48	4.76	2.90	14.15
Plant & Pre Folding	12R-30	MFWD 190	56,004	150	8	0.067	1.29	1.45	1.42	0.25	4.42	3.43	1.93	9.79
Plant & Pre Folding	12R-38	MFWD 190	54,072	150	8	0.053	1.02	1.14	1.08	0.19	3.45	2.61	1.52	7.60
Plant & Pre Folding	16R-30	MFWD 190	78,863	150	8	0.050	0.97	1.09	1.50	0.18	3.75	3.62	1.45	8.83
Plant & Pre Folding	23R-15	MFWD 190	89,181	150	8	0.070	1.35	1.51	2.35	0.26	5.48	5.69	2.01	13.19
Plant & Pre Folding	24R-20	MFWD 190	100,930	150	8	0.050	0.97	1.09	1.92	0.18	4.17	4.63	1.45	10.26
Plant & Pre Folding	24R-30	MFWD 190	129,299	150	8	0.033	0.64	0.72	1.64	0.12	3.14	3.96	0.96	8.07
Plant & Pre Rigid	4R-30	2WD 130	21,784	150	8	0.203	3.89	2.98	1.65	0.48	9.02	4.00	3.61	16.64
Plant & Pre Rigid	4R-38	2WD 130	21,833	150	8	0.159	3.07	2.35	1.30	0.37	7.11	3.16	2.84	13.11
Plant & Pre Rigid	6R-30	MFWD 150	28,557	150	8	0.135	2.59	2.29	1.44	0.43	6.78	3.49	3.23	13.51
Plant & Pre Rigid	6R-38	MFWD 150	27,468	150	8	0.106	2.05	1.81	1.10	0.34	5.30	2.65	2.55	10.51
Plant & Pre Rigid	8R-22	MFWD 170	23,550	150	8	0.138	2.65	2.65	1.22	0.50	7.03	2.94	3.90	13.88
Plant & Pre Rigid	8R-30	MFWD 170	32,249	150	8	0.101	1.94	1.95	1.22	0.37	5.50	2.96	2.86	11.33
Plant & Pre Rigid	8R-38	MFWD 170	28,962	150	8	0.080	1.54	1.54	0.87	0.29	4.25	2.10	2.26	8.62
Plant & Pre Rigid	10R-30	MFWD 190	33,534	150	8	0.081	1.55	1.74	1.02	0.30	4.62	2.46	2.32	9.41
Plant & Pre Rigid	12R-20	MFWD 190	46,364	150	8	0.101	1.94	2.18	1.76	0.37	6.27	4.26	2.90	13.43
Plant & Pre Rigid	12R-30	MFWD 190	45,503	150	8	0.067	1.29	1.45	1.15	0.25	4.16	2.78	1.93	8.88
Plant - Folding	8R-38	MFWD 170	37,520	150	8	0.074	1.43	1.43	1.04	0.27	4.18	2.53	2.10	8.82
Plant - Folding	8R-38 2x1	MFWD 170	49,971	150	8	0.049	0.95	0.95	0.92	0.18	3.01	2.24	1.40	6.66
Plant - Folding	10R-30	MFWD 190	47,426	150	8	0.075	1.44	1.62	1.34	0.27	4.69	3.23	2.15	10.08
Plant - Folding	10R-38	MFWD 190	43,011	150	8	0.059	1.14	1.27	0.95	0.21	3.60	2.31	1.70	7.61
Plant - Folding	12R-20	MFWD 190	46,395	150	8	0.094	1.81	2.02	1.64	0.34	5.82	3.95	2.69	12.48
Plant - Folding	12R-30	MFWD 190	50,509	150	8	0.062	1.20	1.35	1.19	0.23	3.98	2.87	1.79	8.65

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre Louisiana, 2009.

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----------							
Plant - Folding	12R-38	MFWD 190	49,971	150	8	0.049	0.95	1.06	0.92	0.18	3.13	2.24	1.41	6.79
Plant - Folding	16R-30	MFWD 190	72,844	150	8	0.047	0.90	1.01	1.28	0.17	3.38	3.10	1.34	7.83
Plant - Folding	23R-15	MFWD 190	83,686	150	8	0.065	1.25	1.40	2.05	0.24	4.96	4.96	1.87	11.79
Plant - Folding	24R-20	MFWD 190	94,910	150	8	0.047	0.90	1.01	1.67	0.17	3.77	4.05	1.34	9.16
Plant - Folding	24R-30	MFWD 190	121,718	150	8	0.031	0.60	0.67	1.43	0.11	2.83	3.46	0.89	7.19
Plant - Rigid	4R-30	2WD 130	16,289	150	8	0.188	3.62	2.77	1.15	0.44	7.99	2.78	3.35	14.13
Plant - Rigid	4R-38	2WD 130	16,338	150	8	0.148	2.85	2.18	0.90	0.35	6.29	2.19	2.64	11.13
Plant - Rigid	6R-30	MFWD 150	23,062	150	8	0.125	2.41	2.13	1.08	0.40	6.03	2.62	3.00	11.66
Plant - Rigid	6R-38	MFWD 150	21,973	150	8	0.099	1.90	1.68	0.81	0.31	4.72	1.97	2.37	9.06
Plant - Rigid	8R-22	MFWD 170	18,473	150	8	0.127	2.45	2.46	0.88	0.46	6.27	2.13	3.61	12.02
Plant - Rigid	8R-30	MFWD 170	26,754	150	8	0.094	1.81	1.81	0.94	0.34	4.91	2.28	2.66	9.86
Plant - Rigid	8R-38	MFWD 170	23,467	150	8	0.074	1.43	1.43	0.65	0.27	3.79	1.58	2.10	7.48
Plant - Rigid	10R-30	MFWD 190	28,040	150	8	0.075	1.44	1.62	0.79	0.27	4.14	1.91	2.15	8.21
Plant - Rigid	12R-20	MFWD 190	40,869	150	8	0.094	1.81	2.02	1.44	0.34	5.63	3.48	2.69	11.81
Plant - Rigid	12R-30	MFWD 190	40,008	150	8	0.062	1.20	1.35	0.94	0.23	3.73	2.27	1.79	7.80
Plant - Rigid	15R-15	2WD 150	39,268	150	8	0.094	1.81	1.60	1.38	0.26	5.06	3.35	1.94	10.36
Pull Levee (1m/80a))	4 blade	2WD 50	3,180	100	10	0.003	0.03	0.02	0.00	0.00	0.05	0.01	0.01	0.08
Rice Grain Cart	500 Bu	MFWD 190	16,979	200	12	0.057	0.54	1.22	0.26	0.21	2.25	0.58	1.63	4.46
Rice Grain Cart	700 Bu	MFWD 190	23,337	200	12	0.063	0.60	1.36	0.40	0.23	2.61	0.89	1.81	5.31
Roller	32'	MFWD 170	12,595	100	12	0.046	0.44	0.89	0.09	0.17	1.61	0.70	1.31	3.64
Rotary Cutter	7'	MFWD 130	3,712	185	10	0.168	1.61	2.47	0.50	0.46	5.06	0.44	3.49	9.00
Rotary Cutter	12'	2WD 150	8,455	185	10	0.098	0.94	1.66	0.67	0.27	3.55	0.59	2.03	6.17
Rotary Cutter	15'	MFWD 150	14,627	185	10	0.078	0.75	1.33	0.93	0.25	3.27	0.82	1.87	5.96
Row Cond & Inc	13'	2WD 130	10,279	100	10	0.137	1.98	2.03	0.35	0.32	4.69	1.87	2.45	9.02
Row Cond & Inc	21'	2WD 170	12,957	100	10	0.085	1.22	1.64	0.27	0.25	3.40	1.46	1.97	6.84
Row Cond & Inc	26'	MFWD 190	20,486	100	10	0.063	0.91	1.36	0.32	0.23	2.83	1.71	1.81	6.36
Row Cond & Inc	38'	MFWD 225	23,500	100	10	0.047	0.67	1.20	0.27	0.21	2.37	1.46	1.67	5.51
Row Cond & Inc	42'	MFWD 225	20,400	100	10	0.040	0.57	1.02	0.20	0.18	1.99	1.08	1.42	4.49
Row Cond (Harrow)	13'	2WD 130	5,440	100	10	0.114	1.10	1.69	0.15	0.27	3.22	0.82	2.04	6.09
Row Cond (Harrow)	21'	2WD 170	8,498	100	10	0.071	0.68	1.36	0.15	0.21	2.41	0.79	1.64	4.85
Row Cond (Harrow)	27'	MFWD 190	9,476	100	10	0.057	0.55	1.23	0.13	0.21	2.13	0.71	1.64	4.49
Row Cond (Harrow)	38'	MFWD 225	16,587	100	10	0.039	0.37	1.00	0.16	0.18	1.72	0.86	1.39	3.97
Row Cond (Harrow)	42'	MFWD 225	15,582	100	10	0.035	0.34	0.90	0.13	0.16	1.54	0.73	1.25	3.54
Row Cond (Plant)	13'	2WD 130	5,032	100	10	0.157	1.50	2.31	0.19	0.37	4.39	1.04	2.79	8.23
Row Cond (Plant)	21'	2WD 170	7,710	100	10	0.097	0.93	1.87	0.18	0.29	3.28	0.99	2.24	6.52
Row Cond (Plant)	27'	MFWD 190	9,476	100	10	0.078	0.75	1.69	0.18	0.29	2.92	0.98	2.24	6.15
Row Cond (Plant)	38'	MFWD 225	16,587	100	10	0.053	0.51	1.37	0.22	0.24	2.35	1.17	1.90	5.43
Row Cond (Plant)	42'	MFWD 225	15,582	100	10	0.048	0.46	1.23	0.18	0.22	2.11	1.00	1.72	4.84
RT Cult (Early)	8R-30	2WD 170	20,774	200	12	0.103	0.99	1.98	1.02	0.30	4.30	1.32	2.38	8.01
RT Cult (Early)	12R-30	2WD 190	29,998	200	12	0.068	0.66	1.47	0.98	0.23	3.36	1.27	1.82	6.46
RT Cult (Late)	8R-30	2WD 170	20,774	200	12	0.128	1.23	2.48	1.28	0.38	5.38	1.65	2.97	10.01
RT Cult (Late)	12R-30	2WD 190	29,998	200	12	0.085	0.82	1.84	1.23	0.29	4.20	1.59	2.28	8.07
RT Cult + PD (Early)	8R-30	2WD 150	26,264	200	12	0.110	1.58	1.86	1.38	0.30	5.14	1.78	2.27	9.19
RT Cult + PD (Early)	12R-30	MFWD 225	35,493	200	12	0.073	1.05	1.86	1.24	0.33	4.50	1.60	2.59	8.71
RT Cult + PD (Late)	8R-30	2WD 170	26,264	200	12	0.137	1.97	2.64	1.73	0.41	6.76	2.22	3.17	12.17
RT Cult + PD (Late)	12R-30	2WD 190	35,493	200	12	0.091	1.31	1.97	1.55	0.31	5.16	2.00	2.43	9.60
SC 3Row (Cover)	18 ft	MFWD 150	10,750	200	9	0.120	1.15	2.04	1.43	0.38	5.02	0.65	2.87	8.55
SC 3Row (Hipper)	18 ft	MFWD 150	10,500	200	9	0.120	1.15	2.03	0.68	0.38	4.26	0.98	2.86	8.10
SC 3Row (Marker)	18 ft	MFWD 150	8,800	200	9	0.120	1.15	2.03	0.58	0.38	4.16	0.82	2.86	7.84
SC 3Row (Offbar)	18 ft	MFWD 150	11,500	200	10	0.120	1.15	2.03	0.69	0.38	4.26	1.00	2.86	8.13
SC 3Row (Opener)	18 ft	MFWD 150	7,800	200	10	0.120	1.15	2.03	0.46	0.38	4.04	0.68	2.86	7.59
SC 3Row Plow	18 ft	MFWD 190	17,000	200	9	0.120	1.15	2.58	1.11	0.44	5.29	1.58	3.43	10.31
SC Blade	8 ft	MFWD 150	3,500	100	12	0.877	8.42	14.89	2.55	2.79	28.67	3.14	20.94	52.76
SC Boom Sprayer	16 ft	MFWD 150	2,900	150	10	0.120	1.15	2.03	0.25	0.38	3.82	0.33	2.86	7.03
SC Burning Unit	18 ft	2WD 105	1,300	85	6	0.149	1.43	1.78	0.24	0.25	3.72	0.47	1.89	6.09
SC Cane Planters Aid	6 ft	MFWD 150	4,500	20	20	1.000	9.60	16.98	8.43	3.18	38.21	23.31	23.88	85.40
SC Cane Plt-1R Bille	1 row	MFWD 150	22,000	150	20	0.670	6.43	11.38	3.68	2.13	23.63	10.18	16.00	49.81
SC Cane Plt-3R Bille	3 row	2WD 50	34,000	50	20	0.200	1.92	1.13	5.10	0.11	8.26	14.09	0.87	23.23
SC Cane Plt-Whlstalk	6 ft	MFWD 150	22,000	150	20	0.670	6.43	11.38	3.68	2.13	23.63	10.18	16.00	49.81
SC Cane Wagon 10T	10 Ton	MFWD 150	7,500	400	15	0.500	5.28	9.34	0.62	1.75	17.00	1.09	11.94	30.03
SC Cane Wgn Billt HD	10Ton	MFWD 150	30,000	750	9	0.600	6.33	11.21	4.00	2.10	23.65	3.63	14.32	41.61
SC Chisel Plow	13 ft	MFWD 190	6,000	200	6	0.219	2.10	4.72	0.96	0.81	8.61	1.35	6.28	16.26
SC Chisel Plow	23 ft	MFWD 190	12,000	200	6	0.120	1.15	2.58	0.49	0.44	4.67	1.48	3.43	9.58
SC Cultimulcher	12 ft	2WD 105	5,500	120	15	0.110	1.05	1.30	0.29	0.18	2.84	0.58	1.39	4.82
SC Cultivate + Post	6 Row	2WD 170	8,200	200	10	0.110	1.05	2.11	0.39	0.32	3.89	0.65	2.54	7.09
SC Cultivator	30" 6 Row	2WD 150	5,350	200	10	0.140	1.34	2.37	0.32	0.38	4.43	0.54	2.89	7.88
SC Disk	12 ft	2WD 50	8,500	200	10	0.149	1.43	0.84	0.56	0.08	2.93	0.92	0.65	4.51
SC Disk	20 ft	MFWD 190	17,500	200	10	0.100	0.96	2.15	0.77	0.36	4.25	1.27	2.85	8.38
SC Disk	26 ft	2WD 170	21,000	200	10	0.069	0.67	1.34	0.64	0.20	2.87	1.07	1.61	5.56
SC Disk + Pre	6 row	2WD 170	9,250	200	10	0.100	0.96	1.92	0.40	0.29	3.59	0.67	2.30	6.57
SC Double Hitch	DBLHTCH	2WD 50	0	1000	10	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SC Drain Cleaner	6 ft	MFWD 75	3,750	300	9	0.080	0.76	0.67	0.13	0.08	1.66	0.15	0.61	2.43
SC Fert 3Row Lq App	18 ft	MFWD 150	7,000	200	10	0.130	1.24	2.20	0.36	0.41	4.23	0.66	3.10	8.00
SC Fert DrySlingApp	42 ft	MFWD 150	6,500	150	10	0.059	0.57	1.01	0.22	0.19	2.01	0.37	1.43	3.82
SC Flat Roller	18 ft	MFWD 150	1,400	75	9	0.190	1.82	3.22	0.47	0.60	6.13	0.55	4.54	11.22

Appendix Table 3. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre Louisiana, 2009.

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	R&M Imp.	R&M P.U.	Total Direct	Fixed Imp.	Fixed P.U.	Total Cost
			dollars	hours	years	hr/ac	$/acre							
SC Hauling Hitch	6 ft	4WD 225	1,000	500	15	1.000	9.60	25.47	0.13	4.59	39.80	0.23	35.54	75.58
SC Land Plane	15 ft	MFWD 150	10,000	200	15	0.300	2.88	5.10	0.66	0.95	9.60	1.75	7.17	18.52
SC Rotary Ditcher	6 ft	MFWD 150	12,500	100	10	0.250	2.40	4.24	3.12	0.79	10.56	4.55	5.97	21.09
SC Rotary Hoe	18 ft	2WD 130	4,500	75	12	0.080	0.76	1.17	0.41	0.19	2.54	0.62	1.42	4.59
SC Rotary Mower	13.1 ft	MFWD 75	7,000	150	10	0.250	2.40	2.12	0.51	0.25	5.29	1.69	1.93	8.92
SC Rototiller	18 ft	MFWD 190	20,000	150	10	0.219	2.10	4.72	3.51	0.81	11.16	4.26	6.28	21.72
SC Tractor Blade	6 ft	2WD 105	3,500	100	15	1.000	9.60	11.89	0.86	1.69	24.04	4.09	12.66	40.80
SC Tractor Spreader	20 ft	2WD 105	700	150	10	0.110	1.05	1.30	0.04	0.18	2.59	0.07	1.39	4.06
SC Trailer Utility	10 ft	2WD 130	2,000	200	15	1.000	9.60	14.72	0.23	2.37	26.92	1.16	17.78	45.88
SCMechanical Planter	6 ft	MFWD 150	15,500	160	10	1.000	9.60	16.98	7.26	3.18	37.04	14.11	23.88	75.03
Spin Spreader	5 ton	MFWD 190	11,529	100	8	0.042	0.80	0.90	0.27	0.15	2.14	0.68	1.20	4.02
Spin Spreader	5 ton	MFWD 190	11,529	100	8	0.042	0.80	0.90	0.27	0.15	2.14	0.68	1.20	4.02
Spray (Band)	27'	MFWD 170	5,459	200	8	0.062	0.90	1.20	0.16	0.22	2.49	0.24	1.76	4.50
Spray (Band)	40'	MFWD 170	6,020	200	8	0.042	0.60	0.81	0.11	0.15	1.69	0.17	1.19	3.07
Spray (Band)	50'	MFWD 170	5,957	200	8	0.033	0.48	0.65	0.09	0.12	1.35	0.14	0.95	2.45
Spray (Band)	53'	MFWD 170	6,823	200	8	0.031	0.45	0.61	0.10	0.11	1.29	0.15	0.90	2.34
Spray (Band)	60'	MFWD 170	7,580	200	8	0.028	0.40	0.54	0.10	0.10	1.15	0.15	0.79	2.09
Spray (Bcast/HB)	13' Rigid	MFWD 150	4,873	200	8	0.130	1.87	2.21	0.29	0.41	4.79	0.44	3.10	8.35
Spray (Bcast/HB)	20' Rigid	2WD 50	5,734	200	8	0.084	1.21	0.47	0.22	0.04	1.97	0.34	0.36	2.68
Spray (Bcast/HB)	27' Fold	MFWD 170	9,742	200	8	0.062	0.90	1.20	0.28	0.22	2.62	0.42	1.76	4.82
Spray (Bcast/HB)	27' Rigid	MFWD 170	6,657	200	8	0.062	0.90	1.20	0.19	0.22	2.53	0.29	1.76	4.59
Spray (Bcast/HB)	30' Fold	MFWD 170	13,025	200	8	0.056	0.81	1.08	0.34	0.20	2.44	0.51	1.59	4.55
Spray (Bcast/HB)	40' Fold	MFWD 170	13,627	200	8	0.042	0.60	0.81	0.27	0.15	1.84	0.40	1.19	3.44
Spray (Bcast/HB/HD)	27'	MFWD 170	20,451	200	8	0.062	0.90	1.20	0.60	0.22	2.93	0.89	1.76	5.60
Spray (Bcast/HB/HD)	40'	MFWD 170	24,379	200	8	0.042	0.60	0.81	0.48	0.15	2.06	0.72	1.19	3.98
Spray (Broadcast)	27'	MFWD 170	5,495	200	8	0.062	0.90	1.20	0.16	0.22	2.49	0.24	1.76	4.51
Spray (Broadcast)	40'	MFWD 170	6,020	200	8	0.042	0.60	0.81	0.11	0.15	1.69	0.17	1.19	3.07
Spray (Broadcast)	50'	MFWD 170	5,957	200	8	0.033	0.48	0.65	0.09	0.12	1.35	0.14	0.95	2.45
Spray (Broadcast)	53'	MFWD 170	6,823	200	8	0.031	0.45	0.61	0.10	0.11	1.29	0.15	0.90	2.34
Spray (Broadcast)	60'	MFWD 170	7,580	200	8	0.028	0.40	0.54	0.10	0.10	1.15	0.15	0.79	2.09
Spray (Direct/Hood)	8R-30	MFWD 170	14,472	200	8	0.084	1.21	1.62	0.57	0.30	3.73	0.85	2.38	6.97
Spray (Direct/Hood)	8R-38	MFWD 170	15,668	200	8	0.066	0.96	1.28	0.49	0.24	2.98	0.73	1.88	5.61
Spray (Direct/Hood)	12R-30	MFWD 170	18,370	200	8	0.056	0.81	1.08	0.48	0.20	2.58	0.72	1.59	4.91
Spray (Direct/Hood)	12R-38	MFWD 170	18,837	200	8	0.044	0.64	0.85	0.39	0.16	2.05	0.58	1.25	3.90
Spray (Direct/Layby)	8R-30	MFWD 170	9,112	200	8	0.084	1.21	1.62	0.36	0.30	3.51	0.54	2.38	6.44
Spray (Direct/Layby)	8R-38	MFWD 170	10,176	200	8	0.066	0.96	1.28	0.31	0.24	2.81	0.47	1.88	5.18
Spray (Direct/Layby)	8R-38 2x1	MFWD 170	17,524	200	8	0.044	0.64	0.85	0.36	0.16	2.02	0.54	1.25	3.83
Spray (Direct/Layby)	10R-30	MFWD 170	10,489	200	8	0.067	0.97	1.30	0.33	0.24	2.85	0.49	1.91	5.26
Spray (Direct/Layby)	12R-30	MFWD 170	11,817	200	8	0.056	0.81	1.08	0.31	0.20	2.41	0.46	1.59	4.47
Spray (Direct/Layby)	12R-38	MFWD 170	17,524	200	8	0.044	0.64	0.85	0.36	0.16	2.02	0.54	1.25	3.83
Spray (Direct/Layby)	16R-20	MFWD 170	9,843	200	8	0.063	0.91	1.22	0.29	0.23	2.65	0.43	1.78	4.88
Spray (Spot)	27'	MFWD 170	5,495	200	8	0.062	0.90	1.20	0.16	0.22	2.49	0.24	1.76	4.51
Spray (Spot)	40'	MFWD 170	6,020	200	8	0.042	0.60	0.81	0.11	0.15	1.69	0.17	1.19	3.07
Spray (Spot)	50'	MFWD 170	5,957	200	8	0.033	0.48	0.65	0.09	0.12	1.35	0.14	0.95	2.45
Spray (Spot)	53'	MFWD 170	6,666	200	8	0.031	0.45	0.61	0.09	0.11	1.29	0.14	0.90	2.34
Spray (Spot)	60'	MFWD 170	7,580	200	8	0.028	0.40	0.54	0.10	0.10	1.15	0.15	0.79	2.09
Stalk Shredder	14'	MFWD 150	10,850	200	10	0.117	1.13	2.00	1.11	0.37	4.62	0.84	2.81	8.28
Stalk Shredder	20'	MFWD 150	25,301	200	10	0.082	0.79	1.40	1.82	0.26	4.28	1.37	1.97	7.63
Stalk Shredder-Flail	12'	MFWD 150	13,201	200	10	0.137	1.32	2.33	1.58	0.43	5.68	1.19	3.28	10.16
Stalk Shredder-Flail	20'	MFWD 150	19,813	200	10	0.082	0.79	1.40	1.43	0.26	3.88	1.08	1.97	6.93
Subsoiler	3 shank	MFWD 190	3,773	100	15	0.204	1.96	4.39	0.25	0.75	7.37	0.84	5.84	14.05
Subsoiler	4 shank	MFWD 225	5,769	100	15	0.153	1.47	3.91	0.29	0.70	6.38	0.97	5.44	12.80
Subsoiler	5 shank	MFWD 225	6,450	100	15	0.122	1.17	3.11	0.26	0.56	5.11	0.86	4.33	10.31
Subsoiler low-till	4 shank	MFWD 225	10,580	100	15	0.153	1.47	3.91	0.54	0.70	6.63	1.78	5.44	13.86
Subsoiler low-till	6 shank	MFWD 225	13,153	100	15	0.102	0.98	2.60	0.44	0.46	4.50	1.47	3.62	9.59
Subsoiler low-till	8 shank	MFWD 225	16,819	100	15	0.076	0.73	1.94	0.42	0.35	3.46	1.41	2.71	7.58
TerraTill Bed w/roll	4R-38	MFWD 225	12,271	150	12	0.160	1.54	4.09	0.71	0.73	7.09	1.59	5.70	14.38
TerraTill Bed w/roll	6R-38	MFWD 225	16,619	150	12	0.107	1.03	2.74	0.64	0.49	4.91	1.43	3.81	10.16
TerraTill Bed w/roll	4R-30	MFWD 225	11,755	150	12	0.204	1.96	5.20	0.86	0.93	8.97	1.93	7.24	18.14
TerraTill Bed w/roll	6R-30	MFWD 225	15,310	150	12	0.136	1.30	3.47	0.75	0.62	6.15	1.67	4.82	12.66

Notes:
Labor: Includes labor from Power unit plus additional labor from the implement.
Total Direct: Does not include interest on operating capital.

Appendix Table 4. Operating Inputs, Louisiana, 2009.

ITEM	UNIT	PRICE	ITEM	UNIT	PRICE
ADJUVANTS			FERTILIZERS (Cont)		
Crop Oil (Seed Oil)	pt	2.51	DAP	cwt	44
Crop Oil (Petroleum)	pt	1.05	Fert 0-20-20	cwt	0
Surfactant	pt	1.68	Fert 10-10-10	cwt	0
CUSTOM FERT/LIME			Fert 10-34-0	cwt	22
App Fert by Air	cwt	5	Fert 10-34-0	gal	0
App Fert by Air(Min)	appl	5	Fert 13-13-13	cwt	0
Custom Apply Fert	acre	5	Fert 41-0-0-4	cwt	20
Custom Spread(Truc	appl	4.5	Fert 5-20-20	cwt	0
Lime (Spread)	ton	38	LA Nitrogen	lb	0.53
CUSTOM HARVEST/HAUL			LA Phosphate	lb	0.88
Custom Combine Rice	acre	0	LA Potash	lb	0.75
Haul Corn	bu	0.2	Phosphorus(46% P2O5)	cwt	41
Haul Cotton	lb	0.02	Potash (60% K2O)	cwt	28
Haul Rice	bu	0.22	Sulfur	lb	0.2
Haul Rice (cwt)	cwt	0.25	UAN (32% N)	cwt	19
Haul Sorghum	bu	0.2	UAN + Sulfur (28% N)	cwt	0
Haul Soybeans	bu	0.2	Urea, Solid (46% N)	cwt	25
Haul Wheat	bu	0.2	Zinc	lb	0.6
LARice Haul	cwt	0.3	FUNGICIDES		
CUSTOM PLANT			Apron Maxx RTA	oz	0.85
Custom Spread + Seed	appl	0	Apron XL	oz	8.13
LARice Air Plant NE	cwt	5.5	Apron XL LS	oz	6.37
LARice Air Plant SW	cwt	5.6	Benlate 50 WP	lb	15.95
Plant by Air	cwt	0	Captan 4L	pt	2.83
CUSTOM SPRAY			Captan 50 WP	lb	3.61
App 2,4-D Helicopter	appl	0	Cruiser 5FS	oz	17.38
App by Air (1 gal)	appl	2.5	Delta Coat AD	oz	3.75
App by Air (2 gal)	appl	4	Dithane F-45	qt	3.63
App by Air (3 gal)	appl	4.75	Dithane Rainsheild	lb	2.28
App by Air (5 gal)	appl	5.75	Folicur 3.6	oz	2.33
App by Air (10 gal)	appl	6.5	Fungicide	lb	2.67
App Furadan by Air	appl	0	Gem 25 WG	oz	3.52
App Ordram by Air	appl	0	Manzate 75 DF	lb	2.65
Custom Apply	acre	5	Manzate Flowable	pt	1.9
Custom Terragator	acre	5	Moncut 70 DF	lb	24.85
LARice GPS Charge-SW	acre	0.35	Orbit	oz	2.75
LARice GPS Charge_NE	acre	0.25	Prevail	lb	28.06
Spray Levees, 4whlr	acre	0	Quadris	oz	2.16
FERTILIZERS			Quilt	pt	16.86
Amm Nitrate (34% N)	cwt	20	Ridomil GoldPC 10G	lb	1.9
Amm Sulfate (21% N)	cwt	16	Ridomil Gold PC	lb	2.05
nhy Ammonia (82% N)	cwt	26.85	Ridomil Gold PC Liq	oz	0

Appendix Table 4. Operating Inputs, Louisiana, 2009.

ITEM	UNIT	PRICE	ITEM	UNIT	PRICE
Boron (Solubor)	lb	0.4	Rovral 4F	pt	17.06
FUNGICIDES (Cont)			HARVEST AIDS (Cont)		
Shelter	oz	8.5	Harvade 5F	oz	0.6
Stiletto	oz	0.54	Leafless	pt	18.56
Stratego	pt	19.49	Prep	pt	4.41
Terrachlor Flowable	pt	4.74	Sodium Chlorate 3L	gal	3.04
Terraclor 2EC	pt	2.02	Solium Chlorate 6L	gal	5.2
Terraclor Super X EC	pt	3.95	Starfire	pt	0
Terraclor Super X G	lb	2.67	HERBICIDES		
Tilt 3.6 EC	oz	2.33	2,4-D Amine 4	pt	1.82
Vitavax 200	oz	0.49	2,4-D Ester	pt	1.87
Vitavax M Flowable	oz	1.06	AAtrex 4L	pt	1.57
Vitavax RTU-Thiram	oz	0.33	AAtrex NINE-O	lb	3.42
Vitavax T-L	oz	0.29	Accent Gold	oz	6.3
GIN/DRY			Accent SP	oz	31.94
Dry Corn	bu	0.19	Aim 2EC	oz	6.06
Dry Grain Sorghum	cwt	0.25	Aim DF	oz	9.65
Dry Rice	bu	0.4	Arrosolo	qt	7.88
Dry Rice (cwt)	cwt	0.9	Assure II	oz	1.12
Gin	lb	0.11	Atrazine 4L	pt	1.69
LARice Dry	cwt	0.9	Atrazine 90DF	lb	3.11
GROWTH REGULATORS			Authority 75DF	lb	26.4
Early Harvest PGR	oz	1.46	Axiom 68DF	lb	22.86
LA Polado	oz	0.38	Backdraft	pt	2.4
Mepex	oz	0.19	Banvel	pt	8.85
PGR IV	oz	1.56	Basagran	pt	10.75
Pix Plus	oz	0.28	Basis Gold	lb	18.87
Pix Ultra	oz	0.39	Beacon 75% WSP	oz	27.74
HARVEST AIDS			Beyond	oz	4.25
Accelerate	pt	2.59	Bicep II Magnum	qt	9.46
Ammonium Sulfate	lb	0.2	Bicep II zmsgnum	qt	10.58
Boll'd	pt	7.01	Blazer 2L	pt	0
CottonQuik	pt	3.12	Blazer Ultra	pt	7.81
Def 6	pt	6.75	Boa	pt	3.63
Def/Folex	pt	6.91	Bolero 8EC	pt	4.83
Dropp 50 WP	lb	45.45	Boundary	pt	8.69
Dropp SC	oz	2.37	Buctril 4EC	pt	15.37
Ethephon 6E	pt	4.35	Butoxone 175(2,4-DB)	pt	2.7
Finish 6	pt	7.61	Butoxone 200(2,4-DB)	pt	3.89
Folex 6EC	pt	7.06	Butyrac 175 (2,4-DB)	pt	2.71
Ginstar EC	pt	26.29	Butyrac 200 (2,4-DB)	pt	4.24

Appendix Table 4. Operating Inputs, Louisiana, 2009.

ITEM	UNIT	PRICE	ITEM	UNIT	PRICE
Gramoxone Extra	pt	4.86	Canopy 75%	oz	2.89
Gramoxone Max	pt	4.97	Canopy XL	oz	2.23
HERBICIDES (Cont)			HERBICIDES (Cont)		
Caparol 4L	pt	4.04	Guardsman Max	pt	5.74
Celebrity Plus	lb	87.24	Harmony Extra	oz	14.65
Clarity	pt	10.87	Hoelon 3EC	pt	10.42
Classic	oz	14.07	Karmex DF	lb	4.2
Clincher EC	oz	1.74	LA Asulox	gal	47.75
Cobra 2EC	oz	1.33	LA Weedmaster	gal	24.79
Command 3ME	pt	12.93	Lariat	qt	5.67
Conclude XACT	pt	11.32	Lasso 4EC	qt	6.6
Conclude XTRA	pt	8.32	Layby Pro	qt	9.16
Cornerstone	pt	3.63	Lexone 75DF	lb	18.9
Cotoran 4L	pt	5.03	Liberty	pt	8.89
Cotoran DF	lb	9	Lightning	oz	12.69
Cotton Pro Flowable	pt	3.36	Lightning	oz	11.23
Crossbow	pt	8.05	Linex 4L	pt	7.53
Delta Goal	pt	9.44	Londax 60DF	oz	12.7
Denim 0.16 EC	pt	24.06	Lorox 50DF	lb	16.56
Detail	pt	7.99	MSMA 6.6	pt	2.18
Direx 4L	pt	2.73	MSMA6 + Surfactant	pt	1.99
Direx 80 DF	lb	7.37	Newpath 2SL	oz	3.72
Diuron 4L	pt	2.36	Ordram 15-G	lb	1.44
Diuron 80 DF	lb	4.64	Ordram 8-E	pt	7.75
Domain 60DF	lb	12.75	Osprey	oz	3.44
DSMA 4	pt	0.9	Outlook	pt	18.27
Dual II Magnum	pt	13.47	Pendimax 3.3	pt	3.08
Dual Magnum	pt	13.47	Permit 75DF	oz	18.07
Duet	pt	3.61	Poast 1.53	pt	8.9
Evik DF 80W	lb	6.99	Poast Plus	pt	6.63
Exceed	oz	10.71	Propanil 4E	qt	5.15
Exceed Custom Pak	oz	11.5	Prowl 3.3 EC	pt	3.31
Expert	pt	4.06	Pursuit DG	oz	11.59
Facet 75DF	lb	52.09	Pursuit Plus EC	pt	6.31
First Rate	oz	27.86	Python WDG	oz	10.24
Flexstar HL	pt	13.63	Raptor	oz	4.23
FloMet 4L	pt	5.05	Reflex 2LC	pt	13.34
Freedom	qt	2.51	Regiment 80WP	oz	32.49
Front Row	oz	21.92	Remedy	pt	12.56
Frontier 6.0	oz	0.63	Resource .86EC	pt	22.6
Gramoxone Max	pt	4.97	Ricestar	pt	18.13

Appendix Table 4. Operating Inputs, Louisiana, 2009.

ITEM	UNIT	PRICE	ITEM	UNIT	PRICE
Gramoxone Max	pt	4.97	Roundup Original	pt	5.63
Grandstand R	qt	22.59	Roundup Original Max	oz	0.41
Guardsman	pt	4.66	Roundup Ultra MAX	pt	5.97
HERBICIDES (Cont)			INSECTICIDES (Cont)		
Roundup Ultra Dry	lb	6.14	Comite	pt	7.06
Roundup WeatherMax	oz	0.5	Confirm 2F	oz	1.49
Scepter 70 DG	oz	3.18	Counter 15G	lb	2.51
Select 2EC	oz	1.34	Counter CR	lb	2.65
Sencor 4F	pt	10.3	Curacron 8E	pt	9.62
Sencor DF	lb	16.01	Decis 1.5EC	oz	2.84
Squadron CE	pt	4.55	Declare	pt	4.21
Stam 4E	qt	5.12	Denim 0.16EC	pt	26.51
Stam 80 EDF	lb	5.32	Di-Syston 15G	lb	2.81
Staple 85%	oz	18.97	Di-Syston 8	pt	13.89
Staple Plus	oz	9.35	Dimethoate 4E	pt	4.73
Steadfast	oz	24.13	Dimilin 2L	oz	1.63
Steel	pt	10.28	Dipel DF	lb	10.4
Storm	pt	10	Dipel ES	pt	4.26
Strongarm	oz	41.55	Endigo ZC	pt	30.11
Superwham	qt	6.68	Force 3G	lb	4.67
Suprend	lb	10.48	Furadan 4F	pt	9.52
Surpass 20G	lb	2.36	Fury 1.5 EC	oz	1.3
Surpass EC	qt	19.27	Gaucho 480	oz	8.56
Touchdown	qt	9.32	Intrepid 2F	oz	1.97
Touchdown 4 IQ	pt	3.33	Intruder 70WP	oz	8.38
Touchdown Total	qt	13.44	Karate Z	oz	3.09
Treflan HFP	pt	3.33	Lannate LV	pt	7.67
Treflan TR-10	lb	0.77	Lannate SP	oz	24.27
Tri-Scept	pt	5.24	Larvin 3.2	oz	0.51
Trifluralin 4EC	pt	2.28	Leverage 2.7	oz	2.69
Trilin 10G	lb	0.79	Lorsban 15G	lb	1.58
Trilin 4EC	pt	2.12	Lorsban 4E	pt	4.45
Typhoon	qt	13.06	Malathion 57EC	pt	2.63
Valor WP	oz	4.23	Malathion 8E	pt	4.25
Whip 360	pt	24.12	Malathion ULV	pt	4.93
Zorial Rapid 80DF	lb	15.06	Mepichlor 4.2% Liq	pt	5.91
INSECTICIDES			Methyl Parathion	pt	4.23
Acephate 90SP	lb	7.51	Monitor 4	pt	14.97
Admire 2 Flowable	oz	4.78	Monitor 4	pt	14.97
Ammo 2.5 EC	oz	0.72	Mustang Max	oz	1.61
Asana .66 XL	oz	0.72	Orthene 90S	lb	8.42

Appendix Table 4. Operating Inputs, Louisiana, 2009.

ITEM	UNIT	PRICE	ITEM	UNIT	PRICE
Baythroid 2	oz	2.36	Orthene 97	lb	10.59
Bidrin 8L	oz	0.84	Ovasyn	pt	0
Capture 2EC	oz	1.45	Ovicide	oz	0
Centric 40WG	oz	4.45	Penncap M	pt	3.55
INSECTICIDE (Cont)			SEED/PLANTS (Cont)		
Phaser 3E	qt	8.13	Rice Clearfield 161	lb	0.63
Pounce 25WP	lb	10.94	Rice Clearfield XL8	lb	3.26
Pounce 3.2 EC	oz	0.91	Rice Seed (Levees)	lb	0.32
Provado 1.6F	oz	2.65	Rice Seed CF(Levees)	lb	0.63
Sevin 80S	lb	6.13	Rice Seed Conv.	lb	0.32
Sevin XLR Plus	qt	9.44	Rice Seed Hybrid	lb	3.1
Spintor 2SC	oz	4.93	SC Cultured seedcane	acre	484
Steward	pt	25.11	Sorghum Concept	lb	1.59
Temik 15G Grit	lb	3.49	Sorghum NonConcept	lb	1.18
Thimet 20-G	lb	2.75	Soybean Seed Private	lb	0.38
Thionex 3EC	pt	3.6	Soybean Seed RR	lb	0.74
Thionex 50W	lb	8.35	Wheat Seed Private	lb	0.27
Tracer	oz	6.58	SERVICE FEE		
Trimax	oz	4.13	Cotton Storage	bale	25
Vydate C-LV	oz	0.6	Crop Consultant	acre	6
Warrior Z	oz	2.2	Insect Scouting	acre	9
Warrior ZT	oz	1.88	Rice Consultant	acre	7
IRRIGATION SUPPLIES			Survey & Mark Levees	acre	4
Rice Gates	each	3.65	Survey & Mark Levees	acre	3.5
Roll-Out Pipe	ft	0.2	TECHNOLOGY FEE		
SEED/PLANTS			BG Cot Tech Fee	thous	0.28
Corn Seed BtRR	thous	2.42	BG Cot Tech Fee	cap/ac	19.5
Corn Seed RR	thous	2.25	BG II Cot Tech Fee	thous	0.71
Cotton Seed BGIIRRF	thous	0.52	BG II Cot Tech Fee	cap/ac	40
Cotton Seed Bt	thoud	0.28	BG II/RRF Tech Fee	thous	1.38
SEED/PLANTS			BG II/RRF Tech Fee	cap/ac	66
Corn Seed BtRR	thous	2.42	BG/RR Cot Tech Fee	thous	1.05
Corn Seed Conv.	thous	0	BG/RR Cot Tech Fee	cap/ac	49
Corn Seed RR	thous	2.25	Eradication Fee	acre	6
Cotton Seed BGIIRRF	thous	0.52	RRF Cotton Tech Fee	thous	0.86
Cotton Seed Bt	thoud	0.28	RRF Cotton Tech Fee	cap/ac	39
Cotton Seed Liberty	thous	0.62	BG II/RRF Tech Fee	cap/ac	66
Cotton Seed RR	thous	0.37	BG/RR Cot Tech Fee	thous	1.05
Cotton Seed RRF	thous	0.5	BG/RR Cot Tech Fee	cap/ac	49