

Projected Costs and Returns Crop Enterprise Budgets for Soybean Production in Louisiana, 2025

Michael A. Deliberto and Brian M. Hilbun

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FOR SOYBEAN PRODUCTION IN LOUISIANA, 2025**

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by

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Introduction

This publication presents estimates of projected costs and returns for soybean production in Louisiana for the 2025 crop year. Crop producers are annually faced with critical management decisions that impact the employment of production inputs for various crop enterprises and the combination of crops that will be assembled into a cropping system. The need for reliable information is crucial if sound production decisions are to be made. Planning information plays a pivotal role in the development of annual crop production plans by producers and is important in supporting their efforts to secure the necessary resources to carry out their plans. In addition, information regarding production alternatives and costs and returns for major crop enterprises is needed by extension personnel, researchers, lending institutions, and others involved in agriculture or agribusiness. The purpose of this report is to provide planning information regarding crop production costs and market returns for the 2025 crop year.

Crop enterprise budgets in this report are presented in two budget formats. The first budget format (table A) is a summary of costs and returns for the crop enterprise. The second budget format (table B) provides a table listing the sequence of production operations, indicating the equipment and implements used, month of operation, labor required, machine time required, and materials used. Labor costs, material costs, custom costs, and direct and fixed costs for tractors and equipment are also included for each operation. All costs are summed giving the total cost per operation or practice. In addition, breakeven prices to cover

direct production costs and total specified production costs are presented in tables C and D.

Procedure

The general procedure used in this study was to project machinery and other input price data and apply these data to the production practice data for crop enterprises produced in Louisiana. Input prices were obtained from surveys of farm suppliers, machinery dealers, and aerial applicators to provide a basis for estimating 2025 planning budgets. Machinery and other input cost data are presented in the Appendix.

The budgets included in this report are categorized by per acre total direct expenses and per acre total fixed expenses for a production season. Within these two broad categories, the various inputs are itemized with their respective costs. Although a particular enterprise budget is presented on a per acre basis, some individual cost items are specified on an hourly or price per unit basis. Direct expenses include such cost items as seed, fertilizer, chemicals, fuel, labor, repairs, and irrigation. Fixed expenses include such items as depreciation and interest on investment which are generally incurred during the production period.

Due to the detailed nature of the cost computations, a computerized budget generator procedure was utilized. The Mississippi State Budget Generator Program, developed at Mississippi State University, is utilized by the LSU Agricultural Center in developing these crop enterprise costs and returns budgets. The budget generator provides a standard format for crop and livestock budgets and this computational procedure is widely accepted for

estimating projected commodity costs and returns information for upcoming crop year planning purposes.

Expected Crop Yields and Market Prices

Projected crop enterprise budgets in this report include a calculation of expected market returns for the crop. Expected crop yields and market prices are selected at the beginning of the crop year. Projected crop yields are determined based on recent production history for expected yield given normal weather conditions. Projected market prices are specified as expected marketing year average prices for the commodity, based on harvest time futures price quotes as well as other market information at the beginning of the crop year. No estimate of income from farm program participation or crop insurance is included in this budgets due to the wide variety of farm program and crop insurance choices available to producers.

Direct Production Costs

Direct or variable production costs were estimated by utilizing updated crop production input price data. Input price data for various crop production inputs were updated by obtaining prices from farm input suppliers in the fall and winter prior to the crop year. Herbicide, fertilizer, and insecticide expenditures for each enterprise budget are based upon the types of chemicals producers generally reported using for that situation. Suggested prices for selected farm inputs and aerial application rates are presented in the appendix.

Hired labor was charged at \$14.83 per hour for all classes of labor except for harvest machinery and laser leveling operator labor. This wage rate include a basic wage rate plus additional costs for social security, Medicare, and workman's compensation. Operator labor was charged at \$18.69 per hour, which includes a basic wage rate plus additional costs for social security, Medicare, and workman's compensation. The higher wage rate was

charged for these classes of operators because of the relatively higher skills required to run these types of machinery and the general consensus that these operators are generally twelve month (salaried) employees i.e. foremen. Farm labor may not be generally available on an hourly basis; however, an hourly charge represents a practical method for charging labor to the respective crop enterprises on a per acre basis.

Interest on operating capital (short term) was charged at a nominal rate of 8.25% per year. Operating capital was assumed to be borrowed in a manner consistent with timely acquisition of inputs. Fuel price for diesel was \$2.80 per gallon. Variable costs for tractors, self-propelled machinery, and irrigation machinery include the cost of fuel, lubrication, and repair.

The intermediate term interest rate was charged at an historical real rate of 8.50%. The reasoning behind the difference in short and intermediate term rates is that longer term nominal rates are highly variable and closely follow the trend set by the rate of inflation. Intermediate term interest rates above the real rate of interest can overstate true interest costs because they overlook the value gained by an asset due solely to inflation.

Farm Machinery Costs

Machinery cost data were obtained from a sample of machinery dealers. New machinery prices were used to reflect the economic cost of acquiring and maintaining capital assets in current dollar values. Purchase prices for selected power and machinery items included in this report are presented in the appendix. Other data included in the appendix indicate hours of annual use and years of life for each selected machinery item. Fuel consumption, accumulated repair costs, and other machinery performance data are based on ASAE standards. Machinery fixed costs are calculated using the capital recovery method which includes estimates of both annual depreciation and interest on investment.

Overhead Costs

Overhead costs reflect significant expenses associated with the operation of the entire farm business, but are not necessarily attributable to a specific crop enterprise. Examples of farm overhead costs include tax services, record keeping, utilities, farmstead maintenance, and insurance and property taxes where applicable. General farm overhead costs can vary greatly from farm to farm based on many factors including farm size, land tenure and crop production technology utilized. As the primary purpose of this report is to estimate production costs associated with a specific commodity, no charges for general farm overhead are included.

Land and Management Charges

The estimated production expenses included in this report include only direct and fixed expenses associated with the production of the specific crop enterprise. Labor charges included in the enterprise budgets only include charges for field labor. No charges for management are included. In addition, no charges for land are included in the enterprise cost tables. Following each set of enterprise cost tables, two sets of net return tables are included. One set, representing owner operators, includes estimates of net returns above direct and total specified costs, which would represent returns to land, management and general farm overhead. Another set, representing tenant operators, includes estimates net returns above direct and total specified costs with a crop share taken out of revenue, representing net returns to management and general farm overhead.

Acknowledgments

Several individuals were instrumental in making this report possible. The authors are particularly indebted to Louisiana crop producers and LSU Agricultural Center Extension Service agents and Experiment Station scientists for their cooperation and assistance in providing specific production practice information, as well as farm suppliers and agribusiness firms for supplying input price information.

Internet Access

This publication, along with projected costs and returns reports for other major agricultural crop commodities produced in Louisiana, as well as other farm management publications, are available on the Internet on the LSU AgCenter web page under the “*Extension and Outreach*” section of the Department of Agricultural Economics and Agribusiness web page. These projected costs and returns reports are also available on the LSU Ag Center crop commodities web pages. The web address for the LSU AgCenter is: www.lsuagcenter.com

Table 1.A Estimated costs per Acre
 Soybeans, RR, 8-row equipment, stale seedbed, non-irrigated,
 alluvial soils, Northeast Louisiana, 2025.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	3.0000	24.15	_____
App by Air (3 gal)	appl	7.50	5.0000	37.50	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.32	16.0000	5.12	_____
FERTILIZERS					
LA Phosphate	lb	0.79	50.0000	39.50	_____
LA Potash	lb	0.38	50.0000	19.00	_____
FUNGICIDES					
Quadris	oz	1.70	6.0000	10.20	_____
Stratego	pt	22.50	0.6250	14.06	_____
HERBICIDES					
Roundup WeatherMax	oz	0.17	66.0000	11.22	_____
2,4-D Amine 4	pt	2.23	1.0000	2.23	_____
Valor WP	oz	1.63	2.0000	3.26	_____
Dual II Magnum	pt	10.00	1.0000	10.00	_____
Flexstar HL	pt	8.75	1.0000	8.75	_____
INSECTICIDES					
Brigade EC	pt	20.45	0.7500	15.34	_____
Prevathon	oz	1.05	16.0000	16.80	_____
Besiege	oz	2.91	10.0000	29.10	_____
Surfactant	pt	3.30	1.0000	3.30	_____
SEED/PLANTS					
Soybean Seed RR	lb	1.16	50.0000	58.00	_____
SERVICE FEE					
Digital Ag Fee	acre	10.00	1.0000	10.00	_____
Soil Test	acre	10.00	0.3300	3.30	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	51.39	0.3300	16.96	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.29	45.0000	13.05	_____
OPERATOR LABOR					
Harvesters	hour	18.69	0.0851	1.59	_____
LA Hired Labor					
Implements	hour	14.83	0.1345	2.00	_____
Tractors	hour	14.83	0.4272	6.35	_____
DIESEL FUEL					
Tractors	gal	2.80	4.0612	11.37	_____
Harvesters	gal	2.80	1.2047	3.37	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.43	1.0000	7.43	_____
Tractors	Acre	3.39	1.0000	3.39	_____
Harvesters	Acre	4.11	1.0000	4.11	_____
INTEREST ON OP. CAP.	Acre	11.67	1.0000	11.67	_____

TOTAL DIRECT EXPENSES				402.12	_____
FIXED EXPENSES					
Implements	Acre	16.63	1.0000	16.63	_____
Tractors	Acre	26.19	1.0000	26.19	_____
Harvesters	Acre	19.66	1.0000	19.66	_____

TOTAL FIXED EXPENSES				62.48	_____

TOTAL SPECIFIED EXPENSES				464.60	_____

Table 1.B Estimated resource use and costs for field operations, per Acre
 Soybeans, RR, 8-row equipment, stale seedbed, non-irrigated,
 alluvial soils, Northeast Louisiana, 2025.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Oct	2.79	5.14	1.53	2.14	0.11	1.73				13.33
LA Phosphate	lb											50.0000	0.79	39.50	39.50
LA Potash	lb											50.0000	0.38	19.00	19.00
Lime (Spread)	ton			0.33	Oct							0.3300	51.39	16.96	16.96
Disk Harrow	28'	MFWD 225	0.070	1.00	Oct	2.99	5.54	1.48	3.93	0.07	1.04				14.98
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.75	3.21	0.06	0.19	0.04	0.72				5.93
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Oct	2.66	4.91	0.85	2.80	0.07	1.10				12.32
Ditcher		2WD 130	0.020	1.00	Oct	0.45	0.63	0.07	0.12	0.02	0.30				1.57
App by Air (5 gal)	appl			1.00	Mar							1.0000	8.05	8.05	8.05
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
2,4-D Amine 4	pt											1.0000	2.23	2.23	2.23
Valor WP	oz											2.0000	1.63	3.26	3.26
Plant - Folding	8R-38	MFWD 170	0.074	1.00	May	2.34	3.91	2.03	4.91	0.14	2.22				15.41
Soybean Seed RR	lb											50.0000	1.16	58.00	58.00
Ditcher		2WD 130	0.020	1.00	May	0.45	0.63	0.07	0.12	0.02	0.30				1.57
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	1.33	2.22	0.21	0.31	0.06	0.94				5.01
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Dual II Magnum	pt											1.0000	10.00	10.00	10.00
App by Air (5 gal)	appl			1.00	Jun							1.0000	8.05	8.05	8.05
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Flexstar HL	pt											1.0000	8.75	8.75	8.75
App by Air (3 gal)	appl			1.00	Jul							1.0000	7.50	7.50	7.50
Brigade EC	pt											0.3750	20.45	7.67	7.67
Quadris	oz											6.0000	1.70	10.20	10.20
App by Air (3 gal)	appl			1.00	Jul							1.0000	7.50	7.50	7.50
Prevathon	oz											8.0000	1.05	8.40	8.40
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Besiege	oz											5.0000	2.91	14.55	14.55
Stratego	pt											0.6250	22.50	14.06	14.06
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Prevathon	oz											8.0000	1.05	8.40	8.40
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Brigade EC	pt											0.3750	20.45	7.67	7.67
Besiege	oz											5.0000	2.91	14.55	14.55
App by Air (5 gal)	appl			1.00	Sep							1.0000	8.05	8.05	8.05
Gramoxone Inteon	oz											16.0000	0.32	5.12	5.12
Surfactant	pt											1.0000	3.30	3.30	3.30
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	7.48	19.66	1.13	2.11	0.08	1.59				31.97
Digital Ag Fee	acre			1.00	Oct							1.0000	10.00	10.00	10.00
Soil Test	acre											0.3300	10.00	3.30	3.30
Haul Soybeans	bu			1.00	Oct							45.0000	0.29	13.05	13.05
TOTALS						22.24	45.85	7.43	16.63	0.64	9.94			350.84	452.93
INTEREST ON OPERATING CAPITAL															11.67
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															464.60

Table 1.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
Soybeans, RR, 8-row equipment, stale seedbed, non-irrigated,
alluvial soils, Northeast Louisiana, 2025.

			-----BREAKEVEN PRICE-----										
Soybeans			6.05	6.46	6.94	7.49	8.15	8.93	9.89	11.09	12.63	14.69	17.57
PERCENT	YIELD	UNIT	-----dollars-----										
50	22.50	bu	-259	-250	-239	-226	-212	-194	-172	-145	-111	-64	0
			-321	-312	-301	-289	-274	-256	-235	-208	-173	-127	-62
60	27.00	bu	-233	-222	-209	-194	-176	-155	-129	-97	-55	0	77
			-295	-284	-271	-256	-239	-218	-192	-159	-118	-62	15
70	31.50	bu	-207	-194	-179	-162	-141	-116	-86	-48	0	64	155
			-269	-256	-241	-224	-203	-179	-148	-111	-62	2	93
80	36.00	bu	-181	-166	-149	-129	-106	-77	-43	0	55	129	233
			-243	-229	-212	-192	-168	-140	-105	-62	-6	67	170
90	40.50	bu	-155	-138	-119	-97	-70	-38	0	48	111	194	311
			-218	-201	-182	-159	-133	-101	-62	-13	48	131	248
100	45.00	bu	-129	-111	-89	-64	-35	0	43	97	166	259	388
			-192	-173	-152	-127	-97	-62	-19	34	104	196	326
110	49.50	bu	-103	-83	-59	-32	0	38	86	145	222	324	466
			-166	-145	-122	-94	-62	-23	23	83	159	261	404
120	54.00	bu	-77	-55	-29	0	35	77	129	194	277	388	544
			-140	-118	-92	-62	-27	15	67	131	215	326	481
130	58.50	bu	-51	-27	0	32	70	116	172	243	333	453	622
			-114	-90	-62	-30	8	54	110	180	270	391	559
140	63.00	bu	-25	0	29	64	106	155	216	291	388	518	700
			-88	-62	-32	2	43	93	153	229	326	456	637
150	67.50	bu	0	27	59	97	141	194	259	340	444	583	777
			-62	-34	-2	34	78	131	196	277	381	520	715

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 1.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre
Soybeans, RR, 8-row equipment, stale seedbed, non-irrigated,
alluvial soils, Northeast Louisiana, 2025.

			-----BREAKEVEN PRICE-----										
Soybeans			6.98	7.45	8.00	8.65	9.41	10.32	11.43	12.83	14.62	17.01	20.35
PERCENT	YIELD	UNIT	-----dollars-----										
50	22.50	bu	-238	-227	-215	-200	-183	-163	-138	-106	-66	-12	62
			-300	-290	-277	-263	-246	-225	-200	-169	-128	-75	0
60	27.00	bu	-208	-195	-180	-163	-142	-118	-87	-50	-2	62	152
			-270	-257	-243	-225	-205	-180	-150	-112	-64	0	90
70	31.50	bu	-178	-163	-145	-125	-101	-72	-37	6	62	137	243
			-240	-225	-208	-188	-164	-135	-100	-56	0	75	180
80	36.00	bu	-148	-130	-111	-87	-60	-27	12	62	126	212	333
			-210	-193	-173	-150	-123	-90	-50	0	64	150	270
90	40.50	bu	-118	-98	-76	-50	-19	17	62	118	191	288	423
			-180	-161	-138	-112	-82	-45	0	56	128	225	361
100	45.00	bu	-87	-66	-41	-12	21	62	112	175	255	363	513
			-150	-128	-104	-75	-41	0	50	112	193	300	451
110	49.50	bu	-57	-34	-6	24	62	107	162	231	320	438	604
			-120	-96	-69	-37	0	45	100	169	257	376	541
120	54.00	bu	-27	-2	27	62	103	152	212	288	384	513	694
			-90	-64	-34	0	41	90	150	225	322	451	631
130	58.50	bu	2	30	62	100	144	197	263	344	449	589	784
			-60	-32	0	37	82	135	200	282	386	526	722
140	63.00	bu	32	62	97	137	185	243	313	401	513	664	874
			-30	0	34	75	123	180	250	338	451	601	812
150	67.50	bu	62	94	131	175	226	288	363	457	578	739	965
			0	32	69	112	164	225	300	394	515	677	902

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 2.A Estimated costs per Acre
 Soybeans, RR, 8-row equipment, stale seedbed, irrigated,
 alluvial soils, Northeast Louisiana, 2025.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	2.0000	16.10	_____
App by Air (3 gal)	appl	7.50	6.0000	45.00	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.32	16.0000	5.12	_____
FERTILIZERS					
LA Phosphate	lb	0.79	50.0000	39.50	_____
LA Potash	lb	0.38	50.0000	19.00	_____
FUNGICIDES					
Quadris	oz	1.70	6.0000	10.20	_____
Stratego	pt	22.50	0.6250	14.06	_____
HERBICIDES					
Roundup WeatherMax	oz	0.17	66.0000	11.22	_____
2,4-D Amine 4	pt	2.23	1.0000	2.23	_____
Valor WP	oz	1.63	2.0000	3.26	_____
Dual II Magnum	pt	10.00	1.0000	10.00	_____
Flexstar HL	pt	8.75	1.0000	8.75	_____
INSECTICIDES					
Brigade EC	pt	20.45	0.7500	15.34	_____
Prevathon	oz	1.05	16.0000	16.80	_____
Besiege	oz	2.91	10.0000	29.10	_____
Surfactant	pt	3.30	1.0000	3.30	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	_____
SEED/PLANTS					
Soybean Seed RR	lb	1.16	50.0000	58.00	_____
SERVICE FEE					
Digital Ag Fee	acre	10.00	1.0000	10.00	_____
Soil Test	acre	10.00	0.3300	3.30	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	51.39	0.3300	16.96	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.29	55.0000	15.95	_____
OPERATOR LABOR					
Harvesters	hour	18.69	0.0851	1.59	_____
IRRIGATION LABOR					
Implements	hour	14.83	0.0062	0.09	_____
LA Hired Labor					
Implements	hour	14.83	0.1345	2.00	_____
Tractors	hour	14.83	0.7203	10.70	_____
LA Irrigation Labor					
Special Labor	hour	14.83	0.1500	2.22	_____
DIESEL FUEL					
Tractors	gal	2.80	6.8886	19.29	_____
Harvesters	gal	2.80	1.2047	3.37	_____
Roll-Out Pipe Irr.	gal	2.80	4.8877	13.68	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.68	1.0000	7.68	_____
Tractors	Acre	5.84	1.0000	5.84	_____
Harvesters	Acre	4.11	1.0000	4.11	_____
Roll-Out Pipe Irr.	Acre	5.36	1.0000	5.36	_____
INTEREST ON OP. CAP.	Acre	12.92	1.0000	12.92	_____
TOTAL DIRECT EXPENSES				449.96	_____
FIXED EXPENSES					
Implements	Acre	17.56	1.0000	17.56	_____
Tractors	Acre	45.17	1.0000	45.17	_____
Harvesters	Acre	19.66	1.0000	19.66	_____
Roll-Out Pipe Irr.	Acre	68.61	1.0000	68.61	_____
TOTAL FIXED EXPENSES				151.00	_____
TOTAL SPECIFIED EXPENSES				600.96	_____

Table 2.B Estimated resource use and costs for field operations, per Acre
 Soybeans, RR, 8-row equipment, stale seedbed, irrigated,
 alluvial soils, Northeast Louisiana, 2025.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton		0.33	Oct								0.3300	51.39	16.96	16.96
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Oct	2.79	5.14	1.53	2.14	0.11	1.73				13.33
LA Phosphate	lb											50.0000	0.79	39.50	39.50
LA Potash	lb											50.0000	0.38	19.00	19.00
Disk Harrow	28'	MFWD 225	0.070	1.00	Oct	2.99	5.54	1.48	3.93	0.07	1.04				14.98
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.75	3.21	0.06	0.19	0.04	0.72				5.93
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Oct	2.66	4.91	0.67	2.21	0.07	1.10				11.55
Ditcher		2WD 130	0.020	1.00	Oct	0.45	0.63	0.07	0.12	0.02	0.30				1.57
App by Air (5 gal)	appl			1.00	Mar							1.0000	8.05	8.05	8.05
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
2,4-D Amine 4	pt											1.0000	2.23	2.23	2.23
Valor WP	oz											2.0000	1.63	3.26	3.26
Plant - Folding	8R-38	MFWD 170	0.074	1.00	May	2.34	3.91	2.03	4.91	0.14	2.22				15.41
Soybean Seed RR	lb											50.0000	1.16	58.00	58.00
Ditcher		2WD 130	0.020	1.00	May	0.45	0.63	0.07	0.12	0.02	0.30				1.57
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	1.33	2.22	0.21	0.31	0.06	0.94				5.01
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Dual II Magnum	pt											1.0000	10.00	10.00	10.00
App by Air (5 gal)	appl			1.00	Jun							1.0000	8.05	8.05	8.05
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Flexstar HL	pt											1.0000	8.75	8.75	8.75
App by Air (3 gal)	appl			1.00	Jul							1.0000	7.50	7.50	7.50
Brigade EC	pt											0.3750	20.45	7.67	7.67
Quadris	oz											6.0000	1.70	10.20	10.20
App by Air (3 gal)	appl			1.00	Jul							1.0000	7.50	7.50	7.50
Prevathon	oz											8.0000	1.05	8.40	8.40
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Besiege	oz											5.0000	2.91	14.55	14.55
Stratego	pt											0.6250	22.50	14.06	14.06
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Prevathon	oz											8.0000	1.05	8.40	8.40
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Brigade EC	pt											0.3750	20.45	7.67	7.67
Besiege	oz											5.0000	2.91	14.55	14.55
App by Air (3 gal)	appl			1.00	Sep							1.0000	7.50	7.50	7.50
Gramoxone Inteon	oz											16.0000	0.32	5.12	5.12
Surfactant	pt											1.0000	3.30	3.30	3.30
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	7.48	19.66	1.13	2.11	0.08	1.59				31.97
Digital Ag Fee	acre			1.00	Oct							1.0000	10.00	10.00	10.00
Soil Test	acre											0.3300	10.00	3.30	3.30
Haul Soybeans	bu			1.00	Oct							55.0000	0.29	15.95	15.95
Roll-Out Pipe Irr.	Acres				Jul	10.37	18.98	19.47	70.13	0.44	6.66	1.0000		7.92	133.53
TOTALS						32.61	64.83	26.72	86.17	1.09	16.60			361.11	588.04
INTEREST ON OPERATING CAPITAL															12.92
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															600.96

Table 2.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
Soybeans, RR, 8-row equipment, stale seedbed, irrigated,
alluvial soils, Northeast Louisiana, 2025.

			BREAKEVEN PRICE										
Soybeans			5.55	5.92	6.36	6.86	7.46	8.18	9.05	10.15	11.56	13.43	16.06
PERCENT	YIELD	UNIT	-dollars-										
50	27.50	bu	-289	-278	-266	-253	-236	-216	-192	-162	-123	-72	0
			-440	-429	-417	-404	-387	-367	-343	-313	-274	-223	-151
60	33.00	bu	-260	-247	-233	-216	-197	-173	-144	-108	-61	0	86
			-411	-398	-384	-367	-348	-324	-295	-259	-212	-151	-64
70	38.50	bu	-231	-216	-200	-180	-157	-130	-96	-54	0	72	173
			-382	-367	-351	-331	-308	-281	-247	-205	-151	-78	22
80	44.00	bu	-202	-185	-166	-144	-118	-86	-48	0	61	144	260
			-353	-336	-317	-295	-269	-237	-199	-151	-89	-6	109
90	49.50	bu	-173	-154	-133	-108	-78	-43	0	54	123	216	347
			-324	-305	-284	-259	-229	-194	-151	-96	-27	65	196
100	55.00	bu	-144	-123	-100	-72	-39	0	48	108	185	289	433
			-295	-274	-251	-223	-190	-151	-102	-42	34	138	282
110	60.50	bu	-115	-92	-66	-36	0	43	96	162	247	361	520
			-266	-243	-217	-187	-151	-107	-54	11	96	210	369
120	66.00	bu	-86	-61	-33	0	39	86	144	216	309	433	607
			-237	-212	-184	-151	-111	-64	-6	65	158	282	456
130	71.50	bu	-57	-30	0	36	78	130	192	271	371	506	694
			-208	-181	-151	-114	-72	-20	41	120	220	355	543
140	77.00	bu	-28	0	33	72	118	173	240	325	433	578	780
			-179	-151	-117	-78	-32	22	89	174	282	427	629
150	82.50	bu	0	30	66	108	157	216	289	379	495	650	867
			-151	-120	-84	-42	6	65	138	228	344	499	716

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

Table 2.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre
Soybeans, RR, 8-row equipment, stale seedbed, irrigated,
alluvial soils, Northeast Louisiana, 2025.

			BREAKEVEN PRICE										
Soybeans			7.38	7.88	8.47	9.15	9.95	10.92	12.10	13.58	15.48	18.01	21.55
PERCENT	YIELD	UNIT	-dollars-										
50	27.50	bu	-238	-224	-208	-190	-167	-141	-108	-68	-16	53	151
			-389	-375	-359	-341	-318	-292	-259	-219	-167	-97	0
60	33.00	bu	-199	-183	-163	-141	-114	-82	-43	4	67	151	267
			-350	-334	-314	-292	-265	-233	-194	-146	-83	0	116
70	38.50	bu	-160	-141	-118	-92	-61	-24	21	77	151	248	384
			-311	-292	-269	-243	-212	-175	-129	-73	0	97	233
80	44.00	bu	-121	-99	-73	-43	-8	34	86	151	234	345	501
			-272	-250	-224	-194	-159	-116	-64	0	83	194	350
90	49.50	bu	-82	-57	-28	4	44	92	151	224	318	443	618
			-233	-208	-179	-146	-106	-58	0	73	167	292	467
100	55.00	bu	-43	-16	16	53	97	151	215	297	401	540	735
			-194	-167	-134	-97	-53	0	64	146	250	389	584
110	60.50	bu	-4	25	61	102	151	209	280	370	485	638	852
			-155	-125	-89	-48	0	58	129	219	334	487	701
120	66.00	bu	34	67	106	151	204	267	345	443	568	735	969
			-116	-83	-44	0	53	116	194	292	417	584	818
130	71.50	bu	73	109	151	199	257	326	410	516	652	833	1086
			-77	-41	0	48	106	175	259	365	501	682	935
140	77.00	bu	112	151	195	248	310	384	475	589	735	930	1203
			-38	0	44	97	159	233	324	438	584	779	1052
150	82.50	bu	151	192	240	297	363	443	540	662	819	1028	1320
			0	41	89	146	212	292	389	511	668	877	1169

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 3.A Estimated costs per Acre
 Soybeans, RR, 8-row equipment, stale seedbed,
 irrigated, Macon Ridge, Northeast Louisiana, 2025.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	2.0000	16.10	_____
App by Air (3 gal)	appl	7.50	6.0000	45.00	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.32	16.0000	5.12	_____
FERTILIZERS					
LA Phosphate	lb	0.79	50.0000	39.50	_____
LA Potash	lb	0.38	50.0000	19.00	_____
FUNGICIDES					
Quadris	oz	1.70	6.0000	10.20	_____
Stratego	pt	22.50	0.6250	14.06	_____
HERBICIDES					
Roundup WeatherMax	oz	0.17	66.0000	11.22	_____
2,4-D Amine 4	pt	2.23	1.0000	2.23	_____
Valor WP	oz	1.63	2.0000	3.26	_____
Dual II Magnum	pt	10.00	1.0000	10.00	_____
Flexstar HL	pt	8.75	1.0000	8.75	_____
INSECTICIDES					
Brigade EC	pt	20.45	0.7500	15.34	_____
Prevathon	oz	1.05	16.0000	16.80	_____
Besiege	oz	2.91	10.0000	29.10	_____
Surfactant	pt	3.30	1.0000	3.30	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	_____
SEED/PLANTS					
Soybean Seed RR	lb	1.16	50.0000	58.00	_____
SERVICE FEE					
Digital Ag Fee	acre	10.00	1.0000	10.00	_____
Soil Test	acre	10.00	0.3300	3.30	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.29	50.0000	14.50	_____
OPERATOR LABOR					
Harvesters	hour	18.69	0.0851	1.59	_____
IRRIGATION LABOR					
Implements	hour	14.83	0.0062	0.09	_____
LA Hired Labor					
Implements	hour	14.83	0.1345	2.00	_____
Tractors	hour	14.83	0.7203	10.70	_____
LA Irrigation Labor					
Special Labor	hour	14.83	0.1500	2.22	_____
DIESEL FUEL					
Tractors	gal	2.80	6.8886	19.29	_____
Harvesters	gal	2.80	1.2047	3.37	_____
Roll-Out Pipe Irr.	gal	2.80	4.8877	13.68	_____
REPAIR & MAINTENANCE					
Implements	Acre	8.11	1.0000	8.11	_____
Tractors	Acre	5.84	1.0000	5.84	_____
Harvesters	Acre	4.11	1.0000	4.11	_____
Roll-Out Pipe Irr.	Acre	5.36	1.0000	5.36	_____
INTEREST ON OP. CAP.	Acre	12.68	1.0000	12.68	_____
TOTAL DIRECT EXPENSES				431.74	_____
FIXED EXPENSES					
Implements	Acre	18.53	1.0000	18.53	_____
Tractors	Acre	45.17	1.0000	45.17	_____
Harvesters	Acre	19.66	1.0000	19.66	_____
Roll-Out Pipe Irr.	Acre	68.61	1.0000	68.61	_____
TOTAL FIXED EXPENSES				151.97	_____
TOTAL SPECIFIED EXPENSES				583.71	_____

Table 3.B Estimated resource use and costs for field operations, per Acre
 Soybeans, RR, 8-row equipment, stale seedbed,
 irrigated, Macon Ridge, Northeast Louisiana, 2025.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Oct	2.79	5.14	1.53	2.14	0.11	1.73				13.33
LA Phosphate	lb											50.0000	0.79	39.50	39.50
LA Potash	lb											50.0000	0.38	19.00	19.00
Disk Harrow	28'	MFWD 225	0.070	1.00	Oct	2.99	5.54	1.48	3.93	0.07	1.04				14.98
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.75	3.21	0.06	0.19	0.04	0.72				5.93
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Oct	2.66	4.91	0.85	2.80	0.07	1.10				12.32
Ditcher		2WD 130	0.020	1.00	Oct	0.45	0.63	0.07	0.12	0.02	0.30				1.57
App by Air (5 gal)	appl			1.00	Mar							1.0000	8.05	8.05	8.05
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
2,4-D Amine 4	pt											1.0000	2.23	2.23	2.23
Valor WP	oz											2.0000	1.63	3.26	3.26
Plant - Folding	8R-38	MFWD 170	0.074	1.00	May	2.34	3.91	2.03	4.91	0.14	2.22				15.41
Soybean Seed RR	lb											50.0000	1.16	58.00	58.00
Ditcher		2WD 130	0.020	1.00	May	0.45	0.63	0.07	0.12	0.02	0.30				1.57
Spray (Bcast/HB)	40' Fold	MFWD 170	0.042	1.00	May	1.33	2.22	0.46	0.69	0.06	0.94				5.64
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Dual II Magnum	pt											1.0000	10.00	10.00	10.00
App by Air (5 gal)	appl			1.00	Jun							1.0000	8.05	8.05	8.05
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Flexstar HL	pt											1.0000	8.75	8.75	8.75
App by Air (3 gal)	appl			1.00	Jul							1.0000	7.50	7.50	7.50
Brigade EC	pt											0.3750	20.45	7.67	7.67
Quadris	oz											6.0000	1.70	10.20	10.20
App by Air (3 gal)	appl			1.00	Jul							1.0000	7.50	7.50	7.50
Prevathon	oz											8.0000	1.05	8.40	8.40
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Besiege	oz											5.0000	2.91	14.55	14.55
Stratego	pt											0.6250	22.50	14.06	14.06
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Prevathon	oz											8.0000	1.05	8.40	8.40
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Brigade EC	pt											0.3750	20.45	7.67	7.67
Besiege	oz											5.0000	2.91	14.55	14.55
App by Air (3 gal)	appl			1.00	Sep							1.0000	7.50	7.50	7.50
Gramoxone Inteon	oz											16.0000	0.32	5.12	5.12
Surfactant	pt											1.0000	3.30	3.30	3.30
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	7.48	19.66	1.13	2.11	0.08	1.59				31.97
Digital Ag Fee	acre			1.00	Oct							1.0000	10.00	10.00	10.00
Soil Test	acre											0.3300	10.00	3.30	3.30
Haul Soybeans	bu			1.00	Oct							50.0000	0.29	14.50	14.50
Roll-Out Pipe Irr.	Acre				Jul	10.37	18.98	19.47	70.13	0.44	6.66	1.0000		7.92	133.53
TOTALS						32.61	64.83	27.15	87.14	1.09	16.60			342.70	571.03
INTEREST ON OPERATING CAPITAL															12.68
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															583.71

Table 3.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
Soybeans, RR, 8-row equipment, stale seedbed,
irrigated, Macon Ridge, Northeast Louisiana, 2025.

			-----BREAKEVEN PRICE-----										
Soybeans			5.85	6.25	6.71	7.24	7.87	8.63	9.56	10.72	12.20	14.19	16.97
PERCENT	YIELD	UNIT	-----dollars-----										
50	25.00	bu	-278	-268	-256	-243	-227	-208	-185	-156	-119	-69	0
			-429	-420	-408	-395	-379	-360	-337	-308	-271	-221	-151
60	30.00	bu	-250	-238	-224	-208	-189	-166	-139	-104	-59	0	83
			-402	-390	-376	-360	-341	-318	-290	-256	-211	-151	-68
70	35.00	bu	-222	-208	-192	-173	-151	-125	-92	-52	0	69	166
			-374	-360	-344	-325	-303	-277	-244	-204	-151	-82	14
80	40.00	bu	-194	-178	-160	-139	-113	-83	-46	0	59	139	250
			-346	-330	-312	-290	-265	-235	-198	-151	-92	-12	98
90	45.00	bu	-166	-148	-128	-104	-75	-41	0	52	119	208	333
			-318	-300	-280	-256	-227	-193	-151	-99	-32	56	181
100	50.00	bu	-139	-119	-96	-69	-37	0	46	104	178	278	417
			-290	-271	-248	-221	-189	-151	-105	-47	26	126	265
110	55.00	bu	-111	-89	-64	-34	0	41	92	156	238	347	500
			-263	-241	-216	-186	-151	-110	-59	4	86	195	348
120	60.00	bu	-83	-59	-32	0	37	83	139	208	297	417	583
			-235	-211	-184	-151	-114	-68	-12	56	145	265	431
130	65.00	bu	-55	-29	0	34	75	125	185	260	357	486	667
			-207	-181	-151	-117	-76	-26	33	108	205	334	515
140	70.00	bu	-27	0	32	69	113	166	231	312	417	556	750
			-179	-151	-119	-82	-38	14	79	160	265	404	598
150	75.00	bu	0	29	64	104	151	208	278	364	476	625	834
			-151	-122	-87	-47	-0	56	126	212	324	473	682

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 3.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre
Soybeans, RR, 8-row equipment, stale seedbed,
irrigated, Macon Ridge, Northeast Louisiana, 2025.

			-----BREAKEVEN PRICE-----										
Soybeans			7.88	8.42	9.04	9.77	10.63	11.67	12.93	14.51	16.55	19.26	23.05
PERCENT	YIELD	UNIT	-----dollars-----										
50	25.00	bu	-227	-213	-198	-179	-158	-132	-100	-61	-10	57	151
			-379	-365	-350	-331	-310	-284	-252	-213	-162	-94	0
60	30.00	bu	-189	-173	-154	-132	-106	-75	-37	9	70	151	265
			-341	-325	-306	-284	-258	-227	-189	-142	-81	0	113
70	35.00	bu	-151	-132	-110	-85	-54	-18	25	80	151	246	379
			-303	-284	-262	-237	-206	-170	-126	-71	0	94	227
80	40.00	bu	-113	-91	-66	-37	-3	38	88	151	233	341	493
			-265	-243	-218	-189	-155	-113	-63	0	81	189	341
90	45.00	bu	-75	-51	-23	9	48	95	151	223	314	436	607
			-227	-203	-175	-142	-103	-56	0	71	162	284	455
100	50.00	bu	-37	-10	20	57	100	151	215	294	395	531	720
			-189	-162	-131	-94	-51	0	63	142	243	379	569
110	55.00	bu	0	30	64	104	151	208	278	365	477	626	834
			-151	-121	-87	-47	0	56	126	213	325	474	682
120	60.00	bu	38	70	108	151	203	265	341	436	558	720	948
			-113	-81	-43	0	51	113	189	284	406	569	796
130	65.00	bu	76	111	151	199	255	322	404	507	639	815	1062
			-75	-40	0	47	103	170	252	355	487	663	910
140	70.00	bu	114	151	195	246	307	379	468	578	720	910	1176
			-37	0	43	94	155	227	316	426	569	758	1024
150	75.00	bu	151	192	239	294	358	436	531	649	802	1005	1289
			0	40	87	142	206	284	379	497	650	853	1138

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 4.A Estimated costs per Acre
 Soybeans, RR, 12-row equipment, 20-inch rows, non-irrigated,
 alluvial soils, Northeast Louisiana, 2025.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	3.0000	24.15	_____
App by Air (3 gal)	appl	7.50	5.0000	37.50	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.32	16.0000	5.12	_____
FERTILIZERS					
LA Phosphate	lb	0.79	50.0000	39.50	_____
LA Potash	lb	0.38	50.0000	19.00	_____
FUNGICIDES					
Quadris	oz	1.70	6.0000	10.20	_____
Stratego	pt	22.50	0.6250	14.06	_____
HERBICIDES					
Roundup WeatherMax	oz	0.17	66.0000	11.22	_____
2,4-D Amine 4	pt	2.23	1.0000	2.23	_____
Valor WP	oz	1.63	2.0000	3.26	_____
Dual II Magnum	pt	10.00	1.0000	10.00	_____
Flexstar HL	pt	8.75	1.0000	8.75	_____
INSECTICIDES					
Brigade EC	pt	20.45	0.7500	15.34	_____
Prevathon	oz	1.05	16.0000	16.80	_____
Besiege	oz	2.91	10.0000	29.10	_____
Surfactant	pt	3.30	1.0000	3.30	_____
SEED/PLANTS					
Soybean Seed RR	lb	1.16	50.0000	58.00	_____
SERVICE FEE					
Digital Ag Fee	acre	10.00	1.0000	10.00	_____
Soil Test	acre	10.00	0.3300	3.30	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	51.39	0.3300	16.96	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.29	45.0000	13.05	_____
OPERATOR LABOR					
Harvesters	hour	18.69	0.0851	1.59	_____
LA Hired Labor					
Implements	hour	14.83	0.1586	2.35	_____
Tractors	hour	14.83	0.3542	5.27	_____
DIESEL FUEL					
Tractors	gal	2.80	3.4392	9.63	_____
Harvesters	gal	2.80	1.2047	3.37	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.18	1.0000	7.18	_____
Tractors	Acre	2.91	1.0000	2.91	_____
Harvesters	Acre	4.11	1.0000	4.11	_____
INTEREST ON OP. CAP.	Acre	11.72	1.0000	11.72	_____

TOTAL DIRECT EXPENSES				398.97	_____
FIXED EXPENSES					
Implements	Acre	16.45	1.0000	16.45	_____
Tractors	Acre	22.49	1.0000	22.49	_____
Harvesters	Acre	19.66	1.0000	19.66	_____

TOTAL FIXED EXPENSES				58.60	_____

TOTAL SPECIFIED EXPENSES				457.57	_____

Table 4.B Estimated resource use and costs for field operations, per Acre
 Soybeans, RR, 12-row equipment, 20-inch rows, non-irrigated,
 alluvial soils, Northeast Louisiana, 2025.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Fert Appl (Liquid)	12R-30	MFWD 225	0.078	1.00	Oct	3.35	6.21	1.90	2.66	0.11	1.75				15.87
LA Phosphate	lb											50.0000	0.79	39.50	39.50
LA Potash	lb											50.0000	0.38	19.00	19.00
Lime (Spread)	ton			0.33	Oct							0.3300	51.39	16.96	16.96
Field Cultivate	32'	MFWD 190	0.046	1.00	Oct	1.68	3.09	0.74	3.92	0.04	0.69				10.12
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.75	3.21	0.06	0.19	0.04	0.72				5.93
Ditcher		2WD 130	0.020	1.00	Oct	0.45	0.63	0.07	0.12	0.02	0.30				1.57
App by Air (5 gal)	appl			1.00	Mar							1.0000	8.05	8.05	8.05
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
2,4-D Amine 4	pt											1.0000	2.23	2.23	2.23
Valor WP	oz											2.0000	1.63	3.26	3.26
NT Plant-Rigid	12R-20	MFWD 190	0.098	1.00	May	3.53	6.50	2.75	6.64	0.19	2.92				22.34
Soybean Seed RR	lb											50.0000	1.16	58.00	58.00
Ditcher		2WD 130	0.020	1.00	May	0.45	0.63	0.07	0.12	0.02	0.30				1.57
Spray (Bcast/HB)	40' Fold	MFWD 170	0.042	1.00	May	1.33	2.22	0.46	0.69	0.06	0.94				5.64
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Dual II Magnum	pt											1.0000	10.00	10.00	10.00
App by Air (5 gal)	appl			1.00	Jun							1.0000	8.05	8.05	8.05
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Flexstar HL	pt											1.0000	8.75	8.75	8.75
App by Air (3 gal)	appl			1.00	Jul							1.0000	7.50	7.50	7.50
Brigade EC	pt											0.3750	20.45	7.67	7.67
Quadris	oz											6.0000	1.70	10.20	10.20
App by Air (3 gal)	appl			1.00	Jul							1.0000	7.50	7.50	7.50
Prevathon	oz											8.0000	1.05	8.40	8.40
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Besiege	oz											5.0000	2.91	14.55	14.55
Stratego	pt											0.6250	22.50	14.06	14.06
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Prevathon	oz											8.0000	1.05	8.40	8.40
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Brigade EC	pt											0.3750	20.45	7.67	7.67
Besiege	oz											5.0000	2.91	14.55	14.55
App by Air (5 gal)	appl			1.00	Sep							1.0000	8.05	8.05	8.05
Gramoxone Inteon	oz											16.0000	0.32	5.12	5.12
Surfactant	pt											1.0000	3.30	3.30	3.30
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	7.48	19.66	1.13	2.11	0.08	1.59				31.97
Digital Ag Fee	acre			1.00	Oct							1.0000	10.00	10.00	10.00
Soil Test	acre											0.3300	10.00	3.30	3.30
Haul Soybeans	bu			1.00	Oct							45.0000	0.29	13.05	13.05
TOTALS						20.02	42.15	7.18	16.45	0.59	9.21			350.84	445.85
INTEREST ON OPERATING CAPITAL															11.72
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															457.57

Table 4.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
Soybeans, RR, 12-row equipment, 20-inch rows, non-irrigated,
alluvial soils, Northeast Louisiana, 2025.

			-----BREAKEVEN PRICE-----										
Soybeans			6.00	6.41	6.88	7.43	8.08	8.86	9.81	11.00	12.53	14.58	17.43
PERCENT	YIELD	UNIT	-----dollars-----										
50	22.50	bu	-257	-247	-237	-225	-210	-192	-171	-144	-110	-64	0
			-315	-306	-295	-283	-269	-251	-230	-203	-168	-122	-58
60	27.00	bu	-231	-220	-207	-192	-175	-154	-128	-96	-55	0	77
			-290	-279	-266	-251	-233	-212	-187	-155	-113	-58	18
70	31.50	bu	-205	-192	-178	-160	-140	-115	-85	-48	0	64	154
			-264	-251	-236	-219	-198	-174	-144	-106	-58	5	95
80	36.00	bu	-180	-165	-148	-128	-105	-77	-42	0	55	128	231
			-238	-223	-206	-187	-163	-135	-101	-58	-3	69	172
90	40.50	bu	-154	-137	-118	-96	-70	-38	0	48	110	192	308
			-212	-196	-177	-155	-128	-97	-58	-10	51	134	249
100	45.00	bu	-128	-110	-89	-64	-35	0	42	96	165	257	385
			-187	-168	-147	-122	-93	-58	-15	37	106	198	327
110	49.50	bu	-102	-82	-59	-32	0	38	85	144	220	321	462
			-161	-141	-117	-90	-58	-20	27	86	161	262	404
120	54.00	bu	-77	-55	-29	0	35	77	128	192	275	385	540
			-135	-113	-88	-58	-23	18	69	134	216	327	481
130	58.50	bu	-51	-27	0	32	70	115	171	241	330	450	617
			-110	-86	-58	-26	11	57	112	182	272	391	558
140	63.00	bu	-25	0	29	64	105	154	214	289	385	514	694
			-84	-58	-28	5	46	95	155	230	327	455	635
150	67.50	bu	0	27	59	96	140	192	257	337	440	578	771
			-58	-31	0	37	81	134	198	278	382	520	712

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

Table 4.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre
Soybeans, RR, 12-row equipment, 20-inch rows, non-irrigated,
alluvial soils, Northeast Louisiana, 2025.

			-----BREAKEVEN PRICE-----										
Soybeans			6.87	7.34	7.88	8.52	9.27	10.16	11.26	12.63	14.40	16.75	20.04
PERCENT	YIELD	UNIT	-----dollars-----										
50	22.50	bu	-237	-227	-214	-200	-183	-163	-138	-108	-68	-15	58
			-296	-285	-273	-259	-242	-222	-197	-166	-126	-74	0
60	27.00	bu	-208	-195	-180	-163	-143	-119	-89	-52	-4	58	147
			-266	-253	-239	-222	-201	-177	-148	-111	-63	0	88
70	31.50	bu	-178	-163	-146	-126	-102	-74	-40	3	58	132	236
			-236	-222	-205	-185	-161	-133	-98	-55	0	74	177
80	36.00	bu	-148	-131	-112	-89	-62	-30	9	58	122	206	325
			-207	-190	-170	-148	-121	-88	-49	0	63	148	266
90	40.50	bu	-119	-100	-78	-52	-22	14	58	114	185	280	414
			-177	-158	-136	-111	-80	-44	0	55	126	222	355
100	45.00	bu	-89	-68	-43	-15	18	58	107	169	249	354	502
			-148	-126	-102	-74	-40	0	49	111	190	296	444
110	49.50	bu	-59	-36	-9	21	58	103	157	225	312	428	591
			-118	-95	-68	-37	0	44	98	166	253	370	533
120	54.00	bu	-30	-4	24	58	98	147	206	280	375	502	680
			-88	-63	-34	0	40	88	148	222	317	444	622
130	58.50	bu	0	26	58	95	139	191	256	336	439	576	769
			-59	-31	0	37	80	133	197	277	380	518	710
140	63.00	bu	28	58	92	132	179	236	305	391	502	651	858
			-29	0	34	74	121	177	246	333	444	592	799
150	67.50	bu	58	90	126	169	220	280	354	447	566	725	947
			0	31	68	111	161	222	296	388	507	666	888

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 5.A Estimated costs per Acre
 Soybeans, RR, 12-row equipment, 20-inch rows, irrigated
 alluvial soils, Northeast Louisiana, 2025.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	3.0000	24.15	_____
App by Air (3 gal)	appl	7.50	5.0000	37.50	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.32	16.0000	5.12	_____
FERTILIZERS					
LA Phosphate	lb	0.79	50.0000	39.50	_____
LA Potash	lb	0.38	50.0000	19.00	_____
FUNGICIDES					
Quadris	oz	1.70	6.0000	10.20	_____
Stratego	pt	22.50	0.6250	14.06	_____
HERBICIDES					
Roundup WeatherMax	oz	0.17	66.0000	11.22	_____
2,4-D Amine 4	pt	2.23	1.0000	2.23	_____
Valor WP	oz	1.63	2.0000	3.26	_____
Dual II Magnum	pt	10.00	1.0000	10.00	_____
Flexstar HL	pt	8.75	1.0000	8.75	_____
INSECTICIDES					
Brigade EC	pt	20.45	0.7500	15.34	_____
Prevathon	oz	1.05	16.0000	16.80	_____
Besiege	oz	2.91	10.0000	29.10	_____
Surfactant	pt	3.30	1.0000	3.30	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	_____
SEED/PLANTS					
Soybean Seed RR	lb	1.16	50.0000	58.00	_____
SERVICE FEE					
Digital Ag Fee	acre	10.00	1.0000	10.00	_____
Soil Test	acre	10.00	0.3300	3.30	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	51.39	0.3300	16.96	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.29	55.0000	15.95	_____
OPERATOR LABOR					
Harvesters	hour	18.69	0.0851	1.59	_____
IRRIGATION LABOR					
Implements	hour	14.83	0.0062	0.09	_____
LA Hired Labor					
Implements	hour	14.83	0.1586	2.35	_____
Tractors	hour	14.83	0.6473	9.62	_____
LA Irrigation Labor					
Special Labor	hour	14.83	0.1500	2.22	_____
DIESEL FUEL					
Tractors	gal	2.80	6.2667	17.55	_____
Harvesters	gal	2.80	1.2047	3.37	_____
Roll-Out Pipe Irr.	gal	2.80	4.8877	13.68	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.46	1.0000	7.46	_____
Tractors	Acre	5.36	1.0000	5.36	_____
Harvesters	Acre	4.11	1.0000	4.11	_____
Roll-Out Pipe Irr.	Acre	5.36	1.0000	5.36	_____
INTEREST ON OP. CAP.	Acre	12.99	1.0000	12.99	_____
TOTAL DIRECT EXPENSES				447.41	_____
FIXED EXPENSES					
Implements	Acre	17.84	1.0000	17.84	_____
Tractors	Acre	41.47	1.0000	41.47	_____
Harvesters	Acre	19.66	1.0000	19.66	_____
Roll-Out Pipe Irr.	Acre	68.61	1.0000	68.61	_____
TOTAL FIXED EXPENSES				147.58	_____
TOTAL SPECIFIED EXPENSES				594.99	_____

Table 5.B Estimated resource use and costs for field operations, per Acre
 Soybeans, RR, 12-row equipment, 20-inch rows, irrigated
 alluvial soils, Northeast Louisiana, 2025.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Fert Appl (Liquid)	12R-30	MFWD 225	0.078	1.00	Oct	3.35	6.21	1.90	2.66	0.11	1.75				15.87
LA Phosphate	lb											50.0000	0.79	39.50	39.50
LA Potash	lb											50.0000	0.38	19.00	19.00
Lime (Spread)	ton			0.33	Oct							0.3300	51.39	16.96	16.96
Field Cultivate	32'	MFWD 190	0.046	1.00	Oct	1.68	3.09	0.74	3.92	0.04	0.69				10.12
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.75	3.21	0.06	0.19	0.04	0.72				5.93
Ditcher		2WD 130	0.020	1.00	Oct	0.45	0.63	0.07	0.12	0.02	0.30				1.57
App by Air (5 gal)	appl			1.00	Mar							1.0000	8.05	8.05	8.05
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
2,4-D Amine 4	pt											1.0000	2.23	2.23	2.23
Valor WP	oz											2.0000	1.63	3.26	3.26
NT Plant-Folding	12R-20	MFWD 190	0.098	1.00	May	3.53	6.50	2.85	6.89	0.19	2.92				22.69
Soybean Seed RR	lb											50.0000	1.16	58.00	58.00
Ditcher		2WD 130	0.020	1.00	May	0.45	0.63	0.07	0.12	0.02	0.30				1.57
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	1.33	2.22	0.21	0.31	0.06	0.94				5.01
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Dual II Magnum	pt											1.0000	10.00	10.00	10.00
App by Air (5 gal)	appl			1.00	Jun							1.0000	8.05	8.05	8.05
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Flexstar HL	pt											1.0000	8.75	8.75	8.75
App by Air (3 gal)	appl			1.00	Jul							1.0000	7.50	7.50	7.50
Brigade EC	pt											0.3750	20.45	7.67	7.67
Quadris	oz											6.0000	1.70	10.20	10.20
App by Air (3 gal)	appl			1.00	Jul							1.0000	7.50	7.50	7.50
Prevathon	oz											8.0000	1.05	8.40	8.40
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Besiege	oz											5.0000	2.91	14.55	14.55
Stratego	pt											0.6250	22.50	14.06	14.06
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Brigade EC	pt											0.3750	20.45	7.67	7.67
Besiege	oz											5.0000	2.91	14.55	14.55
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Prevathon	oz											8.0000	1.05	8.40	8.40
App by Air (5 gal)	appl			1.00	Sep							1.0000	8.05	8.05	8.05
Gramoxone Inteon	oz											16.0000	0.32	5.12	5.12
Surfactant	pt											1.0000	3.30	3.30	3.30
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	7.48	19.66	1.13	2.11	0.08	1.59				31.97
Digital Ag Fee	acre			1.00	Oct							1.0000	10.00	10.00	10.00
Soil Test	acre											0.3300	10.00	3.30	3.30
Haul Soybeans	bu			1.00	Oct							55.0000	0.29	15.95	15.95
Roll-Out Pipe Irr.	Acre				Jul	10.37	18.98	19.47	70.13	0.44	6.66	1.0000		7.92	133.53
TOTALS						30.39	61.13	26.50	86.45	1.04	15.87			361.66	582.00
INTEREST ON OPERATING CAPITAL															12.99
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															594.99

Table 5.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
Soybeans, RR, 12-row equipment, 20-inch rows, irrigated
alluvial soils, Northeast Louisiana, 2025.

			-----BREAKEVEN PRICE-----										
Soybeans			5.52	5.89	6.32	6.82	7.42	8.13	9.00	10.09	11.49	13.36	15.97
PERCENT	YIELD	UNIT	-----dollars-----										
50	27.50	bu	-287	-277	-265	-251	-235	-215	-191	-161	-123	-71	0
			-435	-424	-412	-399	-382	-363	-339	-309	-270	-219	-147
60	33.00	bu	-258	-246	-232	-215	-196	-172	-143	-107	-61	0	86
			-406	-394	-379	-363	-343	-320	-291	-255	-209	-147	-61
70	38.50	bu	-229	-215	-199	-179	-156	-129	-95	-53	0	71	172
			-377	-363	-346	-327	-304	-276	-243	-201	-147	-75	24
80	44.00	bu	-201	-184	-165	-143	-117	-86	-47	0	61	143	258
			-348	-332	-313	-291	-265	-233	-195	-147	-85	-3	111
90	49.50	bu	-172	-154	-132	-107	-78	-43	0	53	123	215	344
			-320	-301	-280	-255	-225	-190	-147	-93	-24	68	197
100	55.00	bu	-143	-123	-99	-71	-39	0	47	107	184	287	431
			-291	-270	-247	-219	-186	-147	-99	-39	37	139	283
110	60.50	bu	-114	-92	-66	-35	0	43	95	161	246	359	517
			-262	-239	-213	-183	-147	-104	-51	14	98	211	369
120	66.00	bu	-86	-61	-33	0	39	86	143	215	308	431	603
			-233	-209	-180	-147	-108	-61	-3	68	160	283	456
130	71.50	bu	-57	-30	0	35	78	129	191	269	369	503	689
			-205	-178	-147	-111	-69	-18	44	121	222	355	542
140	77.00	bu	-28	0	33	71	117	172	239	323	431	574	776
			-176	-147	-114	-75	-29	24	91	175	283	427	628
150	82.50	bu	0	30	66	107	156	215	287	377	492	646	862
			-147	-116	-81	-39	9	68	139	229	345	499	714

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 5.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre
Soybeans, RR, 12-row equipment, 20-inch rows, irrigated
alluvial soils, Northeast Louisiana, 2025.

			-----BREAKEVEN PRICE-----										
Soybeans			7.31	7.81	8.38	9.06	9.86	10.81	11.98	13.44	15.32	17.83	21.34
PERCENT	YIELD	UNIT	-----dollars-----										
50	27.50	bu	-238	-224	-208	-190	-168	-141	-109	-69	-17	51	147
			-385	-372	-356	-337	-315	-289	-257	-217	-165	-96	0
60	33.00	bu	-199	-183	-164	-141	-115	-83	-45	2	64	147	263
			-347	-330	-311	-289	-263	-231	-192	-144	-82	0	115
70	38.50	bu	-161	-141	-119	-93	-62	-26	18	75	147	244	379
			-308	-289	-267	-241	-210	-173	-128	-72	0	96	231
80	44.00	bu	-122	-100	-75	-45	-10	31	83	147	230	340	494
			-270	-248	-222	-192	-157	-115	-64	0	82	192	347
90	49.50	bu	-83	-59	-30	2	42	89	147	219	312	436	610
			-231	-206	-178	-144	-105	-57	0	72	165	289	463
100	55.00	bu	-45	-17	14	51	94	147	211	292	395	533	726
			-192	-165	-133	-96	-52	0	64	144	248	385	578
110	60.50	bu	-6	23	58	99	147	205	276	364	478	629	842
			-154	-124	-89	-48	0	57	128	217	330	482	694
120	66.00	bu	31	64	103	147	200	263	340	436	561	726	957
			-115	-82	-44	0	52	115	192	289	413	578	810
130	71.50	bu	70	106	147	195	252	321	404	509	643	822	1073
			-77	-41	0	48	105	173	257	361	496	675	926
140	77.00	bu	108	147	192	244	305	379	469	581	726	919	1189
			-38	0	44	96	157	231	321	434	578	771	1041
150	82.50	bu	147	188	236	292	358	436	533	654	809	1015	1305
			0	41	89	144	210	289	385	506	661	868	1157

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.A Estimated costs and returns per acre,
Soybeans, RR, drill planted, conventional tillage, in rotation,
Southwest Louisiana, 2025.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	3.0000	24.15	_____
LA Rice GPS Charge-SW	acre	0.35	3.0000	1.05	_____
App by Air (3 gal)	appl	7.50	4.0000	30.00	_____
HARVEST AIDS					
Gramoxone Max	pt	5.28	1.0000	5.28	_____
FERTILIZERS					
LA Phosphate	lb	0.79	50.0000	39.50	_____
LA Potash	lb	0.38	50.0000	19.00	_____
FUNGICIDES					
Quadris	oz	1.70	6.0000	10.20	_____
Stratego	pt	22.50	0.6250	14.06	_____
HERBICIDES					
Roundup Ultra MAX	pt	5.97	3.5000	20.90	_____
Classic	oz	20.19	0.2500	5.05	_____
INSECTICIDES					
Dimilin 2L	oz	2.45	2.0000	4.90	_____
Besiege	oz	2.91	10.0000	29.10	_____
Prevathon	oz	1.05	16.0000	16.80	_____
Methyl Parathion	pt	5.79	1.0000	5.79	_____
SEED/PLANTS					
Soybean Seed RR	lb	1.16	75.0000	87.00	_____
SERVICE FEE					
Digital Ag Fee	acre	10.00	1.0000	10.00	_____
Soil Test	acre	10.00	0.3300	3.30	_____
ADJUVANTS					
Surfactant	pt	3.30	0.5000	1.65	_____
CUSTOM FERT/LIME					
Custom Spread (Truc	appl	5.00	1.0000	5.00	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.29	35.0000	10.15	_____
HAND LABOR					
Implements	hour	14.83	0.0942	1.40	_____
LA OPERATOR LABOR					
Self-Propelled	hour	18.69	0.2310	4.32	_____
LA Hired Labor					
Tractors	hour	14.83	0.3772	5.60	_____
LA Other Labor					
Special Labor	hour	14.83	0.1250	1.85	_____
DIESEL FUEL					
Tractors	gal	2.80	3.3869	9.48	_____
Self-Propelled	gal	2.80	1.4915	4.18	_____
REPAIR & MAINTENANCE					
Implements	acre	5.88	1.0000	5.88	_____
Tractors	acre	2.39	1.0000	2.39	_____
Self-Propelled	acre	9.24	1.0000	9.24	_____
INTEREST ON OP. CAP.	acre	13.24	1.0000	13.24	_____
TOTAL DIRECT EXPENSES				400.46	_____
FIXED EXPENSES					
Implements	acre	16.75	1.0000	16.75	_____
Tractors	acre	18.16	1.0000	18.16	_____
Self-Propelled	acre	16.83	1.0000	16.83	_____
TOTAL FIXED EXPENSES				51.74	_____
TOTAL SPECIFIED EXPENSES				452.20	_____

Table 6.B Estimated resource use and costs for field operations, per acre,
Soybeans, RR, drill planted, conventional tillage, in rotation,
Southwest Louisiana, 2025.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Disk Harrow	32'	Track 300	0.061	1.00	Nov	3.28	4.88	1.52	4.03	0.06	0.91				14.62
LARice Land Level	13 ft	MFWD 150	0.190	0.20	Nov	1.03	1.60	0.03	0.17	0.03	0.56				3.39
Ditcher		MFWD 150	0.020	1.00	Nov	0.54	0.84	0.07	0.12	0.02	0.30				1.87
Disk Harrow	32'	MFWD 150	0.061	1.00	Mar	1.67	2.58	1.52	4.03	0.06	0.91				10.71
Custom Spread(Truc	appl			1.00	Mar							1.0000	5.00	5.00	5.00
LA Phosphate	lb											50.0000	0.79	39.50	39.50
LA Potash	lb											50.0000	0.38	19.00	19.00
Field Cultivate	24'	MFWD 150	0.062	1.00	Mar	1.70	2.62	0.65	3.46	0.06	0.92				9.35
Ditcher		MFWD 150	0.020	1.00	Apr	0.54	0.84	0.07	0.12	0.02	0.30				1.87
Grain Drill	20'	MFWD 150	0.094	1.00	May	2.57	3.96	1.95	4.70	0.18	2.80				15.98
LA Other Labor	hour														1.85
Soybean Seed RR	lb											75.0000	1.16	87.00	87.00
Ditcher		MFWD 150	0.020	1.00	May	0.54	0.84	0.07	0.12	0.02	0.30				1.87
App by Air (5 gal)	appl			1.00	May							1.0000	8.05	8.05	8.05
Roundup Ultra MAX	pt											2.0000	5.97	11.94	11.94
Classic	oz											0.2500	20.19	5.05	5.05
Surfactant	pt											0.2000	3.30	0.66	0.66
LARice GPS Charge-SW	acre											1.0000	0.35	0.35	0.35
App by Air (5 gal)	appl			1.00	Jun							1.0000	8.05	8.05	8.05
Roundup Ultra MAX	pt											1.5000	5.97	8.96	8.96
LARice GPS Charge-SW	acre											1.0000	0.35	0.35	0.35
App by Air (3 gal)	appl			1.00	Jul							1.0000	7.50	7.50	7.50
Dimilin 2L	oz											2.0000	2.45	4.90	4.90
Quadris	oz											6.0000	1.70	10.20	10.20
Besiege	oz											5.0000	2.91	14.55	14.55
App by Air (3 gal)	appl			1.00	Jul							1.0000	7.50	7.50	7.50
Prevathon	oz											8.0000	1.05	8.40	8.40
App by Air (5 gal)	appl			1.00	Aug							1.0000	8.05	8.05	8.05
Methyl Parathion	pt											1.0000	5.79	5.79	5.79
LARice GPS Charge-SW	acre											1.0000	0.35	0.35	0.35
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Prevathon	oz											8.0000	1.05	8.40	8.40
App by Air (3 gal)	appl			1.00	Sep							1.0000	7.50	7.50	7.50
Stratego	pt											0.6250	22.50	14.06	14.06
Besiege	oz											5.0000	2.91	14.55	14.55
App by Air (5 gal)	appl			1.00	Sep									8.05	
Gramoxone Max	pt											1.0000	5.28	5.28	5.28
Surfactant	pt											0.3000	3.30	0.99	0.99
LARice Combine Med	20 ft		0.210	1.00	Oct	13.42	16.83			0.23	4.32				34.57
Haul Soybeans	bu			1.00	Oct							35.0000	0.29	10.15	10.15
Digital Ag Fee	acre			1.00	Oct							1.0000	10.00	10.00	10.00
Soil Test	acre											0.3300	10.00	3.30	3.30
TOTALS						25.29	34.99	5.88	16.75	0.82	13.17			342.88	438.96
INTEREST ON OPERATING CAPITAL															13.24
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															452.20

Table 6.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
Soybeans, RR, drill planted, conventional tillage, in rotation,
Southwest Louisiana, 2025.

			-----BREAKEVEN PRICE-----										
LA Soybeans			7.72	8.25	8.86	9.58	10.42	11.44	12.68	14.22	16.22	18.87	22.59
PERCENT	YIELD	UNIT	-----dollars-----										
50	17.50	bu	-260	-250	-240	-227	-212	-195	-173	-146	-111	-65	0
			-311	-302	-291	-279	-264	-246	-225	-198	-163	-116	-51
60	21.00	bu	-234	-222	-210	-195	-177	-156	-130	-97	-55	0	78
			-285	-274	-261	-246	-229	-207	-181	-149	-107	-51	26
70	24.50	bu	-208	-195	-180	-162	-141	-117	-86	-48	0	65	156
			-259	-246	-231	-214	-193	-168	-138	-100	-51	13	104
80	28.00	bu	-182	-167	-150	-130	-106	-78	-43	0	55	130	234
			-233	-218	-201	-181	-158	-129	-95	-51	4	78	182
90	31.50	bu	-156	-139	-120	-97	-70	-39	0	48	111	195	312
			-207	-191	-171	-149	-122	-90	-51	-2	59	143	260
100	35.00	bu	-130	-111	-90	-65	-35	0	43	97	167	260	390
			-181	-163	-141	-116	-87	-51	-8	45	115	208	338
110	38.50	bu	-104	-83	-60	-32	0	39	86	146	222	325	468
			-155	-135	-111	-84	-51	-12	34	94	171	273	416
120	42.00	bu	-78	-55	-30	0	35	78	130	195	278	390	546
			-129	-107	-81	-51	-16	26	78	143	227	338	494
130	45.50	bu	-52	-27	0	32	70	117	173	243	334	455	624
			-103	-79	-51	-19	19	65	121	192	282	403	572
140	49.00	bu	-26	0	30	65	106	156	216	292	390	520	702
			-77	-51	-21	13	54	104	165	240	338	468	650
150	52.50	bu	0	27	60	97	141	195	260	341	445	585	780
			-51	-23	8	45	90	143	208	289	394	533	728

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
Soybeans, RR, drill planted, conventional tillage, in rotation,
Southwest Louisiana, 2025.

			-----BREAKEVEN PRICE-----										
LA Soybeans			8.71	9.31	10.00	10.81	11.77	12.92	14.32	16.07	18.33	21.33	25.54
PERCENT	YIELD	UNIT	-----dollars-----										
50	17.50	bu	-242	-232	-220	-206	-189	-169	-144	-114	-74	-21	51
			-294	-284	-271	-257	-241	-220	-196	-165	-126	-73	0
60	21.00	bu	-213	-200	-186	-169	-149	-125	-95	-58	-11	51	140
			-265	-252	-237	-220	-200	-176	-147	-110	-63	0	88
70	24.50	bu	-183	-169	-152	-132	-108	-80	-46	-3	51	125	228
			-235	-220	-203	-184	-160	-132	-98	-55	0	73	176
80	28.00	bu	-154	-137	-118	-95	-68	-36	2	51	114	199	316
			-206	-189	-169	-147	-120	-88	-49	0	63	147	265
90	31.50	bu	-125	-106	-84	-58	-28	7	51	106	178	272	405
			-176	-157	-135	-110	-80	-44	0	55	126	220	353
100	35.00	bu	-95	-74	-50	-21	11	51	100	162	241	346	493
			-147	-126	-101	-73	-40	0	49	110	189	294	441
110	38.50	bu	-66	-42	-16	14	51	95	149	217	304	420	582
			-117	-94	-67	-36	0	44	98	165	252	368	530
120	42.00	bu	-36	-11	17	51	91	140	199	272	367	493	670
			-88	-63	-33	0	40	88	147	220	315	441	618
130	45.50	bu	-7	20	51	88	132	184	248	327	430	567	758
			-58	-31	0	36	80	132	196	276	378	515	707
140	49.00	bu	22	51	85	125	172	228	297	383	493	641	847
			-29	0	33	73	120	176	245	331	441	589	795
150	52.50	bu	51	83	119	162	212	272	346	438	556	714	935
			0	31	67	110	160	220	294	386	505	662	883

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
 Soybeans, RR, 12-row equipment, stale seedbed, non-irrigated,
 alluvial soils, Northeast Louisiana, 2025.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	3.0000	24.15	_____
App by Air (3 gal)	appl	7.50	5.0000	37.50	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.32	16.0000	5.12	_____
FERTILIZERS					
LA Phosphate	lb	0.79	50.0000	39.50	_____
LA Potash	lb	0.38	50.0000	19.00	_____
FUNGICIDES					
Quadris	oz	1.70	6.0000	10.20	_____
Stratego	pt	22.50	0.6250	14.06	_____
HERBICIDES					
Roundup WeatherMax	oz	0.17	66.0000	11.22	_____
2,4-D Amine 4	pt	2.23	1.0000	2.23	_____
Valor WP	oz	1.63	2.0000	3.26	_____
Dual II Magnum	pt	10.00	1.0000	10.00	_____
Flexstar HL	pt	8.75	1.0000	8.75	_____
INSECTICIDES					
Brigade EC	pt	20.45	0.7500	15.34	_____
Prevathon	oz	1.05	16.0000	16.80	_____
Besiege	oz	2.91	10.0000	29.10	_____
Surfactant	pt	3.30	1.0000	3.30	_____
SEED/PLANTS					
Soybean Seed RR	lb	1.16	50.0000	58.00	_____
SERVICE FEE					
Digital Ag Fee	acre	10.00	1.0000	10.00	_____
Soil Test	acre	10.00	0.3300	3.30	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	51.39	0.3300	16.96	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.29	45.0000	13.05	_____
OPERATOR LABOR					
Harvesters	hour	18.69	0.0851	1.59	_____
LA Hired Labor					
Implements	hour	14.83	0.0966	1.43	_____
Tractors	hour	14.83	0.3516	5.23	_____
DIESEL FUEL					
Tractors	gal	2.80	3.5802	10.02	_____
Harvesters	gal	2.80	1.2047	3.37	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.36	1.0000	7.36	_____
Tractors	Acre	3.04	1.0000	3.04	_____
Harvesters	Acre	4.11	1.0000	4.11	_____
INTEREST ON OP. CAP.	Acre	11.58	1.0000	11.58	_____

TOTAL DIRECT EXPENSES				398.57	_____
FIXED EXPENSES					
Implements	Acre	17.42	1.0000	17.42	_____
Tractors	Acre	23.51	1.0000	23.51	_____
Harvesters	Acre	19.66	1.0000	19.66	_____

TOTAL FIXED EXPENSES				60.59	_____

TOTAL SPECIFIED EXPENSES				459.16	_____

Table 7.B Estimated resource use and costs for field operations, per Acre
 Soybeans, RR, 12-row equipment, stale seedbed, non-irrigated,
 alluvial soils, Northeast Louisiana, 2025.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	1.00	Oct	2.21	4.09	1.07	1.50	0.07	1.15				10.02
LA Phosphate	lb											50.0000	0.79	39.50	39.50
LA Potash	lb											50.0000	0.38	19.00	19.00
Lime (Spread)	ton			0.33	Oct							0.3300	51.39	16.96	16.96
Disk Harrow	28'	MFWD 225	0.070	1.00	Oct	2.99	5.54	1.48	3.93	0.07	1.04				14.98
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.75	3.21	0.06	0.19	0.04	0.72				5.93
Disk Bed (Hipper)	12R-38	MFWD 225	0.049	1.00	Oct	2.10	3.90	1.41	4.65	0.04	0.73				12.79
Ditcher		2WD 130	0.020	1.00	Oct	0.45	0.63	0.07	0.12	0.02	0.30				1.57
App by Air (5 gal)	appl			1.00	Mar							1.0000	8.05	8.05	8.05
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
2,4-D Amine 4	pt											1.0000	2.23	2.23	2.23
Valor WP	oz											2.0000	1.63	3.26	3.26
Plant - Folding	12R-38	MFWD 190	0.049	1.00	May	1.78	3.29	1.86	4.49	0.09	1.48				12.90
Soybean Seed RR	lb											50.0000	1.16	58.00	58.00
Ditcher		2WD 130	0.020	1.00	May	0.45	0.63	0.07	0.12	0.02	0.30				1.57
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	1.33	2.22	0.21	0.31	0.06	0.94				5.01
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Dual II Magnum	pt											1.0000	10.00	10.00	10.00
App by Air (5 gal)	appl			1.00	Jun							1.0000	8.05	8.05	8.05
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Flexstar HL	pt											1.0000	8.75	8.75	8.75
App by Air (3 gal)	appl			1.00	Jul							1.0000	7.50	7.50	7.50
Brigade EC	pt											0.3750	20.45	7.67	7.67
Quadris	oz											6.0000	1.70	10.20	10.20
App by Air (3 gal)	appl			1.00	Jul							1.0000	7.50	7.50	7.50
Prevathon	oz											8.0000	1.05	8.40	8.40
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Besiege	oz											5.0000	2.91	14.55	14.55
Stratego	pt											0.6250	22.50	14.06	14.06
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Prevathon	oz											8.0000	1.05	8.40	8.40
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Brigade EC	pt											0.3750	20.45	7.67	7.67
Besiege	oz											5.0000	2.91	14.55	14.55
App by Air (5 gal)	appl			1.00	Sep							1.0000	8.05	8.05	8.05
Gramoxone Inteon	oz											16.0000	0.32	5.12	5.12
Surfactant	pt											1.0000	3.30	3.30	3.30
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	7.48	19.66	1.13	2.11	0.08	1.59				31.97
Digital Ag Fee	acre			1.00	Oct							1.0000	10.00	10.00	10.00
Soil Test	acre											0.3300	10.00	3.30	3.30
Haul Soybeans	bu			1.00	Oct							45.0000	0.29	13.05	13.05
TOTALS						20.54	43.17	7.36	17.42	0.53	8.25			350.84	447.58
INTEREST ON OPERATING CAPITAL															11.58
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															459.16

Table 7.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
Soybeans, RR, 12-row equipment, stale seedbed, non-irrigated,
alluvial soils, Northeast Louisiana, 2025.

			-----BREAKEVEN PRICE-----										
Soybeans			6.00	6.41	6.88	7.42	8.07	8.85	9.80	10.99	12.52	14.56	17.42
PERCENT	YIELD	UNIT	-----dollars-----										
50	22.50	bu	-256	-247	-237	-224	-210	-192	-171	-144	-110	-64	0
			-317	-308	-297	-285	-270	-253	-231	-205	-170	-124	-60
60	27.00	bu	-231	-220	-207	-192	-175	-154	-128	-96	-55	0	77
			-291	-280	-268	-253	-235	-214	-189	-156	-115	-60	16
70	31.50	bu	-205	-192	-177	-160	-140	-115	-85	-48	0	64	154
			-266	-253	-238	-221	-200	-176	-146	-108	-60	3	93
80	36.00	bu	-179	-165	-148	-128	-105	-77	-42	0	55	128	231
			-240	-225	-208	-189	-165	-137	-103	-60	-5	67	170
90	40.50	bu	-154	-137	-118	-96	-70	-38	0	48	110	192	308
			-214	-198	-179	-156	-130	-99	-60	-12	49	132	247
100	45.00	bu	-128	-110	-88	-64	-35	0	42	96	165	256	385
			-189	-170	-149	-124	-95	-60	-17	35	104	196	324
110	49.50	bu	-102	-82	-59	-32	0	38	85	144	220	321	462
			-163	-143	-119	-92	-60	-22	25	83	159	260	401
120	54.00	bu	-77	-55	-29	0	35	77	128	192	275	385	539
			-137	-115	-90	-60	-25	16	67	132	214	324	478
130	58.50	bu	-51	-27	0	32	70	115	171	240	330	449	616
			-111	-88	-60	-28	9	55	110	180	269	388	555
140	63.00	bu	-25	0	29	64	105	154	214	289	385	513	693
			-86	-60	-30	3	44	93	153	228	324	453	633
150	67.50	bu	0	27	59	96	140	192	256	337	440	578	770
			-60	-33	-1	35	79	132	196	276	379	517	710

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
Soybeans, RR, 12-row equipment, stale seedbed, non-irrigated,
alluvial soils, Northeast Louisiana, 2025.

			-----BREAKEVEN PRICE-----										
Soybeans			6.90	7.37	7.91	8.55	9.30	10.20	11.30	12.68	14.45	16.80	20.11
PERCENT	YIELD	UNIT	-----dollars-----										
50	22.50	bu	-236	-226	-213	-199	-182	-162	-137	-106	-66	-13	60
			-297	-286	-274	-260	-243	-222	-198	-167	-127	-74	0
60	27.00	bu	-206	-194	-179	-162	-142	-117	-88	-50	-3	60	149
			-267	-254	-240	-222	-202	-178	-148	-111	-63	0	89
70	31.50	bu	-177	-162	-145	-125	-101	-73	-38	4	60	134	238
			-237	-222	-205	-185	-162	-133	-99	-55	0	74	178
80	36.00	bu	-147	-130	-110	-88	-61	-28	11	60	124	209	328
			-208	-191	-171	-148	-121	-89	-49	0	63	148	267
90	40.50	bu	-117	-98	-76	-50	-20	15	60	116	187	283	417
			-178	-159	-137	-111	-81	-44	0	55	127	222	356
100	45.00	bu	-88	-66	-42	-13	20	60	110	172	251	357	506
			-148	-127	-102	-74	-40	0	49	111	191	297	445
110	49.50	bu	-58	-34	-8	23	60	105	159	227	315	432	595
			-118	-95	-68	-37	0	44	99	167	254	371	535
120	54.00	bu	-28	-3	26	60	101	149	209	283	379	506	684
			-89	-63	-34	0	40	89	148	222	318	445	624
130	58.50	bu	1	28	60	97	141	194	258	339	442	580	774
			-59	-31	0	37	81	133	198	278	382	520	713
140	63.00	bu	30	60	94	134	182	238	308	395	506	655	863
			-29	0	34	74	121	178	247	334	445	594	802
150	67.50	bu	60	92	129	172	222	283	357	450	570	729	952
			0	31	68	111	162	222	297	390	509	668	891

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
 Soybeans, RR, 12-row equipment, stale seedbed, irrigated,
 alluvial soils, Northeast Louisiana, 2025.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	2.0000	16.10	_____
App by Air (3 gal)	appl	7.50	6.0000	45.00	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.32	16.0000	5.12	_____
FERTILIZERS					
LA Phosphate	lb	0.79	50.0000	39.50	_____
LA Potash	lb	0.38	50.0000	19.00	_____
FUNGICIDES					
Quadris	oz	1.70	6.0000	10.20	_____
Stratego	pt	22.50	0.6250	14.06	_____
HERBICIDES					
Roundup WeatherMax	oz	0.17	66.0000	11.22	_____
2,4-D Amine 4	pt	2.23	1.0000	2.23	_____
Valor WP	oz	1.63	2.0000	3.26	_____
Dual II Magnum	pt	10.00	1.0000	10.00	_____
Flexstar HL	pt	8.75	1.0000	8.75	_____
INSECTICIDES					
Brigade EC	pt	20.45	0.7500	15.34	_____
Prevathon	oz	1.05	16.0000	16.80	_____
Besiege	oz	2.91	10.0000	29.10	_____
Surfactant	pt	3.30	1.0000	3.30	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	_____
SEED/PLANTS					
Soybean Seed RR	lb	1.16	50.0000	58.00	_____
SERVICE FEE					
Digital Ag Fee	acre	10.00	1.0000	10.00	_____
Soil Test	acre	10.00	0.3300	3.30	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	51.39	0.3300	16.96	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.29	55.0000	15.95	_____
OPERATOR LABOR					
Harvesters	hour	18.69	0.0851	1.59	_____
IRRIGATION LABOR					
Implements	hour	14.83	0.0062	0.09	_____
LA Hired Labor					
Implements	hour	14.83	0.0966	1.43	_____
Tractors	hour	14.83	0.6447	9.58	_____
LA Irrigation Labor					
Special Labor	hour	14.83	0.1500	2.22	_____
DIESEL FUEL					
Tractors	gal	2.80	6.4077	17.94	_____
Harvesters	gal	2.80	1.2047	3.37	_____
Roll-Out Pipe Irr.	gal	2.80	4.8877	13.68	_____
REPAIR & MAINTENANCE					
Implements	Acre	7.79	1.0000	7.79	_____
Tractors	Acre	5.49	1.0000	5.49	_____
Harvesters	Acre	4.11	1.0000	4.11	_____
Roll-Out Pipe Irr.	Acre	5.36	1.0000	5.36	_____
INTEREST ON OP. CAP.	Acre	12.83	1.0000	12.83	_____

TOTAL DIRECT EXPENSES				446.59	_____
FIXED EXPENSES					
Implements	Acre	18.94	1.0000	18.94	_____
Tractors	Acre	42.49	1.0000	42.49	_____
Harvesters	Acre	19.66	1.0000	19.66	_____
Roll-Out Pipe Irr.	Acre	68.61	1.0000	68.61	_____

TOTAL FIXED EXPENSES				149.70	_____

TOTAL SPECIFIED EXPENSES				596.29	_____

Table 8.B Estimated resource use and costs for field operations, per Acre
 Soybeans, RR, 12-row equipment, stale seedbed, irrigated,
 alluvial soils, Northeast Louisiana, 2025.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Lime (Spread)	ton			0.33	Oct							0.3300	51.39	16.96	16.96
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	1.00	Oct	2.21	4.09	1.07	1.50	0.07	1.15				10.02
LA Phosphate	lb											50.0000	0.79	39.50	39.50
LA Potash	lb											50.0000	0.38	19.00	19.00
Disk Harrow	28'	MFWD 225	0.070	1.00	Oct	2.99	5.54	1.48	3.93	0.07	1.04				14.98
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.75	3.21	0.06	0.19	0.04	0.72				5.93
Disk Bed (Hipper)	12R-38	MFWD 225	0.049	1.00	Oct	2.10	3.90	1.41	4.65	0.04	0.73				12.79
Ditcher		2WD 130	0.020	1.00	Oct	0.45	0.63	0.07	0.12	0.02	0.30				1.57
App by Air (5 gal)	appl			1.00	Mar							1.0000	8.05	8.05	8.05
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
2,4-D Amine 4	pt											1.0000	2.23	2.23	2.23
Valor WP	oz											2.0000	1.63	3.26	3.26
Plant - Folding	12R-38	MFWD 190	0.049	1.00	May	1.78	3.29	1.86	4.49	0.09	1.48				12.90
Soybean Seed RR	lb											50.0000	1.16	58.00	58.00
Ditcher		2WD 130	0.020	1.00	May	0.45	0.63	0.07	0.12	0.02	0.30				1.57
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	1.33	2.22	0.21	0.31	0.06	0.94				5.01
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Dual II Magnum	pt											1.0000	10.00	10.00	10.00
App by Air (5 gal)	appl			1.00	Jun							1.0000	8.05	8.05	8.05
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Flexstar HL	pt											1.0000	8.75	8.75	8.75
App by Air (3 gal)	appl			1.00	Jul							1.0000	7.50	7.50	7.50
Brigade EC	pt											0.3750	20.45	7.67	7.67
Quadris	oz											6.0000	1.70	10.20	10.20
App by Air (3 gal)	appl			1.00	Jul							1.0000	7.50	7.50	7.50
Prevathon	oz											8.0000	1.05	8.40	8.40
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Besiege	oz											5.0000	2.91	14.55	14.55
Stratego	pt											0.6250	22.50	14.06	14.06
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Prevathon	oz											8.0000	1.05	8.40	8.40
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Brigade EC	pt											0.3750	20.45	7.67	7.67
Besiege	oz											5.0000	2.91	14.55	14.55
App by Air (3 gal)	appl			1.00	Sep							1.0000	7.50	7.50	7.50
Gramoxone Inteon	oz											16.0000	0.32	5.12	5.12
Surfactant	pt											1.0000	3.30	3.30	3.30
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	7.48	19.66	1.13	2.11	0.08	1.59				31.97
Digital Ag Fee	acre			1.00	Oct							1.0000	10.00	10.00	10.00
Soil Test	acre											0.3300	10.00	3.30	3.30
Haul Soybeans	bu			1.00	Oct							55.0000	0.29	15.95	15.95
Roll-Out Pipe Irr.	Acres				Jul	10.37	18.98	19.47	70.13	0.44	6.66	1.0000		7.92	133.53
TOTALS						30.91	62.15	26.83	87.55	0.98	14.91			361.11	583.46
INTEREST ON OPERATING CAPITAL															12.83
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															596.29

Table 8.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
Soybeans, RR, 12-row equipment, stale seedbed, irrigated,
alluvial soils, Northeast Louisiana, 2025.

			-----BREAKEVEN PRICE-----										
Soybeans			5.51	5.88	6.31	6.81	7.40	8.11	8.98	10.07	11.47	13.33	15.94
PERCENT	YIELD	UNIT	-----dollars-----										
50	27.50	bu	-286	-276	-264	-251	-234	-215	-191	-161	-122	-71	0
			-436	-426	-414	-400	-384	-364	-340	-311	-272	-221	-149
60	33.00	bu	-258	-245	-231	-215	-195	-172	-143	-107	-61	0	86
			-407	-395	-381	-364	-345	-321	-293	-257	-211	-149	-63
70	38.50	bu	-229	-215	-198	-179	-156	-129	-95	-53	0	71	172
			-379	-364	-348	-329	-306	-278	-245	-203	-149	-77	22
80	44.00	bu	-200	-184	-165	-143	-117	-86	-47	0	61	143	258
			-350	-334	-315	-293	-267	-235	-197	-149	-88	-6	108
90	49.50	bu	-172	-153	-132	-107	-78	-43	0	53	122	215	344
			-321	-303	-282	-257	-227	-192	-149	-95	-26	65	194
100	55.00	bu	-143	-122	-99	-71	-39	0	47	107	184	286	430
			-293	-272	-249	-221	-188	-149	-101	-42	34	137	280
110	60.50	bu	-114	-92	-66	-35	0	43	95	161	245	358	516
			-264	-241	-215	-185	-149	-106	-54	11	96	208	366
120	66.00	bu	-86	-61	-33	0	39	86	143	215	307	430	602
			-235	-211	-182	-149	-110	-63	-6	65	157	280	452
130	71.50	bu	-57	-30	0	35	78	129	191	269	368	502	688
			-207	-180	-149	-113	-71	-20	41	119	219	352	538
140	77.00	bu	-28	0	33	71	117	172	239	322	430	573	774
			-178	-149	-116	-77	-32	22	89	173	280	424	625
150	82.50	bu	0	30	66	107	156	215	286	376	491	645	860
			-149	-118	-83	-42	6	65	137	226	342	495	711

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
Soybeans, RR, 12-row equipment, stale seedbed, irrigated,
alluvial soils, Northeast Louisiana, 2025.

			-----BREAKEVEN PRICE-----										
Soybeans			7.32	7.82	8.40	9.08	9.88	10.84	12.01	13.47	15.36	17.87	21.38
PERCENT	YIELD	UNIT	-----dollars-----										
50	27.50	bu	-237	-223	-207	-188	-166	-140	-108	-67	-16	53	149
			-386	-372	-356	-338	-316	-290	-257	-217	-165	-96	0
60	33.00	bu	-198	-181	-162	-140	-113	-82	-43	4	66	149	265
			-348	-331	-312	-290	-263	-232	-193	-145	-82	0	116
70	38.50	bu	-159	-140	-118	-92	-61	-24	20	77	149	246	381
			-309	-290	-267	-241	-210	-174	-128	-72	0	96	232
80	44.00	bu	-121	-98	-73	-43	-8	33	85	149	232	343	497
			-270	-248	-223	-193	-158	-116	-64	0	82	193	348
90	49.50	bu	-82	-57	-28	4	44	91	149	222	315	439	613
			-232	-207	-178	-145	-105	-58	0	72	165	290	464
100	55.00	bu	-43	-16	15	53	96	149	214	294	398	536	729
			-193	-165	-133	-96	-52	0	64	145	248	386	580
110	60.50	bu	-4	25	60	101	149	207	278	367	481	633	845
			-154	-124	-89	-48	0	58	128	217	331	483	696
120	66.00	bu	33	66	105	149	202	265	343	439	564	729	961
			-116	-82	-44	0	52	116	193	290	414	580	812
130	71.50	bu	72	108	149	198	255	323	407	512	646	826	1077
			-77	-41	0	48	105	174	257	362	497	676	928
140	77.00	bu	111	149	194	246	307	381	471	584	729	923	1193
			-38	0	44	96	158	232	322	435	580	773	1044
150	82.50	bu	149	191	238	294	360	439	536	657	812	1019	1309
			0	41	89	145	210	290	386	507	662	870	1160

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

Table 9.A Estimated costs per Acre
 Soybeans, RR, 12-row equipment, stale seedbed,
 irrigated, Macon Ridge, Northeast Louisiana, 2025.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	2.0000	16.10	_____
App by Air (3 gal)	appl	7.50	6.0000	45.00	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.32	16.0000	5.12	_____
FERTILIZERS					
LA Phosphate	lb	0.79	50.0000	39.50	_____
LA Potash	lb	0.38	50.0000	19.00	_____
FUNGICIDES					
Quadris	oz	1.70	6.0000	10.20	_____
Stratego	pt	22.50	0.6250	14.06	_____
HERBICIDES					
Roundup WeatherMax	oz	0.17	66.0000	11.22	_____
2,4-D Amine 4	pt	2.23	1.0000	2.23	_____
Valor WP	oz	1.63	2.0000	3.26	_____
Dual II Magnum	pt	10.00	1.0000	10.00	_____
Flexstar HL	pt	8.75	1.0000	8.75	_____
INSECTICIDES					
Brigade EC	pt	20.45	0.7500	15.34	_____
Prevathon	oz	1.05	16.0000	16.80	_____
Besiege	oz	2.91	10.0000	29.10	_____
Surfactant	pt	3.30	1.0000	3.30	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	_____
SEED/PLANTS					
Soybean Seed RR	lb	1.16	50.0000	58.00	_____
SERVICE FEE					
Digital Ag Fee	acre	10.00	1.0000	10.00	_____
Soil Test	acre	10.00	0.3300	3.30	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.29	50.0000	14.50	_____
OPERATOR LABOR					
Harvesters	hour	18.69	0.0851	1.59	_____
IRRIGATION LABOR					
Implements	hour	14.83	0.0062	0.09	_____
LA Hired Labor					
Implements	hour	14.83	0.0966	1.43	_____
Tractors	hour	14.83	0.6447	9.58	_____
LA Irrigation Labor					
Special Labor	hour	14.83	0.1500	2.22	_____
DIESEL FUEL					
Tractors	gal	2.80	6.4077	17.94	_____
Harvesters	gal	2.80	1.2047	3.37	_____
Roll-Out Pipe Irr.	gal	2.80	4.8877	13.68	_____
REPAIR & MAINTENANCE					
Implements	Acre	8.04	1.0000	8.04	_____
Tractors	Acre	5.49	1.0000	5.49	_____
Harvesters	Acre	4.11	1.0000	4.11	_____
Roll-Out Pipe Irr.	Acre	5.36	1.0000	5.36	_____
INTEREST ON OP. CAP.	Acre	12.59	1.0000	12.59	_____
TOTAL DIRECT EXPENSES				428.19	_____
FIXED EXPENSES					
Implements	Acre	19.32	1.0000	19.32	_____
Tractors	Acre	42.49	1.0000	42.49	_____
Harvesters	Acre	19.66	1.0000	19.66	_____
Roll-Out Pipe Irr.	Acre	68.61	1.0000	68.61	_____
TOTAL FIXED EXPENSES				150.08	_____
TOTAL SPECIFIED EXPENSES				578.27	_____

Table 9.B Estimated resource use and costs for field operations, per Acre
 Soybeans, RR, 12-row equipment, stale seedbed,
 irrigated, Macon Ridge, Northeast Louisiana, 2025.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	1.00	Oct	2.21	4.09	1.07	1.50	0.07	1.15				10.02
LA Phosphate	lb											50.0000	0.79	39.50	39.50
LA Potash	lb											50.0000	0.38	19.00	19.00
Disk Harrow	28'	MFWD 225	0.070	1.00	Oct	2.99	5.54	1.48	3.93	0.07	1.04				14.98
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.75	3.21	0.06	0.19	0.04	0.72				5.93
Disk Bed (Hipper)	12R-38	MFWD 225	0.049	1.00	Oct	2.10	3.90	1.41	4.65	0.04	0.73				12.79
Ditcher		2WD 130	0.020	1.00	Oct	0.45	0.63	0.07	0.12	0.02	0.30				1.57
App by Air (5 gal)	appl			1.00	Mar							1.0000	8.05	8.05	8.05
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
2,4-D Amine 4	pt											1.0000	2.23	2.23	2.23
Valor WP	oz											2.0000	1.63	3.26	3.26
Plant - Folding	12R-38	MFWD 190	0.049	1.00	May	1.78	3.29	1.86	4.49	0.09	1.48				12.90
Soybean Seed RR	lb											50.0000	1.16	58.00	58.00
Ditcher		2WD 130	0.020	1.00	May	0.45	0.63	0.07	0.12	0.02	0.30				1.57
Spray (Bcast/HB)	40' Fold	MFWD 170	0.042	1.00	May	1.33	2.22	0.46	0.69	0.06	0.94				5.64
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Dual II Magnum	pt											1.0000	10.00	10.00	10.00
App by Air (5 gal)	appl			1.00	Jun							1.0000	8.05	8.05	8.05
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Flexstar HL	pt											1.0000	8.75	8.75	8.75
App by Air (3 gal)	appl			1.00	Jul							1.0000	7.50	7.50	7.50
Brigade EC	pt											0.3750	20.45	7.67	7.67
Quadris	oz											6.0000	1.70	10.20	10.20
App by Air (3 gal)	appl			1.00	Jul							1.0000	7.50	7.50	7.50
Prevathon	oz											8.0000	1.05	8.40	8.40
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Besiege	oz											5.0000	2.91	14.55	14.55
Stratego	pt											0.6250	22.50	14.06	14.06
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Prevathon	oz											8.0000	1.05	8.40	8.40
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Brigade EC	pt											0.3750	20.45	7.67	7.67
Besiege	oz											5.0000	2.91	14.55	14.55
App by Air (3 gal)	appl			1.00	Sep							1.0000	7.50	7.50	7.50
Gramoxone Inteon	oz											16.0000	0.32	5.12	5.12
Surfactant	pt											1.0000	3.30	3.30	3.30
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	7.48	19.66	1.13	2.11	0.08	1.59				31.97
Digital Ag Fee	acre			1.00	Oct							1.0000	10.00	10.00	10.00
Soil Test	acre											0.3300	10.00	3.30	3.30
Haul Soybeans	bu			1.00	Oct							50.0000	0.29	14.50	14.50
Roll-Out Pipe Irr.	Acre				Jul	10.37	18.98	19.47	70.13	0.44	6.66	1.0000		7.92	133.53
TOTALS						30.91	62.15	27.08	87.93	0.98	14.91			342.70	565.68
INTEREST ON OPERATING CAPITAL															12.59
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															578.27

Table 9.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
Soybeans, RR, 12-row equipment, stale seedbed,
irrigated, Macon Ridge, Northeast Louisiana, 2025.

			-----BREAKEVEN PRICE-----										
Soybeans			5.80	6.20	6.65	7.18	7.81	8.56	9.48	10.63	12.10	14.07	16.83
PERCENT	YIELD	UNIT	-----dollars-----										
50	25.00	bu	-275	-265	-254	-241	-225	-206	-183	-155	-118	-68	0
			-425	-415	-404	-391	-375	-356	-333	-305	-268	-218	-150
60	30.00	bu	-248	-236	-222	-206	-187	-165	-137	-103	-59	0	82
			-398	-386	-372	-356	-338	-315	-287	-253	-209	-150	-67
70	35.00	bu	-220	-206	-190	-172	-150	-124	-91	-51	0	68	165
			-370	-356	-340	-322	-300	-274	-241	-201	-150	-81	15
80	40.00	bu	-192	-177	-159	-137	-112	-82	-45	0	59	137	248
			-343	-327	-309	-287	-262	-232	-196	-150	-91	-12	98
90	45.00	bu	-165	-147	-127	-103	-75	-41	0	51	118	206	330
			-315	-297	-277	-253	-225	-191	-150	-98	-31	56	180
100	50.00	bu	-137	-118	-95	-68	-37	0	45	103	177	275	413
			-287	-268	-245	-218	-187	-150	-104	-46	27	125	263
110	55.00	bu	-110	-88	-63	-34	0	41	91	155	236	344	496
			-260	-238	-213	-184	-150	-108	-58	4	86	194	346
120	60.00	bu	-82	-59	-31	0	37	82	137	206	295	413	578
			-232	-209	-181	-150	-112	-67	-12	56	145	263	428
130	65.00	bu	-55	-29	0	34	75	124	183	258	354	482	661
			-205	-179	-150	-115	-74	-26	33	108	204	332	511
140	70.00	bu	-27	0	31	68	112	165	229	310	413	551	744
			-177	-150	-118	-81	-37	15	79	160	263	401	594
150	75.00	bu	0	29	63	103	150	206	275	361	472	620	826
			-150	-120	-86	-46	0	56	125	211	322	470	676

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
Soybeans, RR, 12-row equipment, stale seedbed,
irrigated, Macon Ridge, Northeast Louisiana, 2025.

			-----BREAKEVEN PRICE-----										
Soybeans			7.80	8.34	8.96	9.68	10.54	11.56	12.81	14.38	16.39	19.07	22.83
PERCENT	YIELD	UNIT	-----dollars-----										
50	25.00	bu	-225	-212	-196	-178	-157	-131	-100	-61	-10	56	150
			-375	-362	-346	-328	-307	-281	-250	-211	-161	-93	0
60	30.00	bu	-188	-171	-153	-131	-106	-75	-37	9	69	150	262
			-338	-322	-303	-281	-256	-225	-187	-140	-80	0	112
70	35.00	bu	-150	-131	-110	-84	-54	-18	24	79	150	244	375
			-300	-281	-260	-234	-204	-169	-125	-70	0	93	225
80	40.00	bu	-112	-91	-66	-37	-3	37	87	150	230	337	488
			-262	-241	-216	-187	-153	-112	-62	0	80	187	338
90	45.00	bu	-75	-51	-23	9	47	93	150	220	311	431	600
			-225	-201	-173	-140	-102	-56	0	70	161	281	450
100	50.00	bu	-37	-10	20	56	98	150	212	290	391	525	713
			-187	-161	-130	-93	-51	0	62	140	241	375	563
110	55.00	bu	0	29	63	103	150	206	275	361	472	619	826
			-150	-120	-86	-46	0	56	125	211	322	469	676
120	60.00	bu	37	69	106	150	201	262	337	431	552	713	939
			-112	-80	-43	0	51	112	187	281	402	563	788
130	65.00	bu	74	109	150	197	252	319	400	502	633	807	1051
			-75	-40	0	46	102	169	250	352	483	657	901
140	70.00	bu	112	150	193	244	303	375	463	572	713	901	1164
			-37	0	43	93	153	225	313	422	563	751	1014
150	75.00	bu	150	190	236	290	355	431	525	643	794	995	1277
			0	40	86	140	204	281	375	493	644	845	1127

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

Table 10.A Estimated costs per Acre
 Soybeans, RR, 12-row equipment, 38-inch rows, non-irrigated,
 alluvial soils, Northeast Louisiana, 2025.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	3.0000	24.15	_____
App by Air (3 gal)	appl	7.50	5.0000	37.50	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.32	16.0000	5.12	_____
FERTILIZERS					
LA Phosphate	lb	0.79	50.0000	39.50	_____
LA Potash	lb	0.38	50.0000	19.00	_____
FUNGICIDES					
Quadris	oz	1.70	6.0000	10.20	_____
Stratego	pt	22.50	0.6250	14.06	_____
HERBICIDES					
Roundup WeatherMax	oz	0.17	66.0000	11.22	_____
2,4-D Amine 4	pt	2.23	1.0000	2.23	_____
Valor WP	oz	1.63	2.0000	3.26	_____
Dual II Magnum	pt	10.00	1.0000	10.00	_____
Flexstar HL	pt	8.75	1.0000	8.75	_____
INSECTICIDES					
Brigade EC	pt	20.45	0.7500	15.34	_____
Prevathon	oz	1.05	16.0000	16.80	_____
Besiege	oz	2.91	10.0000	29.10	_____
Surfactant	pt	3.30	1.0000	3.30	_____
SEED/PLANTS					
Soybean Seed RR	lb	1.16	50.0000	58.00	_____
SERVICE FEE					
Digital Ag Fee	acre	10.00	1.0000	10.00	_____
Soil Test	acre	10.00	0.3300	3.30	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	51.39	0.3300	16.96	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.29	45.0000	13.05	_____
OPERATOR LABOR					
Harvesters	hour	18.69	0.0851	1.59	_____
LA Hired Labor					
Implements	hour	14.83	0.1124	1.66	_____
Tractors	hour	14.83	0.2946	4.38	_____
DIESEL FUEL					
Tractors	gal	2.80	2.8077	7.86	_____
Harvesters	gal	2.80	1.2047	3.37	_____
REPAIR & MAINTENANCE					
Implements	Acre	5.81	1.0000	5.81	_____
Tractors	Acre	2.36	1.0000	2.36	_____
Harvesters	Acre	4.11	1.0000	4.11	_____
INTEREST ON OP. CAP.	Acre	11.55	1.0000	11.55	_____
TOTAL DIRECT EXPENSES				393.53	_____
FIXED EXPENSES					
Implements	Acre	13.98	1.0000	13.98	_____
Tractors	Acre	18.21	1.0000	18.21	_____
Harvesters	Acre	19.66	1.0000	19.66	_____
TOTAL FIXED EXPENSES				51.85	_____
TOTAL SPECIFIED EXPENSES				445.38	_____

Table 10.B Estimated resource use and costs for field operations, per Acre
 Soybeans, RR, 12-row equipment, 38-inch rows, non-irrigated,
 alluvial soils, Northeast Louisiana, 2025.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	1.00	Oct	2.21	4.09	1.07	1.50	0.07	1.15				10.02
LA Phosphate	lb											50.0000	0.79	39.50	39.50
LA Potash	lb											50.0000	0.38	19.00	19.00
Lime (Spread)	ton			0.33	Oct							0.3300	51.39	16.96	16.96
Field Cultivate	32'	MFWD 190	0.046	1.00	Oct	1.68	3.09	0.74	3.92	0.04	0.69				10.12
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.75	3.21	0.06	0.19	0.04	0.72				5.93
Ditcher		2WD 130	0.020	1.00	Oct	0.45	0.63	0.07	0.12	0.02	0.30				1.57
App by Air (5 gal)	appl			1.00	Mar							1.0000	8.05	8.05	8.05
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
2,4-D Amine 4	pt											1.0000	2.23	2.23	2.23
Valor WP	oz											2.0000	1.63	3.26	3.26
NT Plant-Rigid	12R-30	MFWD 190	0.065	1.00	May	2.35	4.34	2.21	5.33	0.13	1.94				16.17
Soybean Seed RR	lb											50.0000	1.16	58.00	58.00
Ditcher		2WD 130	0.020	1.00	May	0.45	0.63	0.07	0.12	0.02	0.30				1.57
Spray (Bcast/HB)	40' Fold	MFWD 170	0.042	1.00	May	1.33	2.22	0.46	0.69	0.06	0.94				5.64
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Dual II Magnum	pt											1.0000	10.00	10.00	10.00
App by Air (5 gal)	appl			1.00	Jun							1.0000	8.05	8.05	8.05
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Flexstar HL	pt											1.0000	8.75	8.75	8.75
App by Air (3 gal)	appl			1.00	Jul							1.0000	7.50	7.50	7.50
Brigade EC	pt											0.3750	20.45	7.67	7.67
Quadris	oz											6.0000	1.70	10.20	10.20
App by Air (3 gal)	appl			1.00	Jul							1.0000	7.50	7.50	7.50
Prevathon	oz											8.0000	1.05	8.40	8.40
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Besiege	oz											5.0000	2.91	14.55	14.55
Stratego	pt											0.6250	22.50	14.06	14.06
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Prevathon	oz											8.0000	1.05	8.40	8.40
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Brigade EC	pt											0.3750	20.45	7.67	7.67
Besiege	oz											5.0000	2.91	14.55	14.55
App by Air (5 gal)	appl			1.00	Sep							1.0000	8.05	8.05	8.05
Gramoxone Inteon	oz											16.0000	0.32	5.12	5.12
Surfactant	pt											1.0000	3.30	3.30	3.30
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	7.48	19.66	1.13	2.11	0.08	1.59				31.97
Digital Ag Fee	acre			1.00	Oct							1.0000	10.00	10.00	10.00
Soil Test	acre											0.3300	10.00	3.30	3.30
Haul Soybeans	bu			1.00	Oct							45.0000	0.29	13.05	13.05
TOTALS						17.70	37.87	5.81	13.98	0.49	7.63			350.84	433.83
INTEREST ON OPERATING CAPITAL															11.55
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															445.38

Table 10.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
Soybeans, RR, 12-row equipment, 38-inch rows, non-irrigated,
alluvial soils, Northeast Louisiana, 2025.

			-----BREAKEVEN PRICE-----										
Soybeans			5.92	6.33	6.79	7.33	7.97	8.74	9.68	10.85	12.36	14.37	17.19
PERCENT	YIELD	UNIT	-----dollars-----										
50	22.50	bu	-253	-244	-234	-221	-207	-190	-169	-142	-108	-63	0
			-305	-296	-285	-273	-259	-242	-220	-194	-160	-115	-51
60	27.00	bu	-228	-217	-204	-190	-172	-152	-126	-95	-54	0	76
			-280	-269	-256	-242	-224	-203	-178	-146	-106	-51	24
70	31.50	bu	-202	-190	-175	-158	-138	-114	-84	-47	0	63	152
			-254	-242	-227	-210	-190	-165	-136	-99	-51	11	100
80	36.00	bu	-177	-162	-146	-126	-103	-76	-42	0	54	126	228
			-229	-214	-198	-178	-155	-127	-94	-51	2	74	176
90	40.50	bu	-152	-135	-117	-95	-69	-38	0	47	108	190	304
			-203	-187	-168	-146	-120	-89	-51	-4	56	138	252
100	45.00	bu	-126	-108	-87	-63	-34	0	42	95	162	253	380
			-178	-160	-139	-115	-86	-51	-9	43	111	201	328
110	49.50	bu	-101	-81	-58	-31	0	38	84	142	217	316	456
			-153	-133	-110	-83	-51	-13	32	90	165	265	404
120	54.00	bu	-76	-54	-29	0	34	76	126	190	271	380	532
			-127	-106	-81	-51	-17	24	74	138	219	328	480
130	58.50	bu	-50	-27	0	31	69	114	169	237	325	443	608
			-102	-79	-51	-20	17	62	117	185	274	391	556
140	63.00	bu	-25	0	29	63	103	152	211	285	380	507	684
			-77	-51	-22	11	51	100	159	233	328	455	632
150	67.50	bu	0	27	58	95	138	190	253	332	434	570	760
			-51	-24	6	43	86	138	201	280	382	518	708

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
Soybeans, RR, 12-row equipment, 38-inch rows, non-irrigated,
alluvial soils, Northeast Louisiana, 2025.

			-----BREAKEVEN PRICE-----										
Soybeans			6.69	7.15	7.68	8.29	9.02	9.89	10.96	12.29	14.01	16.29	19.50
PERCENT	YIELD	UNIT	-----dollars-----										
50	22.50	bu	-236	-225	-214	-200	-183	-164	-140	-110	-71	-20	51
			-288	-277	-265	-252	-235	-216	-192	-162	-123	-72	0
60	27.00	bu	-207	-195	-180	-164	-144	-121	-92	-56	-9	51	138
			-259	-246	-232	-216	-196	-172	-144	-108	-61	0	86
70	31.50	bu	-178	-164	-147	-128	-105	-77	-44	-2	51	123	224
			-230	-216	-199	-180	-157	-129	-96	-54	0	72	172
80	36.00	bu	-149	-133	-114	-92	-66	-34	3	51	113	195	311
			-201	-185	-166	-144	-117	-86	-48	0	61	144	259
90	40.50	bu	-121	-102	-81	-56	-26	8	51	105	175	267	397
			-172	-154	-132	-108	-78	-43	0	54	123	216	345
100	45.00	bu	-92	-71	-47	-20	12	51	99	159	237	339	484
			-144	-123	-99	-72	-39	0	48	108	185	288	432
110	49.50	bu	-63	-40	-14	15	51	95	147	213	298	411	570
			-115	-92	-66	-36	0	43	96	162	246	360	518
120	54.00	bu	-34	-9	18	51	91	138	195	267	360	484	656
			-86	-61	-33	0	39	86	144	216	308	432	605
130	58.50	bu	-5	20	51	87	130	181	243	321	422	556	743
			-57	-30	0	36	78	129	192	270	370	504	691
140	63.00	bu	23	51	85	123	169	224	291	375	484	628	829
			-28	0	33	72	117	172	240	324	432	576	777
150	67.50	bu	51	82	118	159	208	267	339	429	545	700	916
			0	30	66	108	157	216	288	378	493	648	864

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
 Soybeans, RR, 12-row equipment, 38-inch rows, irrigated
 alluvial soils, Northeast Louisiana, 2025.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	3.0000	24.15	_____
App by Air (3 gal)	appl	7.50	5.0000	37.50	_____
HARVEST AIDS					
Gramoxone Inteon	oz	0.32	16.0000	5.12	_____
FERTILIZERS					
LA Phosphate	lb	0.79	50.0000	39.50	_____
LA Potash	lb	0.38	50.0000	19.00	_____
FUNGICIDES					
Quadris	oz	1.70	6.0000	10.20	_____
Stratego	pt	22.50	0.6250	14.06	_____
HERBICIDES					
Roundup WeatherMax	oz	0.17	66.0000	11.22	_____
2,4-D Amine 4	pt	2.23	1.0000	2.23	_____
Valor WP	oz	1.63	2.0000	3.26	_____
Dual II Magnum	pt	10.00	1.0000	10.00	_____
Flexstar HL	pt	8.75	1.0000	8.75	_____
INSECTICIDES					
Brigade EC	pt	20.45	0.7500	15.34	_____
Prevathon	oz	1.05	16.0000	16.80	_____
Besiege	oz	2.91	10.0000	29.10	_____
Surfactant	pt	3.30	1.0000	3.30	_____
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	_____
SEED/PLANTS					
Soybean Seed RR	lb	1.16	50.0000	58.00	_____
SERVICE FEE					
Digital Ag Fee	acre	10.00	1.0000	10.00	_____
Soil Test	acre	10.00	0.3300	3.30	_____
CUSTOM FERT/LIME					
Lime (Spread)	ton	51.39	0.3300	16.96	_____
CUSTOM HARVEST/HAUL					
Haul Soybeans	bu	0.29	55.0000	15.95	_____
OPERATOR LABOR					
Harvesters	hour	18.69	0.0851	1.59	_____
IRRIGATION LABOR					
Implements	hour	14.83	0.0062	0.09	_____
LA Hired Labor					
Implements	hour	14.83	0.0986	1.46	_____
Tractors	hour	14.83	0.5739	8.53	_____
LA Irrigation Labor					
Special Labor	hour	14.83	0.1500	2.22	_____
DIESEL FUEL					
Tractors	gal	2.80	5.5004	15.41	_____
Harvesters	gal	2.80	1.2047	3.37	_____
Roll-Out Pipe Irr.	gal	2.80	4.8877	13.68	_____
REPAIR & MAINTENANCE					
Implements	Acre	5.97	1.0000	5.97	_____
Tractors	Acre	4.69	1.0000	4.69	_____
Harvesters	Acre	4.11	1.0000	4.11	_____
Roll-Out Pipe Irr.	Acre	5.36	1.0000	5.36	_____
INTEREST ON OP. CAP.	Acre	12.77	1.0000	12.77	_____

TOTAL DIRECT EXPENSES				440.91	_____
FIXED EXPENSES					
Implements	Acre	15.08	1.0000	15.08	_____
Tractors	Acre	36.27	1.0000	36.27	_____
Harvesters	Acre	19.66	1.0000	19.66	_____
Roll-Out Pipe Irr.	Acre	68.61	1.0000	68.61	_____

TOTAL FIXED EXPENSES				139.62	_____

TOTAL SPECIFIED EXPENSES				580.53	_____

Table 11.B Estimated resource use and costs for field operations, per Acre
 Soybeans, RR, 12-row equipment, 38-inch rows, irrigated
 alluvial soils, Northeast Louisiana, 2025.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST		EQUIPMENT COST		ALLOC LABOR		OPERATING/DURABLE INPUT			TOTAL COST
						DIRECT	FIXED	DIRECT	FIXED	HOURS	COST	AMOUNT	PRICE	COST	
						-----dollars-----				dollars		-----dollars-----			
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	1.00	Oct	2.21	4.09	1.07	1.50	0.07	1.15				10.02
LA Phosphate	lb											50.0000	0.79	39.50	39.50
LA Potash	lb											50.0000	0.38	19.00	19.00
Lime (Spread)	ton			0.33	Oct							0.3300	51.39	16.96	16.96
Field Cultivate	32'	MFWD 190	0.046	1.00	Oct	1.68	3.09	0.74	3.92	0.04	0.69				10.12
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.75	3.21	0.06	0.19	0.04	0.72				5.93
Ditcher		2WD 130	0.020	1.00	Oct	0.45	0.63	0.07	0.12	0.02	0.30				1.57
App by Air (5 gal)	appl			1.00	Mar							1.0000	8.05	8.05	8.05
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
2,4-D Amine 4	pt											1.0000	2.23	2.23	2.23
Valor WP	oz											2.0000	1.63	3.26	3.26
NT Plant-Folding	12R-38	MFWD 190	0.051	1.00	May	1.86	3.42	2.19	5.29	0.10	1.54				14.30
Soybean Seed RR	lb											50.0000	1.16	58.00	58.00
Ditcher		2WD 130	0.020	1.00	May	0.45	0.63	0.07	0.12	0.02	0.30				1.57
Spray (Broadcast)	40'	MFWD 170	0.042	1.00	May	1.33	2.22	0.21	0.31	0.06	0.94				5.01
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Dual II Magnum	pt											1.0000	10.00	10.00	10.00
App by Air (5 gal)	appl			1.00	Jun							1.0000	8.05	8.05	8.05
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Flexstar HL	pt											1.0000	8.75	8.75	8.75
App by Air (3 gal)	appl			1.00	Jul							1.0000	7.50	7.50	7.50
Brigade EC	pt											0.3750	20.45	7.67	7.67
Quadris	oz											6.0000	1.70	10.20	10.20
App by Air (3 gal)	appl			1.00	Jul							1.0000	7.50	7.50	7.50
Prevathon	oz											8.0000	1.05	8.40	8.40
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Besiege	oz											5.0000	2.91	14.55	14.55
Stratego	pt											0.6250	22.50	14.06	14.06
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Brigade EC	pt											0.3750	20.45	7.67	7.67
Besiege	oz											5.0000	2.91	14.55	14.55
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Prevathon	oz											8.0000	1.05	8.40	8.40
App by Air (5 gal)	appl			1.00	Sep							1.0000	8.05	8.05	8.05
Gramoxone Inteon	oz											16.0000	0.32	5.12	5.12
Surfactant	pt											1.0000	3.30	3.30	3.30
Header - Soybean	30' Flex	275hp	0.085	1.00	Oct	7.48	19.66	1.13	2.11	0.08	1.59				31.97
Digital Ag Fee	acre			1.00	Oct							1.0000	10.00	10.00	10.00
Soil Test	acre											0.3300	10.00	3.30	3.30
Haul Soybeans	bu			1.00	Oct							55.0000	0.29	15.95	15.95
Roll-Out Pipe Irr.	Acre				Jul	10.37	18.98	19.47	70.13	0.44	6.66	1.0000		7.92	133.53
TOTALS						27.58	55.93	25.01	83.69	0.91	13.89			361.66	567.76
INTEREST ON OPERATING CAPITAL															12.77
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															580.53

Table 11.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
Soybeans, RR, 12-row equipment, 38-inch rows, irrigated
alluvial soils, Northeast Louisiana, 2025.

			-----BREAKEVEN PRICE-----										
Soybeans			5.44	5.81	6.23	6.72	7.31	8.01	8.87	9.94	11.32	13.16	15.73
PERCENT	YIELD	UNIT	-----dollars-----										
50	27.50	bu	-283	-273	-261	-247	-231	-212	-188	-159	-121	-70	0
			-422	-412	-400	-387	-371	-351	-328	-298	-260	-210	-139
60	33.00	bu	-254	-242	-228	-212	-193	-169	-141	-106	-60	0	84
			-394	-382	-368	-351	-332	-309	-281	-245	-200	-139	-54
70	38.50	bu	-226	-212	-196	-176	-154	-127	-94	-53	0	70	169
			-366	-351	-335	-316	-294	-267	-234	-192	-139	-68	30
80	44.00	bu	-198	-182	-163	-141	-115	-84	-47	0	60	141	254
			-337	-321	-302	-281	-255	-224	-186	-139	-78	1	115
90	49.50	bu	-169	-151	-130	-106	-77	-42	0	53	121	212	339
			-309	-291	-270	-245	-216	-182	-139	-86	-18	72	200
100	55.00	bu	-141	-121	-98	-70	-38	0	47	106	182	283	424
			-281	-260	-237	-210	-178	-139	-92	-33	42	143	285
110	60.50	bu	-113	-91	-65	-35	0	42	94	159	242	353	509
			-252	-230	-204	-175	-139	-97	-45	19	103	214	370
120	66.00	bu	-84	-60	-32	0	38	84	141	212	303	424	594
			-224	-200	-172	-139	-101	-54	1	72	163	285	455
130	71.50	bu	-56	-30	0	35	77	127	188	265	364	495	679
			-196	-169	-139	-104	-62	-12	49	125	224	355	539
140	77.00	bu	-28	0	32	70	115	169	235	318	424	566	764
			-167	-139	-106	-68	-23	30	96	178	285	426	624
150	82.50	bu	0	30	65	106	154	212	283	371	485	637	849
			-139	-109	-74	-33	14	72	143	232	345	497	709

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
Soybeans, RR, 12-row equipment, 38-inch rows, irrigated
alluvial soils, Northeast Louisiana, 2025.

			-----BREAKEVEN PRICE-----										
Soybeans			7.13	7.62	8.18	8.84	9.62	10.55	11.69	13.12	14.95	17.39	20.81
PERCENT	YIELD	UNIT	-----dollars-----										
50	27.50	bu	-236	-223	-207	-189	-168	-142	-111	-72	-21	45	139
			-376	-362	-347	-329	-307	-282	-250	-211	-161	-94	0
60	33.00	bu	-198	-182	-164	-142	-116	-86	-48	-1	58	139	252
			-338	-322	-303	-282	-256	-225	-188	-141	-80	0	112
70	38.50	bu	-161	-142	-120	-95	-65	-29	14	69	139	233	365
			-300	-282	-260	-235	-205	-169	-125	-70	0	94	225
80	44.00	bu	-123	-102	-77	-48	-14	26	76	139	220	327	478
			-263	-241	-217	-188	-153	-112	-62	0	80	188	338
90	49.50	bu	-86	-61	-34	-1	37	83	139	210	300	421	591
			-225	-201	-173	-141	-102	-56	0	70	161	282	451
100	55.00	bu	-48	-21	9	45	88	139	202	280	381	515	703
			-188	-161	-130	-94	-51	0	62	141	241	376	564
110	60.50	bu	-10	18	52	92	139	196	265	351	462	609	816
			-150	-120	-86	-47	0	56	125	211	322	470	677
120	66.00	bu	26	58	96	139	190	252	327	421	542	703	929
			-112	-80	-43	0	51	112	188	282	403	564	790
130	71.50	bu	64	99	139	186	242	308	390	492	623	798	1042
			-75	-40	0	47	102	169	250	352	483	658	902
140	77.00	bu	101	139	183	233	293	365	453	562	703	892	1155
			-37	0	43	94	153	225	313	423	564	752	1015
150	82.50	bu	139	179	226	280	344	421	515	633	784	986	1268
			0	40	86	141	205	282	376	493	644	846	1128

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

Appendix Table 1 Estimated costs per Acre
Poly pipe irrigation system, 160 acres
applying 10.5 inches in three applications Louisiana, 2025.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	_____
IRRIGATION LABOR					
Implements	hour	14.83	0.0062	0.09	_____
LA Hired Labor					
Tractors	hour	14.83	0.2930	4.35	_____
LA Irrigation Labor					
Special Labor	hour	14.83	0.1500	2.22	_____
DIESEL FUEL					
Tractors	gal	2.80	2.8274	7.92	_____
Engine, RPF, 75	gal	2.80	8.5535	23.94	_____
REPAIR & MAINTENANCE					
Implements	Acre	0.43	1.0000	0.43	_____
Tractors	Acre	2.45	1.0000	2.45	_____
Well & Pump, Furrow	each	472.80	0.0062	2.96	_____
Engine, RPF, 75	ac-in	0.39	10.5000	4.20	_____
INTEREST ON OP. CAP.	Acre	1.60	1.0000	1.60	_____

TOTAL DIRECT EXPENSES				58.08	_____
FIXED EXPENSES					
Implements	Acre	1.52	1.0000	1.52	_____
Tractors	Acre	18.98	1.0000	18.98	_____
Well & Pump, Furrow	each	1924.92	0.0062	12.03	_____
Main Line Pipe	each	1064.08	0.0062	6.65	_____
Land Forming (\$300)	each	38.10	1.0000	38.11	_____
Engine, RPF, 75	each	1891.51	0.0062	11.82	_____

TOTAL FIXED EXPENSES				89.11	_____

TOTAL SPECIFIED EXPENSES				147.19	_____

Appendix Table 2 Estimated costs per Acre
Center pivot irrigation system, 1/4 mile
applying 7.5 inches in three applications Louisiana, 2025.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
LA Hired Labor					
Special Labor	hour	14.83	0.2036	3.03	_____
DIESEL FUEL					
Engine, 1/4 CP, 65	gal	2.80	11.2011	31.37	_____
REPAIR & MAINTENANCE					
Well & Pump, 1/4 CP	each	472.80	0.0074	3.50	_____
Engine, 1/4 CP, 65	ac-in	0.66	7.5000	4.97	_____
Pivot, 1/4 CP	1320'	1820.00	0.0074	13.48	_____
INTEREST ON OP. CAP.	Acre	1.81	1.0000	1.81	_____

TOTAL DIRECT EXPENSES				58.16	_____
FIXED EXPENSES					
Well & Pump, 1/4 CP	each	1924.92	0.0074	14.26	_____
Engine, 1/4 CP, 65	each	1891.51	0.0074	14.01	_____
Pivot, 1/4 CP	each	9616.05	0.0074	71.23	_____

TOTAL FIXED EXPENSES				99.50	_____

TOTAL SPECIFIED EXPENSES				157.66	_____

Appendix Table 3. Operating Inputs: Estimated Prices for 2025.

ITEM NAME	UNIT	PRICE
dollars		
ADJUVANTS		
Surfactant	pt	3.30
CUSTOM FERT/LIME		
Lime (Spread)	ton	51.39
CUSTOM HARVEST/HAUL		
Haul Corn	bu	0.31
Haul Rice	bu	0.30
Haul Rice (cwt)	cwt	0.25
Haul Sorghum	bu	0.35
Haul Soybeans	bu	0.29
Haul Wheat	bu	0.30
LARice Haul	cwt	0.30
CUSTOM PLANT		
Custom Spread + Seed	appl	0.00
LARice Air Plant SW	cwt	5.60
Plant by Air	cwt	8.43
CUSTOM SPRAY		
App by Air (3 gal)	appl	7.50
App by Air (5 gal)	appl	8.05
App by Air (10 gal)	appl	9.50
Custom Terragator	acre	5.00
LARice GPS Charge-SW	acre	0.35
LARice GPS Charge_NE	acre	0.25
FERTILIZERS		
Amm Nitrate (34% N)	cwt	22.50
Amm Sulfate (21% N)	cwt	26.00
Anhy Ammonia (82% N)	cwt	28.00
Boron (Solubor)	lb	0.75
Crop Oil (Seed Oil)	pt	2.90
DAP	cwt	47.21
Fert 0-20-20	cwt	0.00
Fert 10-10-10	cwt	0.00
Fert 10-34-0	cwt	33.00
Fert 10-34-0	gal	3.85
Fert 13-13-13	cwt	0.00
Fert 41-0-0-4	cwt	38.00
Fert 5-20-20	cwt	0.00
Haul Cotton	lb	0.02
LA Nitrogen	lb	0.52
LA Phosphate	lb	0.79
LA Potash	lb	0.38
Phosphorus (46% P2O5)	cwt	29.10
Potash (60% K2O)	cwt	27.09
Sulfur	lb	0.34
UAN (32% N)	cwt	21.78
UAN + Sulfur (28% N)	cwt	24.80
Urea, Solid (46% N)	cwt	25.98
Zinc	lb	0.50
FUNGICIDES		
Apron Maxx RTA	oz	1.02
Apron XL	oz	6.98
Apron XL LS	oz	5.27
Benlate 50 WP	lb	15.95
Captan 4L	pt	4.50
Captan 50 WP	lb	6.13
Crop Oil (Petroleum)	pt	2.90
Cruiser 5FS	oz	0.90
Delta Coat AD	oz	3.75
Dithane F-45	qt	7.81
Dithane Rainsheild	lb	4.08
Fungicide	lb	2.82
Gem 25 WG	oz	3.70
Manzate 75 DF	lb	4.86
Manzate Flowable	pt	4.60
Moncut 70 DF	lb	32.81
Orbit	oz	2.75
Prevail	lb	28.50
Quadris	oz	1.70
Ridomil GoldPC 10G	lb	2.08
Ridomil Gold PC	lb	5.30
Ridomil Gold PC Liq	oz	6.42
Rovral 4F	pt	14.90

Appendix Table 3. Operating inputs: estimated prices Louisiana, 2025.

ITEM NAME	UNIT	PRICE
dollars		
FUNGICIDES CONT'D		
Shelter	oz	8.50
Stiletto	oz	0.58
Stratego	pt	22.50
Terrachlor Flowable	pt	4.74
Terraclor 2EC	pt	1.87
Terraclor Super X EC	pt	3.95
Terraclor Super X G	lb	2.82
Tilt 3.6 EC	oz	0.87
Vitavax 200	oz	0.47
Vitavax M Flowable	oz	1.06
Vitavax RTU-Thiram	oz	0.40
Vitavax T-L	oz	0.29
GIN/DRY		
Dry Corn	bu	0.19
Dry Grain Sorghum	cwt	0.25
Dry Rice	bu	0.40
Dry Rice (cwt)	cwt	0.90
Gin	lb	0.11
LARice Dry	cwt	0.90
GROWTH REGULATORS		
Early Harvest PGR	oz	1.55
LA Polado	oz	0.45
Mepex	oz	0.09
PGR IV	oz	1.55
Pix Plus	oz	1.36
Pix Ultra	oz	0.21
HARVEST AIDS		
Accelerate	pt	2.59
Ammonium Sulfate	lb	0.24
Boll'd	pt	3.84
CottonQuik	pt	6.06
Def 6	pt	7.50
Def/Folex	pt	9.75
Dropp 50 WP	lb	45.45
Dropp SC	oz	1.56
Ethephon 6E	pt	4.76
Finish 6	pt	11.17
Folex 6EC	pt	7.75
Ginstar EC	pt	29.72
Gramoxone Extra	pt	5.28
Gramoxone Inteon	oz	0.32
Gramoxone Max	pt	5.28
Harvade 5F	oz	0.67
Leafless	pt	18.56
Prep	pt	3.84
Sodium Chlorate 3L	gal	3.50
Sodium Chlorate 6L	gal	8.61
HERBICIDES		
2,4-D Amine 4	pt	2.23
2,4-D Ester	pt	3.14
AAtrex 4L	pt	3.00
AAtrex NINE-O	lb	3.96
Accent Gold	oz	6.12
Accent SP	oz	24.48
Aim 2EC	oz	7.34
Aim DF	oz	7.34
App Fert by Air	cwt	13.60
Arrosolo	qt	7.88
Assure II	oz	0.74
Atrazine 4L	pt	2.46
Atrazine 90DF	lb	5.09
Authority 75DF	lb	37.75
Axiom 68DF	lb	25.74
Backdraft	pt	2.40
Banvel	pt	3.86
Basagran	pt	5.43
Basis Gold	lb	9.00
Beacon 75% WSP	oz	34.87
Beyond	oz	4.48
Bicep II Magnum	qt	11.80

Appendix Table 3. Operating inputs: estimated prices Louisiana, 2025.

ITEM NAME	UNIT	PRICE
dollars		
HERBICIDES CONT'D		
Bicep II zmsgnum	qt	11.18
Blazer Ultra	pt	9.79
Boa	pt	3.63
Bolero 8EC	pt	7.73
Boundary	pt	10.19
Buctril 4EC	pt	4.28
Butoxone 175 (2,4-DB)	pt	3.24
Butoxone 200 (2,4-DB)	pt	3.92
Butyrac 175 (2,4-DB)	pt	3.29
Butyrac 200 (2,4-DB)	pt	3.38
Canopy 75%	oz	3.25
Canopy XL	oz	3.25
Caparol 4L	pt	4.97
Caparol Accu-Pak	lb	0.00
Celebrity Plus	lb	84.50
Clarity	pt	15.00
Classic	oz	20.19
Clincher EC	oz	2.69
Cobra 2EC	oz	1.50
Command 3ME	pt	14.95
Conclude XACT	pt	11.32
Conclude XTRA	pt	8.32
Cornerstone	pt	2.50
Cotoran 4L	pt	6.88
Cotoran DF	lb	7.92
Cotton Pro Flowable	pt	3.75
Crossbow	pt	8.05
Delta Goal	pt	9.44
Denim 0.16 EC	pt	24.06
Detail	pt	7.99
Direx 4L	pt	3.22
Direx 80 DF	lb	6.20
Diuron 4L	pt	3.09
Diuron 80 DF	lb	5.50
Domain 60DF	lb	12.75
DSMA 4	pt	0.90
Dual II Magnum	pt	10.00
Dual Magnum	pt	10.11
Duet	pt	6.09
Evik DF 80W	lb	11.22
Exceed	oz	10.71
Exceed Custom Pak	oz	11.50
Expert	pt	4.39
Facet 75DF	lb	50.00
First Rate	oz	37.99
Flexstar HL	pt	8.75
FloMet 4L	pt	4.74
Freedom	qt	2.51
Front Row	oz	21.92
Frontier 6.0	oz	0.63
Fultime	pt	6.29
Fusilade DX	oz	1.06
Fusion	pt	29.86
Glyphos	pt	1.80
Glyphomax	pt	3.49
Glyphosate Plus 4L	pt	4.03
Glystar Plus	pt	2.17
Goal 2XL	pt	10.75
Gramoxone Max	pt	5.28
Gramoxone Max	pt	5.28
Grandstand R	qt	18.68
Guardzman	pt	4.66
Guardzman Max	pt	7.22
Harmony Extra	oz	13.50
Hoelon 3EC	pt	11.03
Karmex DF	lb	5.93
LA Asulox/Asulam	gal	54.00

Appendix Table 3. Operating Inputs: Estimated Prices for 2025.

ITEM NAME	UNIT	PRICE
dollars		
HERBICIDES CONT'D		
LA Weedmaster	qt	6.56
Lariat	qt	7.58
Lasso 4EC	qt	6.60
Layby Pro	qt	3.87
Lexone 75DF	lb	18.90
Liberty	pt	10.24
Lightning	oz	14.25
Lightning	oz	14.25
Linex 4L	pt	9.28
Londax 60DF	oz	18.08
Lorox 50DF	lb	24.12
Matador	pt	0.00
MSMA 6.6	pt	3.97
MSMA6 + Surfactant	pt	3.97
Newpath 2SL	oz	4.50
Ordram 15-G	lb	1.34
Ordram 8-E	pt	9.42
Outlook	pt	14.94
Pendimax 3.3	pt	2.47
Permit 75DF	oz	23.42
Poast 1.53	pt	12.77
Poast Plus	pt	9.69
Propanil 4E	qt	5.15
Prowl 3.3 EC	pt	4.65
Pursuit DG	oz	11.59
Pursuit Plus EC	pt	7.10
Python WDG	oz	15.10
Raptor	oz	4.38
Reflex 2LC	pt	8.18
Regiment 80WP	oz	4.38
Remedy	pt	8.45
Resource .86EC	pt	26.88
Roundup Original	pt	2.73
Roundup Original Max	oz	0.17
Roundup Power Max	pt	3.28
Roundup Ultra MAX	pt	5.97
Roundup Ultra Dry	lb	6.14
Roundup WeatherMax	oz	0.17
Scepter 70 DG	oz	6.04
Select 2EC	oz	0.94
Sencor 4F	pt	14.74
Sencor DF	lb	9.95
Squadron CE	pt	12.50
Stam 4E	qt	8.00
Stam 80 EDF	lb	9.45
Staple 85%	oz	3.95
Staple Plus	oz	8.55
Steadfast	oz	12.26
Steel	pt	10.28
Storm	pt	12.97
Strongarm	oz	56.42
Superwham	qt	9.82
Suprend	lb	13.52
Surpass 20G	lb	2.36
Surpass EC	qt	26.36
Touchdown	qt	10.21
Touchdown 4 IQ	pt	3.33
Touchdown Total	qt	10.21
Treflan HFP	pt	3.65
Treflan TR-10	lb	1.10
Tri-Scept	pt	5.24
Trifluralin 4EC	pt	3.65
Trilin 10G	lb	0.79
Trilin 4EC	pt	2.12
Typhoon	qt	13.06
Valor WP	oz	1.63
Whip 360	pt	25.08
Zorial Rapid 80DF	lb	14.10

Appendix Table 3. Operating Inputs: Estimated Prices for 2025.

ITEM NAME	UNIT	PRICE
dollars		
INSECTICIDES		
Acephate 80SP	lb	0.00
Acephate 90SP	lb	6.75
Admire 2 Flowable	oz	2.19
Ammo 2.5 EC	oz	0.85
App Fert by Air (Min)	appl	7.50
Asana .66 XL	oz	0.51
Aztec 2.1% G	lb	3.88
Baythroid 2	oz	1.22
Belt	oz	6.41
Besiege	oz	2.91
Bidrin 8L	oz	1.60
Brigade EC	pt	20.45
Brigade WSB	lb	26.04
Capture 2EC	oz	1.37
Centric 40WG	oz	7.29
Comite	pt	8.45
Condor XL	pt	0.00
Confirm 2F	oz	1.88
Counter 15G	lb	4.51
Counter CR	lb	2.65
Curacron 8E	pt	10.75
Custom Apply Fert	acre	8.00
Decis 1.5EC	oz	2.84
Declare	pt	4.08
Denim 0.16EC	pt	32.63
Di-Syston 15G	lb	3.48
Di-Syston 8	pt	14.32
Diamond .83EC	pt	18.00
Dimethoate 4E	pt	8.51
Dimilin 2L	oz	2.45
Dipel DF	lb	13.13
Dipel ES	pt	4.89
Force 3G	lb	7.28
Furadan 3G	lb	0.00
Furadan 4F	pt	9.81
Fury 1.5 EC	oz	1.30
Gaucho 480	oz	5.80
Intrepid 2F	oz	2.28
Intruder 70WP	oz	1.13
Karate Z	oz	1.41
Lannate LV	pt	8.60
Lannate SP	oz	2.42
Larvin 3.2	oz	0.63
Leverage 2.7	oz	2.17
Lorsban 15G	lb	2.35
Lorsban 4E	pt	6.10
Malathion 57EC	pt	6.43
Malathion 8E	pt	9.84
Malathion ULV	pt	4.93
Mepichlor 4.2% Liq	pt	5.91
Methyl Parathion	pt	5.79
Monitor 4	pt	16.50
Monitor 4	pt	16.50
Mustang Max	oz	1.48
Organophosphate	oz	0.00
Orthene 90S	lb	7.00
Orthene 97	lb	27.26
Ovasyn	pt	0.00
Ovicide	oz	0.00
Penncap M	pt	6.71
Phaser 3E	qt	8.13
Pirate 3SC	oz	0.00
Pounce 25WP	lb	19.96
Pounce 3.2 EC	oz	0.34
Prevathon	oz	1.05
Provado 1.6F	oz	1.94
Scout X-TRA	oz	0.00
Sevin 80S	lb	7.40
Sevin XLR Plus	qt	19.25
Sivanto	oz	3.18
Spintor 2SC	oz	4.93

Appendix Table 3. Operating Inputs: Estimated Prices for 2025.

ITEM NAME	UNIT	PRICE
dollars		
INSECTICIDES CONT'D		
Temik 15G Grit	lb	4.00
Thimet 20-G	lb	3.65
Thionex 3EC	pt	4.17
Thionex 50W	lb	10.45
Tracer	oz	9.73
Transform	oz	9.34
Trimax	oz	1.85
Vydate C-LV	oz	0.93
Warrior Z	oz	1.80
Warrior ZT	oz	3.02
IRRIGATION SUPPLIES		
Rice Gates	each	3.65
Roll-Out Pipe	ft	0.24
OVERHEAD		
Farmstead & Drainage	Dol	1.00
LARice Insurance	Dollar	1.00
LARice Misc. Overhd	dollar	1.00
LARice Property Tax	dollar	1.00
Shops Bldg & Equip.	Dol	6.55
SERVICE FEE		
Utilities	Dol	1.00
SEED/PLANTS		
Corn Seed Bt	thous	3.61
Corn Seed BtRR	thous	3.61
Corn Seed Conv.	thous	3.80
Corn Seed RR	thous	4.55
Corn Seed VT3	thous	3.91
Corn Seed VT3Pro	thous	3.91
Cotton Seed BG/RR	thous	0.62
Cotton Seed BGII/RRF	thous	2.70
Cotton Seed Bt	thous	2.60
Cotton Seed BtRR	thous	3.23
Cotton Seed Bxn	thous	0.00
Cotton Seed Conv.	thous	0.00
Cotton Seed Liberty	thous	1.05
Cotton Seed Liberty	thous	1.05
Cotton Seed RR	thous	0.63
Cotton Seed RR	thous	0.63
Cotton Seed WS	thous	0.49
Cotton Seed WS/RR	thous	0.00
Cotton Seed WS/RRF	thous	0.59
Rice Clearfield 161	lb	1.35
Rice Clearfield XL8	lb	6.12
Rice Seed (Levees)	lb	0.90
Rice Seed CF(Levees)	lb	1.30
Rice Seed Conv.	lb	0.39
Rice Seed Hybrid	lb	5.66
SC Cultured seedcane	acre	665.00
Sorghum Concept	lb	4.20
Sorghum Hybrid Sudax	lb	1.20
Sorghum NonConcept	lb	1.18
Soybean Seed LL	lb	1.32
Soybean Seed Private	lb	0.38
Soybean Seed Public	lb	0.00
Soybean Seed RR	lb	1.16
Soybean Seed Stack	lb	1.28
Wheat Seed Private	lb	0.24
SERVICE FEE		
Cotton Checkoff	bale	2.56
Cotton Storage	bale	25.00
Crop Consultant	acre	9.00
Custom Apply	acre	8.00
Custom Combine Rice	acre	0.00
Custom Spread(Truc	appl	4.50
Digital Ag Fee	acre	10.00
Insect Scouting	acre	7.00
LARice Air Plant NE	cwt	5.50

Appendix Table 3. Operating Inputs: Estimated Prices for 2025.

ITEM NAME	UNIT	PRICE
dollars		
SERVICE FEE CONT'D		
RRF Cotton Tech Fee	cap/ac	48.25
Soil Test	acre	10.00
Survey & Mark Levees	acre	4.50
Survey & Mark Levees	acre	4.50
TECHNOLOGY FEE		
G Cot Tech Fee	thous	0.28
BG Cot Tech Fee	cap/ac	19.50
BG II Cot Tech Fee	thous	0.76
BG II Cot Tech Fee	cap/ac	31.91
BG II/RR Tech Fee	thous	1.49
BG II/RR Tech Fee	cap/ac	62.69
BGII/RRF Cot Tech Fe	thous	1.49
BGII/RRF Cot Tech Fe	cap/ac	62.69
Eradication Fee	acre	6.00
Eradication Zone 1	acre	6.00
Eradication Zone 1A	acre	6.00
Eradication Zone 1B	acre	6.00
Eradication Zone 2	acre	6.00
Eradication Zone 3	acre	6.00
Eradication Zone 4	acre	6.00
RR Cotton Tech Fee	thous	1.04
RR Cotton Tech Fee	cap/ac	43.66
RR Cotton Tech Fee	thous	1.04
RR Cotton Tech Fee	cap/ac	43.66
RRF Cotton Tech Fee	thous	1.04

Appendix Table 4. Tractors: estimated purchase price, annual use, useful life, fuel use, and direct and fixed cost per hour, Louisiana 2025.

Item Name	Size	Purchase Price	Annual Use	Useful Life	Fuel Use	Labor	Fuel	R&M	Total Direct	Fixed	Total Cost
		dollars	hours	years	gal/hr	-----\$/hour-----					
Combine (200-249 hp)	240hp	161,548	300	8	12.35	17.94	43.22	16.82	77.99	80.57	158.56
Combine (225-274 hp)	Track250hp	0	300	8	12.87	17.94	45.04	0.00	62.98	0.00	62.98
Combine (250-299 hp)	275hp	463,000	300	8	14.15	17.94	49.52	48.22	115.69	230.93	346.62
Combine (250-299hp)	Grass295hp	218,222	300	8	15.18	17.94	53.13	22.73	93.80	108.84	202.64
Combine (275-299 hp)	Track290hp	0	300	8	14.93	17.94	52.25	0.00	70.19	0.00	70.19
Combine (300-349 hp)	325hp	468,000	300	8	16.73	17.94	58.55	48.75	125.24	233.42	358.67
Combine (300-349hp)	Track320hp	0	300	8	16.47	17.94	57.64	0.00	75.58	0.00	75.58
Combine (350-379 hp)	370hp	500,000	300	8	19.04	17.94	66.64	52.08	136.66	249.38	386.04
Combine (350-379 hp)	Track365hp	0	300	8	18.79	17.94	65.76	0.00	83.70	0.00	83.70
Cotton Stripper	173hp	170,000	200	8	8.08	17.94	28.28	26.56	72.78	127.18	199.96
Tractor (40-59hp) Cab	2WD 50	39,900	600	8	2.57	14.53	9.00	1.24	24.78	9.33	34.12
Tractor (40-59hp) Cab	MFWD 50	50,300	600	8	2.57	14.53	9.00	1.57	25.10	11.77	36.87
Tractor (40-59hp) RB	2WD 50	28,100	600	8	2.57	14.53	9.00	0.87	24.41	6.57	30.99
Tractor (40-59hp) RB	MFWD 50	33,900	600	8	2.57	14.53	9.00	1.05	24.59	7.93	32.52
Tractor (60-89hp) CAB	2WD 75	64,000	600	8	3.86	14.53	13.51	2.00	30.04	14.97	45.01
Tractor (60-89hp) CAB	MFWD 75	74,900	600	8	3.86	14.53	13.51	2.34	30.38	17.52	47.90
Tractor (60-89hp) RB	2WD 75	59,800	600	8	3.86	14.53	13.51	1.86	29.91	13.99	43.90
Tractor (60-89hp) RB	MFWD 75	53,500	600	8	3.86	14.53	13.51	1.67	29.71	12.51	42.23
Tractor (90-119hp) CB	2WD 105	94,400	600	8	5.40	14.53	18.91	2.95	36.39	22.08	58.48
Tractor (90-119hp) CB	MFWD 105	103,500	600	8	5.40	14.53	18.91	3.23	36.68	24.21	60.89
Tractor (90-119hp) RB	2WD 105	84,000	600	8	5.40	14.53	18.91	2.62	36.07	19.65	55.72
Tractor (90-119hp) RB	MFWD 105	90,700	600	8	5.40	14.53	18.91	2.83	36.28	21.22	57.50
Tractor (120-139hp) CB	2WD 130	135,400	600	8	6.69	14.53	23.41	4.23	42.18	31.68	73.86
Tractor (120-139hp) CB	MFWD 130	170,900	600	8	6.69	14.53	23.41	5.34	43.29	39.99	83.28
Tractor (140-159hp) CB	2WD 150	137,500	600	8	7.72	14.53	27.02	4.29	45.85	32.17	78.02
Tractor (140-159hp) CB	MFWD 150	171,000	600	8	7.72	14.53	27.02	5.34	46.89	40.01	86.91
Tractor (160-179hp) CB	2WD 170	166,000	600	8	8.75	14.53	30.62	5.18	50.34	40.12	90.46
Tractor (160-179hp) CB	MFWD 170	201,000	600	8	8.75	14.53	30.62	6.28	51.43	48.58	100.01
Tractor (160-199hp) CB	Track 180	142,710	600	8	9.26	14.53	32.42	4.45	51.41	34.49	85.90
Tractor (180-199hp) CB	2WD 190	143,000	600	8	9.77	14.53	34.22	4.46	53.22	34.56	87.78
Tractor (180-199hp) CB	MFWD 190	246,000	600	8	9.77	14.53	34.22	7.68	56.44	59.45	115.90
Tractor (200-249hp) CB	4WD 225	147,066	600	8	11.58	14.53	40.53	4.59	59.66	35.54	95.20
Tractor (200-249hp) CB	MFWD 225	309,000	600	8	11.58	14.53	40.53	9.65	64.72	74.68	139.40
Tractor (200-249hp) CB	Track 225	277,000	600	8	11.58	14.53	40.53	8.65	63.72	66.94	130.66
Tractor (250-349hp) CB	4WD 300	432,000	600	8	15.44	14.53	54.04	13.50	82.07	104.41	186.48
Tractor (250-349hp) CB	Track 300	329,000	600	8	15.44	14.53	54.04	10.28	78.85	79.51	158.37
Tractor (350-449hp) CB	4WD 400	480,000	600	8	20.58	14.53	72.06	15.00	101.59	116.01	217.60
Tractor (350-449hp) CB	Track 400	625,000	600	8	20.58	14.53	72.06	19.53	106.12	151.05	257.17
Tractor (450-uphp) CB	TRACK-475	279,879	600	8	24.44	14.53	85.57	8.74	108.84	67.64	176.49

Appendix Table 5. Self-propelled machines: estimated purchase price, annual use, useful life, fuel use, performance rate, and direct and fixed cost per acre, Louisiana 2025.

Item Name	Size	Purchase Price	Annual Use	Useful Life	Fuel Use	Perf Rate	Labor	Fuel	R&M	Total Direct	Fixed	Total Cost
		dollars	hours	years	gal/hr	hr/ac	-----\$/acre-----					
ATV - 4 Wheeler	12'	0	100	8	1.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
ATV - 4 Wheeler	20'	9,360	100	8	1.00	0.200	3.58	0.64	0.46	4.69	2.71	7.41
Butt Levee (Backhoe)	70 HP	73,000	150	8	5.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00
Cotton Picker-1st-BB	2R38"157hp	144,912	200	8	8.08	0.519	16.87	14.69	11.76	43.33	56.33	99.67
Cotton Picker-1st-BB	4R2X1260hp	317,399	200	8	13.33	0.172	5.59	8.03	8.54	22.17	40.91	63.09
Cotton Picker-1st-BB	4R30"250hp	262,000	200	8	12.86	0.327	10.63	14.74	13.40	38.77	64.17	102.94
Cotton Picker-1st-BB	4R30"325hp	350,000	200	8	18.01	0.327	10.63	20.63	17.90	49.17	85.72	134.89
Cotton Picker-1st-BB	4R38"255hp	268,000	200	8	13.12	0.257	8.37	11.84	10.79	31.00	51.68	82.69
Cotton Picker-1st-BB	4R38"325hp	351,000	200	8	18.01	0.257	8.37	16.24	14.13	38.75	67.69	106.45
Cotton Picker-1st-BB	5R30"250hp	285,000	200	8	12.86	0.261	8.50	11.78	11.66	31.95	55.84	87.79
Cotton Picker-1st-BB	5R38"250hp	284,601	200	8	12.86	0.207	6.72	9.33	9.21	25.27	44.11	69.39
Cotton Picker-1st-BB	6R30"325hp	465,000	200	8	18.27	0.218	7.08	13.95	15.85	36.89	75.92	112.82
Cotton Picker-1st-BB	6R38"330hp	465,000	200	8	18.27	0.172	5.59	11.01	12.51	29.13	59.94	89.07
Cotton Picker-1st-Tr	2R38"157hp	144,912	200	8	8.08	0.519	16.87	14.69	11.76	43.33	56.33	99.67
Cotton Picker-1st-Tr	4R2X1255hp	322,137	200	8	18.01	0.172	5.59	10.86	8.67	25.13	41.52	66.66
Cotton Picker-1st-Tr	4R30"250hp	261,825	200	8	12.86	0.327	10.63	14.74	13.39	38.76	64.12	102.89
Cotton Picker-1st-Tr	4R30"325hp	311,088	200	8	16.72	0.327	10.63	19.16	15.91	45.71	76.19	121.90
Cotton Picker-1st-Tr	4R38"255hp	268,000	200	8	13.12	0.257	8.37	11.84	10.79	31.00	51.68	82.69
Cotton Picker-1st-Tr	4R38"325hp	351,000	200	8	18.01	0.257	8.37	16.24	14.13	38.75	67.69	106.45
Cotton Picker-1st-Tr	5R30"255hp	285,303	200	8	13.12	0.261	8.50	12.03	11.67	32.21	55.90	88.11
Cotton Picker-1st-Tr	5R38"250hp	290,471	200	8	12.86	0.207	6.72	9.33	9.40	25.46	45.02	70.49
Cotton Picker-1st-Tr	6R30"325hp	465,000	200	8	16.72	0.218	7.08	12.77	15.85	35.72	75.92	111.65
Cotton Picker-1st-Tr	6R38"330hp	465,000	200	8	18.01	0.172	5.59	10.86	12.51	28.97	59.94	88.92
Cotton Picker-2nd-BB	2R38"157hp	144,912	200	8	8.08	0.440	14.29	12.44	9.96	36.70	47.72	84.43
Cotton Picker-2nd-BB	4R2x1260hp	322,187	200	8	18.01	0.145	4.73	9.20	7.34	21.28	35.18	56.46
Cotton Picker-2nd-BB	4R30"250hp	261,825	200	8	12.86	0.277	9.00	12.48	11.34	32.83	54.32	87.15
Cotton Picker-2nd-BB	4R30"325hp	311,088	200	8	16.72	0.277	9.00	16.23	13.47	38.72	64.54	103.26
Cotton Picker-2nd-BB	4R38"255hp	268,000	200	8	13.12	0.218	7.08	10.03	9.14	26.26	43.78	70.04
Cotton Picker-2nd-BB	4R38"325hp	351,000	200	8	18.01	0.218	7.08	13.76	11.97	32.82	57.33	90.16
Cotton Picker-2nd-BB	5R30"255hp	285,303	200	8	13.12	0.221	7.20	10.19	9.88	27.28	47.35	74.63
Cotton Picker-2nd-BB	5R38"250hp	284,601	200	8	12.86	0.175	5.69	7.90	7.80	21.40	37.37	58.77
Cotton Picker-2nd-BB	6R30"325hp	465,000	200	8	18.01	0.184	6.00	11.65	13.43	31.08	64.31	95.40
Cotton Picker-2nd-Tr	6R38"330hp	465,000	200	8	18.01	0.145	4.73	9.19	10.60	24.54	50.77	75.31
Cotton Picker/Module	6R-30 (500)	854,000	200	8	25.73	0.218	7.08	19.65	29.12	55.86	139.44	195.31
LA Pickup Truck	1/2 ton	28,000	800	5	2.50	1.000	14.53	8.02	3.15	25.70	8.29	33.99
LA Rice Combine	25 ft	181,500	300	10	8.60	0.300	5.92	9.03	14.53	29.49	26.46	55.96
LA Rice Combine-2	25 ft	181,500	300	10	8.60	0.300	5.92	9.03	14.53	29.49	26.46	55.96
LARice Combine Med	20 ft	165,000	300	10	7.10	0.210	4.14	5.22	9.24	18.61	16.83	35.44
Levee Sprayer	27'	30,768	350	8	2.57	0.038	0.96	0.34	0.06	1.37	0.50	1.87
Sprayer(300-450Gal)	60'	103,000	350	8	5.66	0.017	0.44	0.34	0.09	0.89	0.77	1.66
Sprayer(300-450Gal)	80'	103,000	350	8	5.66	0.013	0.33	0.26	0.07	0.66	0.58	1.25
Sprayer(600-750Gal)	60'	216,000	350	8	10.29	0.017	0.44	0.63	0.20	1.28	1.62	2.91
Sprayer(600-825Gal)	80'	268,000	350	8	10.29	0.013	0.33	0.47	0.18	0.99	1.51	2.51
Sprayer(600-825Gal)	90'	331,000	350	8	10.29	0.011	0.29	0.42	0.20	0.92	1.66	2.59
Sprayer(1000-1400Gal)	90'	363,000	350	8	14.15	0.014	0.35	0.69	0.27	1.32	2.18	3.51
Sprayer(1200PlusGal)	120'	472,000	350	8	15.44	0.008	0.22	0.47	0.22	0.92	1.77	2.69

Appendix Table 6. Implements: estimated purchase price, annual use, useful life, performance rate, and direct and fixed cost per acre, Louisiana 2025.

Item Name	Size	Power Unit	Purchase Price	Annual Use	Useful Life	Perf Rate	Labor	Fuel	---R&M---		Total Direct	--Fixed--		Total Cost
									Imp.	P.U.		Imp.	P.U.	
			dollars	hours	years	hr/ac	-----\$/acre-----							
Spray (Direct/Hood)	12R-38	MFWD 170	26,100	200	8	0.044	0.97	1.36	0.54	0.27	3.15	0.81	2.16	6.13
Spray (Direct/Layby)	8R-30	MFWD 170	19,500	200	8	0.084	1.84	2.59	0.77	0.53	5.74	1.15	4.11	11.01
Spray (Direct/Layby)	8R-38	MFWD 170	19,500	200	8	0.066	1.45	2.04	0.61	0.42	4.53	0.91	3.24	8.70
Spray (Direct/Layby)	8R-38 2x1	MFWD 170	29,500	200	8	0.044	0.97	1.36	0.61	0.27	3.22	0.92	2.16	6.31
Spray (Direct/Layby)	10R-30	MFWD 170	12,200	200	8	0.067	1.47	2.07	0.38	0.42	4.36	0.57	3.28	8.22
Spray (Direct/Layby)	12R-30	MFWD 170	29,500	200	8	0.056	1.22	1.72	0.78	0.35	4.09	1.16	2.74	8.00
Spray (Direct/Layby)	12R-38	MFWD 170	29,500	200	8	0.044	0.97	1.36	0.61	0.27	3.22	0.92	2.16	6.31
Spray (Direct/Layby)	16R-20	MFWD 170	34,600	200	8	0.063	1.38	1.94	1.02	0.39	4.74	1.53	3.07	9.36
Spray (Spot)	27'	MFWD 170	5,810	200	8	0.062	1.36	1.91	0.17	0.39	3.85	0.25	3.04	7.15
Spray (Spot)	40'	MFWD 170	10,350	200	8	0.042	0.92	1.29	0.20	0.26	2.68	0.30	2.05	5.05
Spray (Spot)	50'	MFWD 170	9,670	200	8	0.033	0.73	1.03	0.15	0.21	2.14	0.22	1.64	4.01
Spray (Spot)	53'	MFWD 170	10,100	200	8	0.031	0.69	0.97	0.15	0.20	2.02	0.22	1.55	3.80
Spray (Spot)	60'	MFWD 170	18,600	200	8	0.028	0.61	0.86	0.24	0.17	1.90	0.36	1.37	3.64
Stalk Shredder	14'	MFWD 150	36,300	200	10	0.117	1.71	3.18	3.74	0.62	9.27	2.82	4.71	16.81
Stalk Shredder	20'	MFWD 150	36,300	200	10	0.082	1.19	2.22	2.62	0.44	6.48	1.97	3.30	11.76
Stalk Shredder-Flail	12'	MFWD 150	30,000	200	10	0.137	1.99	3.71	3.60	0.73	10.05	2.72	5.50	18.28
Stalk Shredder-Flail	20'	MFWD 150	43,900	200	10	0.082	1.19	2.22	3.16	0.44	7.03	2.39	3.30	12.73
Subsoiler	3 shank	MFWD 190	5,690	100	15	0.204	2.96	6.99	0.38	1.57	11.92	1.27	12.14	25.34
Subsoiler	4 shank	MFWD 225	14,800	100	15	0.153	2.23	6.22	0.75	1.48	10.70	2.49	11.47	24.67
Subsoiler	5 shank	MFWD 225	18,300	100	15	0.122	1.77	4.95	0.74	1.18	8.66	2.45	9.13	20.26
Subsoiler low-till	4 shank	MFWD 225	9,830	100	15	0.153	2.23	6.22	0.50	1.48	10.44	1.65	11.47	23.57
Subsoiler low-till	6 shank	MFWD 225	26,600	100	15	0.102	1.48	4.14	0.90	0.98	7.51	2.98	7.63	18.13
Subsoiler low-till	8 shank	MFWD 225	25,700	100	15	0.076	1.11	3.10	0.65	0.73	5.60	2.15	5.71	13.48
TerraTill Bed w/roll	4R-38	MFWD 225	14,300	150	12	0.160	2.33	6.52	0.83	1.55	11.24	1.85	12.01	25.11
TerraTill Bed w/roll	6R-38	MFWD 225	19,400	150	12	0.107	1.56	4.35	0.75	1.03	7.71	1.68	8.03	17.42
TerraTill Bed w/roll	4R-30	MFWD 225	14,300	150	12	0.204	2.96	8.28	1.05	1.97	14.27	2.35	15.25	31.89
TerraTill Bed w/roll	6R-30	MFWD 225	15,310	150	12	0.136	1.97	5.52	0.75	1.31	9.56	1.67	10.17	21.42