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

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TABLE OF CONTENTS

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by

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Introduction

This publication presents estimates of projected costs and returns for cotton 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
Cotton, B2/RRFlex,8-row equipment, non-irrigated, alluvial soil, Louisiana, 2025.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (3 gal)	appl	7.50	5.0000	37.50	_________
App by Air (5 gal)	appl	8.05	1.0000	8.05	_________
HARVEST AIDS					
Dropp SC	oz	1.56	1.2000	1.87	_________
Prep	pt	3.84	1.3300	5.11	_________
Def/Folex	pt	9.75	0.7500	7.31	_________
FERTILIZERS					
LA Phosphate	lb	0.79	60.0000	47.40	_________
LA Potash	lb	0.38	60.0000	22.80	_________
LA Nitrogen	lb	0.52	90.0000	46.80	_________
HERBICIDES					
Roundup WeatherMax	oz	0.17	88.0000	14.96	_________
2,4-D Amine 4	pt	2.23	1.0000	2.23	_________
Valor WP	oz	1.63	1.5000	2.44	_________
Cotoran 4L	pt	6.88	1.2000	8.26	_________
Dual II Magnum	pt	10.00	1.0000	10.00	_________
Layby Pro	qt	3.87	1.0000	3.87	_________
INSECTICIDES					
Ammo 2.5 EC	oz	0.85	1.2800	1.09	_________
Dimethoate 4E	pt	8.51	0.4000	3.40	_________
Centric 40WG	oz	7.29	4.0000	29.16	_________
Karate Z	oz	1.41	6.3900	9.01	_________
Orthene 90S	lb	7.00	1.1500	8.05	_________
Diamond .83EC	pt	18.00	0.7500	13.50	_________
Bidrin 8L	oz	1.60	12.0000	19.20	_________
SEED/PLANTS					
Cotton Seed BGII/RRF	thous	2.70	40.0000	108.00	_________
TECHNOLOGY FEE					
BGII/RRF Cot Tech Fe	cap/ac	62.69	1.0000	62.69	_________
Eradication Fee	acre	6.00	1.0000	6.00	_________
GROWTH REGULATORS					
Pix Plus	oz	1.36	16.0000	21.76	_________
SERVICE FEE					
Crop Consultant	acre	9.00	1.0000	9.00	_________
Digital Ag Fee	acre	10.00	1.0000	10.00	_________
Soil Test	acre	10.00	0.3300	3.30	_________
Cotton Checkoff	bale	2.56	1.9800	5.07	_________
CUSTOM FERT/LIME					
Lime (Spread)	ton	51.39	0.3300	16.96	_________
OPERATOR LABOR					
Self-Propelled	hour	18.69	0.2887	5.40	_________
HAND LABOR					
Self-Propelled	hour	14.83	0.0352	0.52	_________
LA Hired Labor					
Implements	hour	14.83	0.1913	2.85	_________
Tractors	hour	14.83	0.7470	11.08	_________
Self-Propelled	hour	14.83	0.2182	3.24	_________
DIESEL FUEL					
Tractors	gal	2.80	6.7725	18.96	_________
Self-Propelled	gal	2.80	6.3428	17.77	_________
REPAIR & MAINTENANCE					
Implements	Acre	11.82	1.0000	11.82	_________
Tractors	Acre	5.51	1.0000	5.51	_________
Self-Propelled	Acre	29.92	1.0000	29.92	_________
INTEREST ON OP. CAP.	Acre	22.90	1.0000	22.90	_________

TOTAL DIRECT EXPENSES				674.75	_________
FIXED EXPENSES					
Implements	Acre	20.29	1.0000	20.29	_________
Tractors	Acre	42.60	1.0000	42.60	_________
Self-Propelled	Acre	145.97	1.0000	145.97	_________

TOTAL FIXED EXPENSES				208.86	_________

TOTAL SPECIFIED EXPENSES				883.61	_________

Table 1.B Estimated resource use and costs for field operations, per Acre
Cotton, B2/RRFlex,8-row equipment, non-irrigated, alluvial soil, Louisiana, 2023.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST DIRECT	POWER UNIT COST FIXED	EQUIPMENT COST DIRECT	EQUIPMENT COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING/DURABLE INPUT AMOUNT	OPERATING/DURABLE INPUT PRICE	OPERATING/DURABLE INPUT COST	TOTAL COST
						------------dollars-----------					dollars		---------dollars---------		
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
Paratill & Bed Fold.	8R-38	MFWD 225	0.080	0.50	Nov	1.72	3.19	0.68	1.53	0.04	0.60				7.72
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Nov	2.79	5.14	1.53	2.14	0.11	1.73				13.33
LA Phosphate	lb											60.0000	0.79	47.40	47.40
LA Potash	lb											60.0000	0.38	22.80	22.80
Lime (Spread)	ton			0.33	Nov							0.3300	51.39	16.96	16.96
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	0.074	1.00	Nov	2.66	4.91	0.67	2.21	0.07	1.10				11.55
Row Cond (Harrow)	27'	MFWD 190	0.057	1.00	Nov	2.06	3.80	0.18	0.94	0.05	0.85				7.83
Roller	32'	MFWD 170	0.046	1.00	Nov	1.46	2.45	0.18	1.34	0.04	0.69				6.12
Ditcher		2WD 130	0.020	1.00	Nov	0.45	0.63	0.07	0.12	0.02	0.30				1.57
Sprayer(600-750Gal)	60'		0.017	1.00	Mar	0.71	1.63			0.02	0.46				2.80
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											1.5000	1.63	2.44	2.44
Plant & Pre Folding	8R-38	MFWD 170	0.080	1.00	Apr	2.51	4.21	2.37	5.71	0.16	2.38				17.18
Cotoran 4L	pt											1.2000	6.88	8.26	8.26
Cotton Seed BGII/RRF	thous											40.0000	2.70	108.00	108.00
Ammo 2.5 EC	oz											1.2800	0.85	1.09	1.09
BGII/RRF Cot Tech Fe	cap/ac											1.0000	62.69	62.69	62.69
Ditcher		2WD 130	0.020	1.00	Apr	0.45	0.63	0.07	0.12	0.02	0.30				1.57
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.79	5.14	1.53	2.14	0.11	1.73				13.33
LA Nitrogen	lb											90.0000	0.52	46.80	46.80
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.71	1.63			0.02	0.46				2.80
Dimethoate 4E	pt											0.4000	8.51	3.40	3.40
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Dual II Magnum	pt											1.0000	10.00	10.00	10.00
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.71	1.63			0.02	0.46				2.80
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Centric 40WG	oz											2.0000	7.29	14.58	14.58
Sprayer(600-750Gal)	60'		0.017	1.00	Jun	0.71	1.63			0.02	0.46				2.80
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
App by Air (3 gal)	appl			1.00	Jun							1.0000	7.50	7.50	7.50
Centric 40WG	oz											2.0000	7.29	14.58	14.58
Pix Plus	oz											4.0000	1.36	5.44	5.44
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jun	2.09	3.51	0.61	0.92	0.10	1.49				8.62
Layby Pro	qt											1.0000	3.87	3.87	3.87
Eradication Fee	acre			1.00	Jul							1.0000	6.00	6.00	6.00
App by Air (3 gal)	appl			1.00	Jul							1.0000	7.50	7.50	7.50
Karate Z	oz											2.1300	1.41	3.00	3.00
Orthene 90S	lb											0.6000	7.00	4.20	4.20
Diamond .83EC	pt											0.3750	18.00	6.75	6.75
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Karate Z	oz											2.1300	1.41	3.00	3.00
Bidrin 8L	oz											6.0000	1.60	9.60	9.60
Pix Plus	oz											12.0000	1.36	16.32	16.32
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Bidrin 8L	oz											6.0000	1.60	9.60	9.60
Diamond .83EC	pt											0.3750	18.00	6.75	6.75
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Orthene 90S	lb											0.5500	7.00	3.85	3.85
Karate Z	oz											2.1300	1.41	3.00	3.00
App by Air (5 gal)	appl			1.00	Sep							1.0000	8.05	8.05	8.05
Dropp SC	oz											1.2000	1.56	1.87	1.87
Prep	pt											1.3300	3.84	5.11	5.11
Def/Folex	pt											0.7500	9.75	7.31	7.31
Cotton Picker/Module	6R-30(500)		0.218	1.00	Sep	44.85	139.45			0.43	7.32				191.62
Stalk Shredder-Flail	12'	MFWD 150	0.137	1.00	Nov	3.74	5.78	3.87	2.93	0.13	2.04				18.36
Crop Consultant	acre			1.00	Nov							1.0000	9.00	9.00	9.00
Digital Ag Fee	acre			1.00	Nov							1.0000	10.00	10.00	10.00
Soil Test	acre											0.3300	10.00	3.30	3.30
Cotton Checkoff	bale			1.00	Nov							1.9800	2.56	5.07	5.07
TOTALS						72.16	188.57	11.82	20.29	1.48	23.09			544.78	860.71
INTEREST ON OPERATING CAPITAL															22.90
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															883.61

Table 1.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
Cotton, B2/RRFlex,8-row equipment, non-irrigated, alluvial soil, Louisiana, 2025.

			BREAKEVEN PRICE										
Cotton Lint			0.35	0.37	0.40	0.43	0.47	0.52	0.58	0.65	0.75	0.87	1.05
PERCENT	YIELD	UNIT	dollars										
50	500.00	lb	-350	-337	-323	-306	-286	-262	-233	-196	-150	-87	0
			-558	-546	-532	-515	-495	-471	-442	-405	-358	-296	-208
60	600.00	lb	-315	-300	-282	-262	-238	-210	-175	-131	-75	0	105
			-523	-508	-491	-471	-447	-418	-383	-340	-283	-208	-103
70	700.00	lb	-280	-262	-242	-218	-190	-157	-116	-65	0	87	210
			-488	-471	-451	-427	-399	-366	-325	-274	-208	-121	1
80	800.00	lb	-245	-225	-201	-175	-143	-105	-58	0	75	175	315
			-453	-433	-410	-383	-352	-313	-267	-208	-133	-33	106
90	900.00	lb	-210	-187	-161	-131	-95	-52	0	65	150	262	420
			-418	-396	-370	-340	-304	-261	-208	-143	-58	53	211
100	1000.00	lb	-175	-150	-121	-87	-47	0	58	131	225	350	525
			-383	-358	-330	-296	-256	-208	-150	-77	16	141	316
110	1100.00	lb	-140	-112	-80	-43	0	52	116	196	300	437	630
			-348	-321	-289	-252	-208	-156	-92	-11	91	228	421
120	1200.00	lb	-105	-75	-40	0	47	105	175	262	375	525	735
			-313	-283	-249	-208	-161	-103	-33	53	166	316	526
130	1300.00	lb	-70	-37	0	43	95	157	233	328	450	612	840
			-278	-246	-208	-165	-113	-51	24	119	241	403	631
140	1400.00	lb	-35	0	40	87	143	210	291	393	525	700	945
			-243	-208	-168	-121	-65	1	82	185	316	491	736
150	1500.00	lb	0	37	80	131	190	262	350	459	600	787	1050
			-208	-171	-128	-77	-17	53	141	250	391	578	841

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
Cotton, B2/RRFlex,8-row equipment, non-irrigated, alluvial soil, Louisiana, 2025.

			BREAKEVEN PRICE										
Cotton Lint			0.48	0.52	0.56	0.61	0.66	0.73	0.81	0.91	1.04	1.22	1.46
PERCENT	YIELD	UNIT	dollars										
50	500.00	lb	-280	-263	-242	-219	-191	-158	-117	-66	-0	86	208
			-489	-471	-451	-428	-400	-367	-326	-275	-209	-122	0
60	600.00	lb	-231	-210	-186	-158	-124	-84	-35	25	104	208	355
			-440	-419	-395	-367	-333	-293	-244	-183	-104	0	146
70	700.00	lb	-182	-158	-129	-96	-58	-11	45	117	208	331	502
			-391	-367	-338	-305	-266	-220	-163	-91	0	122	293
80	800.00	lb	-133	-105	-73	-35	8	62	127	208	313	453	649
			-342	-314	-282	-244	-200	-146	-81	0	104	244	440
90	900.00	lb	-84	-53	-16	25	75	135	208	300	418	575	796
			-293	-262	-225	-183	-133	-73	0	91	209	367	587
100	1000.00	lb	-35	-0	39	86	142	208	290	392	523	698	942
			-244	-209	-169	-122	-66	0	81	183	314	489	734
110	1100.00	lb	13	51	95	147	208	282	371	484	628	820	1089
			-195	-157	-112	-61	0	73	163	275	419	611	880
120	1200.00	lb	62	104	152	208	275	355	453	575	733	942	1236
			-146	-104	-56	0	66	146	244	367	524	734	1027
130	1300.00	lb	110	156	208	270	342	429	535	667	838	1065	1383
			-97	-52	0	61	133	220	326	458	629	856	1174
140	1400.00	lb	159	208	265	331	409	502	616	759	942	1187	1530
			-48	0	56	122	200	293	407	550	734	978	1321
150	1500.00	lb	208	261	321	392	475	575	698	851	1047	1309	1676
			0	52	112	183	266	367	489	642	838	1101	1468

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 Cotton, B2/RRFlex Cotton, 8-row equipment, irrigated, alluvial soil, Louisiana, 2025.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (3 gal)	appl	7.50	5.0000	37.50	_________
App by Air (5 gal)	appl	8.05	1.0000	8.05	_________
HARVEST AIDS					
Dropp SC	oz	1.56	1.2000	1.87	_________
Prep	pt	3.84	1.3300	5.11	_________
Def/Folex	pt	9.75	0.7500	7.31	_________
FERTILIZERS					
LA Phosphate	lb	0.79	60.0000	47.40	_________
LA Potash	lb	0.38	60.0000	22.80	_________
LA Nitrogen	lb	0.52	90.0000	46.80	_________
HERBICIDES					
Roundup WeatherMax	oz	0.17	88.0000	14.96	_________
2,4-D Amine 4	pt	2.23	1.0000	2.23	_________
Valor WP	oz	1.63	1.5000	2.44	_________
Cotoran 4L	pt	6.88	1.2000	8.26	_________
Dual II Magnum	pt	10.00	1.0000	10.00	_________
Layby Pro	qt	3.87	1.0000	3.87	_________
INSECTICIDES					
Ammo 2.5 EC	oz	0.85	1.2800	1.09	_________
Dimethoate 4E	pt	8.51	0.4000	3.40	_________
Orthene 90S	lb	7.00	1.8000	12.60	_________
Centric 40WG	oz	7.29	4.0000	29.16	_________
Karate Z	oz	1.41	6.3900	9.01	_________
Bidrin 8L	oz	1.60	12.0000	19.20	_________
Diamond .83EC	pt	18.00	0.7500	13.50	_________
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	_________
SEED/PLANTS					
Cotton Seed BGII/RRF	thous	2.70	40.0000	108.00	_________
TECHNOLOGY FEE					
BGII/RRF Cot Tech Fe	cap/ac	62.69	1.0000	62.69	_________
Eradication Fee	acre	6.00	1.0000	6.00	_________
GROWTH REGULATORS					
Pix Plus	oz	1.36	24.0000	32.64	_________
SERVICE FEE					
Crop Consultant	acre	9.00	1.0000	9.00	_________
Digital Ag Fee	acre	10.00	1.0000	10.00	_________
Soil Test	acre	10.00	0.3300	3.30	_________
Cotton Checkoff	bale	2.56	2.2900	5.86	_________
CUSTOM FERT/LIME					
Lime (Spread)	ton	51.39	0.3300	16.96	_________
OPERATOR LABOR					
Self-Propelled	hour	18.69	0.2887	5.40	_________
IRRIGATION LABOR					
Implements	hour	14.83	0.0062	0.09	_________
HAND LABOR					
Self-Propelled	hour	14.83	0.0352	0.52	_________
LA Hired Labor					
Implements	hour	14.83	0.1913	2.85	_________
Tractors	hour	14.83	1.0219	15.16	_________
Self-Propelled	hour	14.83	0.2182	3.24	_________
LA Irrigation Labor					
Special Labor	hour	14.83	0.1500	2.22	_________
DIESEL FUEL					
Tractors	gal	2.80	9.4935	26.58	_________
Self-Propelled	gal	2.80	6.3428	17.77	_________
Roll-Out Pipe Irr.	gal	2.80	8.5535	23.94	_________
REPAIR & MAINTENANCE					
Implements	Acre	12.47	1.0000	12.47	_________
Tractors	Acre	7.87	1.0000	7.87	_________
Self-Propelled	Acre	29.92	1.0000	29.92	_________
Roll-Out Pipe Irr.	Acre	7.16	1.0000	7.16	_________
INTEREST ON OP. CAP.	Acre	25.16	1.0000	25.16	_________

TOTAL DIRECT EXPENSES				749.27	_________
FIXED EXPENSES					
Implements	Acre	22.61	1.0000	22.61	_________
Tractors	Acre	60.89	1.0000	60.89	_________
Self-Propelled	Acre	145.97	1.0000	145.97	_________
Roll-Out Pipe Irr.	Acre	68.61	1.0000	68.61	_________

TOTAL FIXED EXPENSES				298.08	_________

TOTAL SPECIFIED EXPENSES				1047.35	_________

Table 2.B Estimated resource use and costs for field operations, per Acre
Cotton, B2/RRFlex Cotton, 8-row equipment, irrigated, alluvial soil, Louisiana, 2025.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST DIRECT	POWER UNIT COST FIXED	EQUIPMENT COST DIRECT	EQUIPMENT COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING/DURABLE INPUT AMOUNT	OPERATING/DURABLE INPUT PRICE	OPERATING/DURABLE INPUT COST	TOTAL COST
						dollars	dollars	dollars	dollars		dollars		dollars	dollars	dollars
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
Paratill & Bed Fold.	8R-38	MFWD 225	0.080	0.50	Nov	1.72	3.19	0.68	1.53	0.04	0.60				7.72
Lime (Spread)	ton			0.33	Nov							0.3300	51.39	16.96	16.96
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Nov	2.79	5.14	1.53	2.14	0.11	1.73				13.33
LA Phosphate	lb											60.0000	0.79	47.40	47.40
LA Potash	lb											60.0000	0.38	22.80	22.80
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Nov	2.66	4.91	0.85	2.80	0.07	1.10				12.32
Row Cond (Harrow)	38'	MFWD 225	0.039	1.00	Nov	1.67	3.11	0.22	1.15	0.03	0.58				6.73
Roller	32'	MFWD 170	0.046	1.00	Nov	1.46	2.45	0.18	1.34	0.04	0.69				6.12
Ditcher		2WD 130	0.020	1.00	Nov	0.45	0.63	0.07	0.12	0.02	0.30				1.57
Sprayer(600-750Gal)	60'		0.017	1.00	Mar	0.71	1.63			0.02	0.46				2.80
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											1.5000	1.63	2.44	2.44
Plant & Pre Folding	8R-38	MFWD 170	0.080	1.00	Apr	2.51	4.21	2.37	5.71	0.16	2.38				17.18
Cotoran 4L	pt											1.2000	6.88	8.26	8.26
Cotton Seed BGII/RRF	thous											40.0000	2.70	108.00	108.00
Ammo 2.5 EC	oz											1.2800	0.85	1.09	1.09
BGII/RRF Cot Tech Fe	cap/ac											1.0000	62.69	62.69	62.69
Ditcher		2WD 130	0.020	1.00	Apr	0.45	0.63	0.07	0.12	0.02	0.30				1.57
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.79	5.14	1.53	2.14	0.11	1.73				13.33
LA Nitrogen	lb											90.0000	0.52	46.80	46.80
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.71	1.63			0.02	0.46				2.80
Dimethoate 4E	pt											0.4000	8.51	3.40	3.40
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Dual II Magnum	pt											1.0000	10.00	10.00	10.00
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.71	1.63			0.02	0.46				2.80
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Sprayer(600-750Gal)	60'		0.017	1.00	Jun	0.71	1.63			0.02	0.46				2.80
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Orthene 90S	lb											0.6000	7.00	4.20	4.20
Centric 40WG	oz											2.0000	7.29	14.58	14.58
App by Air (3 gal)	appl			1.00	Jun							1.0000	7.50	7.50	7.50
Centric 40WG	oz											2.0000	7.29	14.58	14.58
Pix Plus	oz											12.0000	1.36	16.32	16.32
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jun	2.09	3.51	0.61	0.92	0.10	1.49				8.62
Layby Pro	qt											1.0000	3.87	3.87	3.87
Eradication Fee	acre			1.00	Jul							1.0000	6.00	6.00	6.00
App by Air (3 gal)	appl			1.00	Jul							1.0000	7.50	7.50	7.50
Karate Z	oz											2.1300	1.41	3.00	3.00
Bidrin 8L	oz											6.0000	1.60	9.60	9.60
Pix Plus	oz											12.0000	1.36	16.32	16.32
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Karate Z	oz											2.1300	1.41	3.00	3.00
Bidrin 8L	oz											6.0000	1.60	9.60	9.60
Diamond .83EC	pt											0.3750	18.00	6.75	6.75
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Orthene 90S	lb											0.6000	7.00	4.20	4.20
Karate Z	oz											2.1300	1.41	3.00	3.00
Diamond .83EC	pt											0.3750	18.00	6.75	6.75
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Orthene 90S	lb											0.6000	7.00	4.20	4.20
App by Air (5 gal)	appl			1.00	Sep							1.0000	8.05	8.05	8.05
Dropp SC	oz											1.2000	1.56	1.87	1.87
Prep	pt											1.3300	3.84	5.11	5.11
Def/Folex	pt											0.7500	9.75	7.31	7.31
Cotton Picker/Module	6R-30(500)		0.218	1.00	Sep	44.85	139.45			0.43	7.32				191.62
Stalk Shredder-Flail	12'	MFWD 150	0.137	1.00	Nov	3.74	5.78	3.87	2.93	0.13	2.04				18.36
Crop Consultant	acre			1.00	Nov							1.0000	9.00	9.00	9.00
Digital Ag Fee	acre			1.00	Nov							1.0000	10.00	10.00	10.00
Soil Test	acre											0.3300	10.00	3.30	3.30
Cotton Checkoff	bale			1.00	Nov							2.2900	2.56	5.86	5.86
Roll-Out Pipe Irr.	Acre				Jul	10.37	18.98	31.53	70.13	0.44	6.66	1.0000		7.92	145.59
TOTALS						82.14	206.86	43.57	91.22	1.91	29.48			568.92	1022.19
INTEREST ON OPERATING CAPITAL															25.16
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1047.35

Table 2.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
Cotton, B2/RRFlex Cotton, 8-row equipment, irrigated, alluvial soil, Louisiana, 2025.

			BREAKEVEN PRICE									
Cotton Lint			0.25	0.27	0.29	0.32	0.35	0.38	0.42	0.48	0.55	0.64	0.77
PERCENT	YIELD	UNIT	dollars										
50	700.00	lb	-359	-347	-332	-314	-294	-269	-239	-202	-154	-89	0
			-657	-645	-630	-612	-592	-567	-538	-500	-452	-388	-298
60	840.00	lb	-323	-308	-290	-269	-245	-215	-179	-134	-77	0	107
			-621	-606	-588	-567	-543	-514	-478	-433	-375	-298	-190
70	980.00	lb	-287	-269	-249	-224	-196	-161	-119	-67	0	89	215
			-585	-567	-547	-523	-494	-460	-418	-365	-298	-208	-82
80	1120.00	lb	-251	-231	-207	-179	-147	-107	-59	0	77	179	323
			-550	-529	-505	-478	-445	-406	-358	-298	-220	-118	25
90	1260.00	lb	-215	-192	-166	-134	-98	-53	0	67	154	269	431
			-514	-490	-464	-433	-396	-352	-298	-230	-143	-28	133
100	1400.00	lb	-179	-154	-124	-89	-49	0	59	134	231	359	539
			-478	-452	-422	-388	-347	-298	-238	-163	-66	61	241
110	1540.00	lb	-143	-115	-83	-44	0	53	119	202	308	449	647
			-442	-413	-381	-343	-298	-244	-178	-95	10	151	349
120	1680.00	lb	-107	-77	-41	0	49	107	179	269	385	539	755
			-406	-375	-339	-298	-249	-190	-118	-28	87	241	457
130	1820.00	lb	-71	-38	0	44	98	161	239	337	462	629	863
			-370	-336	-298	-253	-199	-136	-58	39	164	331	565
140	1960.00	lb	-35	0	41	89	147	215	299	404	539	719	971
			-334	-298	-256	-208	-150	-82	1	106	241	421	673
150	2100.00	lb	0	38	83	134	196	269	359	472	616	809	1079
			-298	-259	-215	-163	-101	-28	61	174	318	511	781

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
Cotton, B2/RRFlex Cotton, 8-row equipment, irrigated, alluvial soil, Louisiana, 2025.

			BREAKEVEN PRICE									
Cotton Lint			0.39	0.42	0.46	0.49	0.54	0.59	0.66	0.74	0.85	0.99	1.19
PERCENT	YIELD	UNIT	dollars										
50	700.00	lb	-260	-240	-217	-190	-158	-120	-74	-16	58	158	298
			-558	-538	-515	-488	-457	-418	-372	-314	-239	-139	0
60	840.00	lb	-204	-180	-153	-120	-82	-37	18	88	178	298	465
			-502	-478	-451	-418	-380	-335	-279	-209	-119	0	167
70	980.00	lb	-148	-120	-88	-51	-6	46	111	193	298	437	633
			-446	-418	-386	-349	-304	-251	-186	-104	0	139	335
80	1120.00	lb	-92	-61	-24	18	69	130	204	298	417	577	800
			-391	-359	-322	-279	-228	-167	-93	0	119	279	502
90	1260.00	lb	-37	-1	40	88	145	214	298	402	537	717	968
			-335	-299	-257	-209	-152	-83	0	104	239	418	670
100	1400.00	lb	18	58	104	158	221	298	391	507	657	856	1135
			-279	-239	-193	-139	-76	0	93	209	359	558	837
110	1540.00	lb	74	118	169	228	298	381	484	612	776	996	1303
			-223	-179	-128	-69	0	83	186	314	478	698	1005
120	1680.00	lb	130	178	233	298	374	465	577	717	896	1135	1471
			-167	-119	-64	0	76	167	279	418	598	837	1173
130	1820.00	lb	186	238	298	367	450	549	670	821	1016	1275	1638
			-111	-59	0	69	152	251	372	523	718	977	1340
140	1960.00	lb	242	298	362	437	526	633	763	926	1135	1415	1806
			-55	0	64	139	228	335	465	628	837	1117	1508
150	2100.00	lb	298	357	426	507	602	717	856	1031	1255	1554	1973
			0	59	128	209	304	418	558	733	957	1256	1675

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
Cotton, B2/RR Flex Cotton, 8-row equipment, irrigated, Macon Ridge Area, Louisiana, 2025.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (3 gal)	appl	7.50	5.0000	37.50	_________
App by Air (5 gal)	appl	8.05	1.0000	8.05	_________
HARVEST AIDS					
Dropp SC	oz	1.56	1.2000	1.87	_________
Prep	pt	3.84	1.3300	5.11	_________
Def/Folex	pt	9.75	0.7500	7.31	_________
FERTILIZERS					
LA Phosphate	lb	0.79	50.0000	39.50	_________
LA Potash	lb	0.38	60.0000	22.80	_________
LA Nitrogen	lb	0.52	90.0000	46.80	_________
HERBICIDES					
Roundup WeatherMax	oz	0.17	88.0000	14.96	_________
2,4-D Amine 4	pt	2.23	1.0000	2.23	_________
Valor WP	oz	1.63	1.5000	2.44	_________
Cotoran 4L	pt	6.88	1.2000	8.26	_________
Dual II Magnum	pt	10.00	1.0000	10.00	_________
Layby Pro	qt	3.87	1.0000	3.87	_________
INSECTICIDES					
Ammo 2.5 EC	oz	0.85	1.2800	1.09	_________
Dimethoate 4E	pt	8.51	0.4000	3.40	_________
Orthene 90S	lb	7.00	1.8000	12.60	_________
Centric 40WG	oz	7.29	4.0000	29.16	_________
Karate Z	oz	1.41	6.3900	9.01	_________
Bidrin 8L	oz	1.60	12.0000	19.20	_________
Diamond .83EC	pt	18.00	0.3750	6.75	_________
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	_________
SEED/PLANTS					
Cotton Seed BGII/RRF	thous	2.70	40.0000	108.00	_________
TECHNOLOGY FEE					
BGII/RRF Cot Tech Fe	cap/ac	62.69	1.0000	62.69	_________
Eradication Fee	acre	6.00	1.0000	6.00	_________
GROWTH REGULATORS					
Pix Plus	oz	1.36	24.0000	32.64	_________
SERVICE FEE					
Crop Consultant	acre	9.00	1.0000	9.00	_________
Digital Ag Fee	acre	10.00	1.0000	10.00	_________
Soil Test	acre	10.00	0.3300	3.30	_________
Cotton Checkoff	bale	2.56	2.0800	5.32	_________
OPERATOR LABOR					
Self-Propelled	hour	18.69	0.2887	5.40	_________
IRRIGATION LABOR					
Implements	hour	14.83	0.0062	0.09	_________
HAND LABOR					
Self-Propelled	hour	14.83	0.0352	0.52	_________
LA Hired Labor					
Implements	hour	14.83	0.1913	2.85	_________
Tractors	hour	14.83	1.0148	15.05	_________
Self-Propelled	hour	14.83	0.2182	3.24	_________
LA Irrigation Labor					
Special Labor	hour	14.83	0.1500	2.22	_________
DIESEL FUEL					
Tractors	gal	2.80	9.5201	26.65	_________
Self-Propelled	gal	2.80	6.3428	17.77	_________
Roll-Out Pipe Irr.	gal	2.80	8.5535	23.94	_________
REPAIR & MAINTENANCE					
Implements	Acre	12.53	1.0000	12.53	_________
Tractors	Acre	7.96	1.0000	7.96	_________
Self-Propelled	Acre	29.92	1.0000	29.92	_________
Roll-Out Pipe Irr.	Acre	7.16	1.0000	7.16	_________
INTEREST ON OP. CAP.	Acre	24.86	1.0000	24.86	_________

TOTAL DIRECT EXPENSES				716.93	_________
FIXED EXPENSES					
Implements	Acre	24.26	1.0000	24.26	_________
Tractors	Acre	61.62	1.0000	61.62	_________
Self-Propelled	Acre	145.97	1.0000	145.97	_________
Roll-Out Pipe Irr.	Acre	68.61	1.0000	68.61	_________

TOTAL FIXED EXPENSES				300.46	_________

TOTAL SPECIFIED EXPENSES				1017.39	_________

Table 3.B Estimated resource use and costs for field operations, per Acre
Cotton, B2/RR Flex Cotton, 8-row equipment,irrigated, Macon Ridge Area, Louisiana, 2025.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST DIRECT	POWER UNIT COST FIXED	EQUIPMENT COST DIRECT	EQUIPMENT COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING/DURABLE INPUT AMOUNT	OPERATING/DURABLE INPUT PRICE	OPERATING/DURABLE INPUT COST	TOTAL COST
						------------dollars-----------					dollars		---------dollars---------		
Disk Harrow	28'	MFWD 225	0.070	1.00	Sep	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
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Nov	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											60.0000	0.38	22.80	22.80
Disk Bed (Hipper)Fld	8R-38	MFWD 190	0.074	1.00	Nov	2.66	4.91	0.85	2.80	0.07	1.10				12.32
Row Cond (Harrow)	27'	MFWD 190	0.057	1.00	Nov	2.06	3.80	0.18	0.94	0.05	0.85				7.83
Roller	32'	MFWD 170	0.046	1.00	Nov	1.46	2.45	0.18	1.34	0.04	0.69				6.12
Ditcher		2WD 130	0.020	1.00	Nov	0.45	0.63	0.07	0.12	0.02	0.30				1.57
Sprayer(600-750Gal)	60'		0.017	1.00	Mar	0.71	1.63			0.02	0.46				2.80
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											1.5000	1.63	2.44	2.44
Plant & Pre Folding	8R-38	MFWD 170	0.080	1.00	Apr	2.51	4.21	2.37	5.71	0.16	2.38				17.18
Cotoran 4L	pt											1.2000	6.88	8.26	8.26
Cotton Seed BGII/RRF	thous											40.0000	2.70	108.00	108.00
Ammo 2.5 EC	oz											1.2800	0.85	1.09	1.09
BGII/RRF Cot Tech Fe	cap/ac											1.0000	62.69	62.69	62.69
Ditcher		2WD 130	0.020	1.00	Apr	0.45	0.63	0.07	0.12	0.02	0.30				1.57
Fert Appl (Liquid)	8R-38	MFWD 190	0.077	1.00	Apr	2.79	5.14	1.53	2.14	0.11	1.73				13.33
LA Nitrogen	lb											90.0000	0.52	46.80	46.80
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.71	1.63			0.02	0.46				2.80
Dimethoate 4E	pt											0.4000	8.51	3.40	3.40
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Dual II Magnum	pt											1.0000	10.00	10.00	10.00
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.71	1.63			0.02	0.46				2.80
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Sprayer(600-750Gal)	60'		0.017	1.00	Jun	0.71	1.63			0.02	0.46				2.80
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Orthene 90S	lb											0.6000	7.00	4.20	4.20
Centric 40WG	oz											2.0000	7.29	14.58	14.58
App by Air (3 gal)	appl			1.00	Jun							1.0000	7.50	7.50	7.50
Centric 40WG	oz											2.0000	7.29	14.58	14.58
Pix Plus	oz											12.0000	1.36	16.32	16.32
Spray (Direct/Layby)	8R-38	MFWD 170	0.066	1.00	Jun	2.09	3.51	0.61	0.92	0.10	1.49				8.62
Layby Pro	qt											1.0000	3.87	3.87	3.87
Eradication Fee	acre			1.00	Jul							1.0000	6.00	6.00	6.00
App by Air (3 gal)	appl			1.00	Jul							1.0000	7.50	7.50	7.50
Karate Z	oz											2.1300	1.41	3.00	3.00
Bidrin 8L	oz											6.0000	1.60	9.60	9.60
Pix Plus	oz											12.0000	1.36	16.32	16.32
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Karate Z	oz											2.1300	1.41	3.00	3.00
Bidrin 8L	oz											6.0000	1.60	9.60	9.60
Diamond .83EC	pt											0.3750	18.00	6.75	6.75
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Orthene 90S	lb											0.6000	7.00	4.20	4.20
Karate Z	oz											2.1300	1.41	3.00	3.00
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Orthene 90S	lb											0.6000	7.00	4.20	4.20
App by Air (5 gal)	appl			1.00	Sep							1.0000	8.05	8.05	8.05
Dropp SC	oz											1.2000	1.56	1.87	1.87
Prep	pt											1.3300	3.84	5.11	5.11
Def/Folex	pt											0.7500	9.75	7.31	7.31
Cotton Picker/Module	6R-30(500)		0.218	1.00	Sep	44.85	139.45			0.43	7.32				191.62
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Nov	2.24	3.47	3.17	2.39	0.08	1.22				12.49
Crop Consultant	acre			1.00	Nov							1.0000	9.00	9.00	9.00
Digital Ag Fee	acre			1.00	Nov							1.0000	10.00	10.00	10.00
Soil Test	acre											0.3300	10.00	3.30	3.30
Cotton Checkoff	bale			1.00	Nov							2.0800	2.56	5.32	5.32
Roll-Out Pipe Irr.	Acre				Jul	10.37	18.98	31.53	70.13	0.44	6.66	1.0000		7.92	145.59
TOTALS						82.30	207.59	43.63	92.87	1.90	29.37			536.77	992.53
INTEREST ON OPERATING CAPITAL															24.86
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1017.39

Table 3.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
Cotton, B2/RR Flex Cotton, 8-Row Equipment,Irrigated, Macon Ridge Area, Louisiana, 2025.

			BREAKEVEN PRICE										
Cotton Lint			0.29	0.31	0.34	0.37	0.40	0.44	0.49	0.55	0.63	0.74	0.89
PERCENT	YIELD	UNIT	dollars										
50	600.00	lb	-358	-345	-330	-313	-293	-268	-238	-201	-153	-89	0
			-658	-645	-631	-613	-593	-569	-539	-501	-454	-390	-300
60	720.00	lb	-322	-307	-289	-268	-244	-214	-179	-134	-76	0	107
			-622	-607	-589	-569	-544	-515	-479	-434	-377	-300	-192
70	840.00	lb	-286	-268	-248	-223	-195	-161	-119	-67	0	89	214
			-587	-569	-548	-524	-495	-461	-419	-367	-300	-210	-85
80	960.00	lb	-250	-230	-206	-179	-146	-107	-59	0	76	179	322
			-551	-530	-507	-479	-447	-407	-360	-300	-223	-121	21
90	1080.00	lb	-214	-191	-165	-134	-97	-53	0	67	153	268	429
			-515	-492	-465	-434	-398	-354	-300	-233	-146	-31	129
100	1200.00	lb	-179	-153	-124	-89	-48	0	59	134	230	358	537
			-479	-454	-424	-390	-349	-300	-240	-166	-70	57	236
110	1320.00	lb	-143	-115	-82	-44	0	53	119	201	307	447	644
			-443	-415	-383	-345	-300	-246	-181	-98	6	147	344
120	1440.00	lb	-107	-76	-41	0	48	107	179	268	383	537	752
			-407	-377	-341	-300	-251	-192	-121	-31	83	236	451
130	1560.00	lb	-71	-38	0	44	97	161	238	335	460	626	859
			-372	-338	-300	-255	-202	-139	-61	35	160	326	559
140	1680.00	lb	-35	0	41	89	146	214	298	403	537	716	967
			-336	-300	-259	-210	-153	-85	-1	102	236	416	666
150	1800.00	lb	0	38	82	134	195	268	358	470	614	806	1074
			-300	-262	-217	-166	-105	-31	57	169	313	505	774

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
Cotton, B2/RR Flex Cotton, 8-Row Equipment,Irrigated, Macon Ridge Area, Louisiana, 2025.

			BREAKEVEN PRICE										
Cotton Lint			0.46	0.49	0.53	0.58	0.63	0.69	0.77	0.87	0.99	1.16	1.39
PERCENT	YIELD	UNIT	dollars										
50	600.00	lb	-258	-238	-215	-188	-156	-118	-71	-13	61	160	300
			-558	-538	-515	-488	-457	-418	-372	-314	-239	-139	0
60	720.00	lb	-202	-178	-150	-118	-80	-34	21	90	180	300	468
			-502	-478	-451	-418	-380	-335	-279	-209	-119	0	167
70	840.00	lb	-146	-118	-86	-48	-4	49	114	195	300	440	635
			-446	-418	-386	-349	-304	-251	-186	-104	0	139	335
80	960.00	lb	-90	-58	-21	21	71	132	207	300	420	579	803
			-391	-359	-322	-279	-228	-167	-93	0	119	279	502
90	1080.00	lb	-34	1	42	90	148	216	300	405	539	719	970
			-335	-299	-257	-209	-152	-83	0	104	239	418	670
100	1200.00	lb	21	61	107	160	224	300	393	509	659	859	1138
			-279	-239	-193	-139	-76	0	93	209	359	558	837
110	1320.00	lb	77	120	171	230	300	384	486	614	779	998	1305
			-223	-179	-128	-69	0	83	186	314	478	698	1005
120	1440.00	lb	132	180	236	300	376	468	579	719	898	1138	1473
			-167	-119	-64	0	76	167	279	418	598	837	1173
130	1560.00	lb	188	240	300	370	452	551	672	824	1018	1277	1641
			-111	-59	0	69	152	251	372	523	718	977	1340
140	1680.00	lb	244	300	364	440	528	635	765	928	1138	1417	1808
			-55	0	64	139	228	335	465	628	837	1117	1508
150	1800.00	lb	300	360	429	509	605	719	859	1033	1258	1557	1976
			0	59	128	209	304	418	558	733	957	1256	1675

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
Cotton, B2/RRFlex Cotton, 12-row equipment,irrigated, Alluvial Soil, Louisiana, 2025.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (3 gal)	appl	7.50	5.0000	37.50	________
App by Air (5 gal)	appl	8.05	1.0000	8.05	________
HARVEST AIDS					
Dropp SC	oz	1.56	1.2000	1.87	________
Prep	pt	3.84	1.3300	5.11	________
Def/Folex	pt	9.75	0.7500	7.31	________
FERTILIZERS					
LA Phosphate	lb	0.79	60.0000	47.40	________
LA Potash	lb	0.38	60.0000	22.80	________
LA Nitrogen	lb	0.52	90.0000	46.80	________
HERBICIDES					
Roundup WeatherMax	oz	0.17	88.0000	14.96	________
2,4-D Amine 4	pt	2.23	1.0000	2.23	________
Valor WP	oz	1.63	1.5000	2.44	________
Cotoran 4L	pt	6.88	1.2000	8.26	________
Dual II Magnum	pt	10.00	1.0000	10.00	________
Layby Pro	qt	3.87	1.0000	3.87	________
INSECTICIDES					
Ammo 2.5 EC	oz	0.85	1.2800	1.09	________
Dimethoate 4E	pt	8.51	0.4000	3.40	________
Orthene 90S	lb	7.00	1.8000	12.60	________
Centric 40WG	oz	7.29	4.0000	29.16	________
Karate Z	oz	1.41	6.3900	9.01	________
Bidrin 8L	oz	1.60	12.0000	19.20	________
Diamond .83EC	pt	18.00	0.7500	13.50	________
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	________
SEED/PLANTS					
Cotton Seed BGII/RRF	thous	2.70	40.0000	108.00	________
TECHNOLOGY FEE					
BGII/RRF Cot Tech Fe	cap/ac	62.69	1.0000	62.69	________
Eradication Fee	acre	6.00	1.0000	6.00	________
GROWTH REGULATORS					
Pix Plus	oz	1.36	24.0000	32.64	________
SERVICE FEE					
Crop Consultant	acre	9.00	1.0000	9.00	________
Digital Ag Fee	acre	10.00	1.0000	10.00	________
Soil Test	acre	10.00	0.3300	3.30	________
Cotton Checkoff	bale	2.56	2.2900	5.86	________
OPERATOR LABOR					
Self-Propelled	hour	18.69	0.2887	5.40	________
IRRIGATION LABOR					
Implements	hour	14.83	0.0062	0.09	________
HAND LABOR					
Self-Propelled	hour	14.83	0.0352	0.52	________
LA Hired Labor					
Implements	hour	14.83	0.1273	1.88	________
Tractors	hour	14.83	0.8276	12.28	________
Self-Propelled	hour	14.83	0.2182	3.24	________
LA Irrigation Labor					
Special Labor	hour	14.83	0.1500	2.22	________
DIESEL FUEL					
Tractors	gal	2.80	8.0625	22.56	________
Self-Propelled	gal	2.80	6.3428	17.77	________
Roll-Out Pipe Irr.	gal	2.80	8.5535	23.94	________
REPAIR & MAINTENANCE					
Implements	Acre	11.25	1.0000	11.25	________
Tractors	Acre	6.80	1.0000	6.80	________
Self-Propelled	Acre	29.92	1.0000	29.92	________
Roll-Out Pipe Irr.	Acre	7.16	1.0000	7.16	________
INTEREST ON OP. CAP.	Acre	24.78	1.0000	24.78	________

TOTAL DIRECT EXPENSES				721.77	________
FIXED EXPENSES					
Implements	Acre	22.24	1.0000	22.24	________
Tractors	Acre	52.56	1.0000	52.56	________
Self-Propelled	Acre	145.97	1.0000	145.97	________
Roll-Out Pipe Irr.	Acre	68.61	1.0000	68.61	________

TOTAL FIXED EXPENSES				289.38	________

TOTAL SPECIFIED EXPENSES				1011.15	________

Table 4.B Estimated resource use and costs for field operations, per Acre
Cotton, B2/RRFlex Cotton, 12-row equipment,irrigated, Alluvial Soil, Louisiana, 2025.

OPERATION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF RATE	TIMES OVER	MTH	POWER UNIT COST DIRECT	POWER UNIT COST FIXED	EQUIPMENT COST DIRECT	EQUIPMENT COST FIXED	ALLOC LABOR HOURS	ALLOC LABOR COST	OPERATING/DURABLE INPUT AMOUNT	OPERATING/DURABLE INPUT PRICE	OPERATING/DURABLE INPUT COST	TOTAL COST
						------------dollars-----------					dollars		---------dollars---------		
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
Paratill & Bed Fold.	12R-38	MFWD 225	0.053	0.50	Nov	1.14	2.12	0.66	1.47	0.02	0.40				5.79
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	1.00	Nov	2.21	4.09	1.07	1.50	0.07	1.15				10.02
LA Phosphate	lb											60.0000	0.79	47.40	47.40
LA Potash	lb											60.0000	0.38	22.80	22.80
Disk Bed (Hipper)	12R-38	MFWD 225	0.049	1.00	Nov	2.10	3.90	1.41	4.65	0.04	0.73				12.79
Row Cond (Harrow)	38'	MFWD 225	0.039	1.00	Nov	1.67	3.11	0.22	1.15	0.03	0.58				6.73
Roller	32'	MFWD 170	0.046	1.00	Nov	1.46	2.45	0.18	1.34	0.04	0.69				6.12
Ditcher		2WD 130	0.020	1.00	Nov	0.45	0.63	0.07	0.12	0.02	0.30				1.57
Sprayer(600-750Gal)	60'		0.017	1.00	Mar	0.71	1.63			0.02	0.46				2.80
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											1.5000	1.63	2.44	2.44
Plant & Pre Folding	12R-38	MFWD 190	0.053	1.00	Apr	1.92	3.54	2.22	5.37	0.10	1.58				14.63
Cotoran 4L	pt											1.2000	6.88	8.26	8.26
Cotton Seed BGII/RRF	thous											40.0000	2.70	108.00	108.00
Ammo 2.5 EC	oz											1.2800	0.85	1.09	1.09
BGII/RRF Cot Tech Fe	cap/ac											1.0000	62.69	62.69	62.69
Ditcher		2WD 130	0.020	1.00	Apr	0.45	0.63	0.07	0.12	0.02	0.30				1.57
Fert Appl (Liquid)	12R-38	MFWD 225	0.051	1.00	Apr	2.21	4.09	1.07	1.50	0.07	1.15				10.02
LA Nitrogen	lb											90.0000	0.52	46.80	46.80
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.71	1.63			0.02	0.46				2.80
Dimethoate 4E	pt											0.4000	8.51	3.40	3.40
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Dual II Magnum	pt											1.0000	10.00	10.00	10.00
Sprayer(600-750Gal)	60'		0.017	1.00	May	0.71	1.63			0.02	0.46				2.80
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Sprayer(600-750Gal)	60'		0.017	1.00	Jun	0.71	1.63			0.02	0.46				2.80
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Orthene 90S	lb											0.6000	7.00	4.20	4.20
Centric 40WG	oz											2.0000	7.29	14.58	14.58
App by Air (3 gal)	appl			1.00	Jun							1.0000	7.50	7.50	7.50
Centric 40WG	oz											2.0000	7.29	14.58	14.58
Pix Plus	oz											12.0000	1.36	16.32	16.32
Spray (Direct/Layby)	12R-38	MFWD 170	0.044	1.00	Jun	1.39	2.34	0.62	0.92	0.06	0.99				6.26
Layby Pro	qt											1.0000	3.87	3.87	3.87
Eradication Fee	acre			1.00	Jul							1.0000	6.00	6.00	6.00
App by Air (3 gal)	appl			1.00	Jul							1.0000	7.50	7.50	7.50
Karate Z	oz											2.1300	1.41	3.00	3.00
Bidrin 8L	oz											6.0000	1.60	9.60	9.60
Pix Plus	oz											12.0000	1.36	16.32	16.32
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Karate Z	oz											2.1300	1.41	3.00	3.00
Bidrin 8L	oz											6.0000	1.60	9.60	9.60
Diamond .83EC	pt											0.3750	18.00	6.75	6.75
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Orthene 90S	lb											0.6000	7.00	4.20	4.20
Karate Z	oz											2.1300	1.41	3.00	3.00
Diamond .83EC	pt											0.3750	18.00	6.75	6.75
App by Air (3 gal)	appl			1.00	Aug							1.0000	7.50	7.50	7.50
Orthene 90S	lb											0.6000	7.00	4.20	4.20
App by Air (5 gal)	appl			1.00	Sep							1.0000	8.05	8.05	8.05
Dropp SC	oz											1.2000	1.56	1.87	1.87
Prep	pt											1.3300	3.84	5.11	5.11
Def/Folex	pt											0.7500	9.75	7.31	7.31
Cotton Picker/Module	6R-30(500)		0.218	1.00	Sep	44.85	139.45			0.43	7.32				191.62
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Nov	2.24	3.47	3.17	2.39	0.08	1.22				12.49
Crop Consultant	acre			1.00	Nov							1.0000	9.00	9.00	9.00
Digital Ag Fee	acre			1.00	Nov							1.0000	10.00	10.00	10.00
Soil Test	acre											0.3300	10.00	3.30	3.30
Cotton Checkoff	bale			1.00	Nov							2.2900	2.56	5.86	5.86
Roll-Out Pipe Irr.	Acre				Jul	10.37	18.98	31.53	70.13	0.44	6.66	1.0000		7.92	145.59
TOTALS						77.05	198.53	42.35	90.85	1.65	25.63			551.96	986.37
INTEREST ON OPERATING CAPITAL															24.78
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															1011.15

Table 4.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
Cotton, B2/RRFlex Cotton, 12-row equipment,irrigated, Alluvial Soil, Louisiana, 2025.

			BREAKEVEN PRICE										
Cotton Lint			0.24	0.26	0.28	0.30	0.33	0.36	0.40	0.45	0.52	0.60	0.73
PERCENT	YIELD	UNIT	dollars										
50	700.00	lb	-341	-329	-315	-298	-279	-256	-227	-192	-146	-85	0
			-630	-618	-604	-588	-568	-545	-517	-481	-435	-374	-289
60	840.00	lb	-307	-292	-275	-256	-232	-204	-170	-128	-73	0	102
			-596	-582	-565	-545	-522	-494	-460	-417	-362	-289	-186
70	980.00	lb	-273	-256	-236	-213	-186	-153	-113	-64	0	85	204
			-562	-545	-525	-502	-475	-443	-403	-353	-289	-203	-84
80	1120.00	lb	-239	-219	-197	-170	-139	-102	-56	0	73	170	307
			-528	-508	-486	-460	-429	-391	-346	-289	-216	-118	18
90	1260.00	lb	-204	-182	-157	-128	-93	-51	0	64	146	256	409
			-494	-472	-447	-417	-382	-340	-289	-225	-143	-33	120
100	1400.00	lb	-170	-146	-118	-85	-46	0	56	128	219	341	512
			-460	-435	-407	-374	-335	-289	-232	-161	-69	52	222
110	1540.00	lb	-136	-109	-78	-42	0	51	113	192	292	426	614
			-426	-399	-368	-332	-289	-238	-175	-97	3	137	325
120	1680.00	lb	-102	-73	-39	0	46	102	170	256	365	512	717
			-391	-362	-328	-289	-242	-186	-118	-33	76	222	427
130	1820.00	lb	-68	-36	0	42	93	153	227	320	439	597	819
			-357	-325	-289	-246	-196	-135	-61	30	149	308	530
140	1960.00	lb	-34	0	39	85	139	204	284	384	512	683	922
			-323	-289	-249	-203	-149	-84	-4	94	222	393	632
150	2100.00	lb	0	36	78	128	186	256	341	448	585	768	1024
			-289	-252	-210	-161	-103	-33	52	158	296	479	735

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
Cotton, B2/RRFlex Cotton, 12-row equipment,irrigated, Alluvial Soil, Louisiana, 2025.

			BREAKEVEN PRICE										
Cotton Lint			0.38	0.40	0.44	0.47	0.52	0.57	0.63	0.71	0.81	0.95	1.14
PERCENT	YIELD	UNIT	dollars										
50	700.00	lb	-245	-226	-203	-178	-147	-111	-66	-11	60	155	289
			-534	-515	-493	-467	-437	-400	-356	-300	-229	-133	0
60	840.00	lb	-191	-168	-142	-111	-75	-31	22	88	174	289	449
			-481	-458	-431	-400	-364	-320	-267	-200	-114	0	160
70	980.00	lb	-138	-111	-80	-44	-2	48	111	189	289	422	610
			-427	-400	-370	-334	-291	-240	-178	-100	0	133	320
80	1120.00	lb	-84	-54	-18	22	70	129	200	289	403	556	770
			-374	-343	-308	-267	-218	-160	-89	0	114	267	481
90	1260.00	lb	-31	3	42	88	143	209	289	389	518	690	930
			-320	-286	-246	-200	-145	-80	0	100	229	400	641
100	1400.00	lb	22	60	104	155	216	289	378	489	632	823	1091
			-267	-229	-185	-133	-72	0	89	200	343	534	801
110	1540.00	lb	75	117	166	222	289	369	467	590	747	957	1251
			-213	-171	-123	-66	0	80	178	300	458	668	962
120	1680.00	lb	129	174	227	289	362	449	556	690	862	1091	1411
			-160	-114	-61	0	72	160	267	400	572	801	1122
130	1820.00	lb	182	232	289	356	435	529	645	790	976	1224	1572
			-106	-57	0	66	145	240	356	501	687	935	1282
140	1960.00	lb	235	289	351	422	508	610	734	890	1091	1358	1732
			-53	0	61	133	218	320	445	601	801	1068	1443
150	2100.00	lb	289	346	412	489	580	690	823	990	1205	1491	1892
			0	57	123	200	291	400	534	701	916	1202	1603

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
Solium 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
Glyfos	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
Guardsman	pt	4.66
Guardsman 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"255hp	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---- Imp.	P.U.	Total Direct	--Fixed--- Imp.	P.U.	Total Cost
			dollars	hours	years	hr/ac	---------------------$/acre---------------------							
Blade-Box	6'	2WD 130	2,070	200	20	0.020	0.29	0.46	0.01	0.08	0.86	0.02	0.63	1.51
Blade-Box	10'	2WD 50	3,890	200	20	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Blade-Box	14'	2WD 50	6,190	200	20	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Blade-Scraper	6'	2WD 50	1,270	200	20	1.176	17.09	10.59	0.70	1.03	29.43	0.76	7.73	37.93
Blade-Scraper	10'	2WD 50	3,870	200	20	1.176	17.09	10.59	2.16	1.03	30.88	2.33	7.73	40.95
Blade-Scraper	14'	2WD 50	10,790	200	20	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Boll Buggy-1st Pick	2R38"157hp	MFWD 190	30,500	200	10	0.519	7.55	17.78	3.96	3.99	33.29	10.20	30.89	74.39
Boll Buggy-1st pick	4R2x1260hp	MFWD 190	30,500	200	10	0.172	2.50	5.89	1.31	1.32	11.04	3.38	10.24	24.67
Boll Buggy-1st pick	4R30"255hp	MFWD 190	30,500	200	10	0.327	4.75	11.20	2.49	2.51	20.97	6.43	19.46	46.87
Boll Buggy-1st pick	4R30"325hp	MFWD 190	30,500	200	10	0.327	4.75	11.20	2.49	2.51	20.97	6.43	19.46	46.87
Boll Buggy-1st pick	4R38"255hp	MFWD 190	30,500	200	10	0.257	3.74	8.82	1.96	1.98	16.51	5.06	15.32	36.90
Boll Buggy-1st pick	4R38"325hp	MFWD 190	30,500	200	10	0.257	3.74	8.82	1.96	1.98	16.51	5.06	15.32	36.90
Boll Buggy-1st pick	5R30"255hp	MFWD 190	30,500	200	10	0.261	3.80	8.96	1.99	2.01	16.78	5.14	15.57	37.49
Boll Buggy-1st pick	5R38"255hp	MFWD 190	30,500	200	10	0.207	3.01	7.09	1.57	1.59	13.27	4.07	12.31	29.66
Boll Buggy-1st pick	6R30"325hp	MFWD 190	30,500	200	10	0.218	3.17	7.47	1.66	1.67	13.98	4.28	12.97	31.24
Boll Buggy-1st pick	6R38"325hp	MFWD 190	30,500	200	10	0.172	2.50	5.89	1.31	1.32	11.04	3.38	10.24	24.67
Boll Buggy-2nd pick	2R38"157hp	MFWD 190	30,500	200	10	0.440	6.39	15.06	3.35	3.38	28.20	8.64	26.17	63.02
Boll Buggy-2nd pick	4R2x1260hp	MFWD 190	30,500	200	10	0.145	2.12	4.99	1.11	1.12	9.35	2.86	8.67	20.89
Boll Buggy-2nd pick	4R30"255hp	MFWD 190	30,500	200	10	0.277	4.02	9.49	2.11	2.13	17.76	5.44	16.48	39.70
Boll Buggy-2nd pick	4R30"325hp	MFWD 190	30,500	200	10	0.277	4.02	9.49	2.11	2.13	17.76	5.44	16.48	39.70
Boll Buggy-2nd pick	4R38 255hp	MFWD 190	30,500	200	10	0.218	3.17	7.47	1.66	1.67	13.99	4.28	12.98	31.26
Boll Buggy-2nd pick	4R38 325hp	MFWD 190	30,500	200	10	0.218	3.17	7.47	1.66	1.67	13.99	4.28	12.98	31.26
Boll Buggy-2nd pick	5R30"255hp	MFWD 190	30,500	200	10	0.221	3.22	7.59	1.69	1.70	14.21	4.35	13.19	31.76
Boll Buggy-2nd pick	5R38"255hp	MFWD 190	30,500	200	10	0.175	2.55	6.00	1.33	1.34	11.24	3.44	10.43	25.12
Boll Buggy-2nd pick	6R30"325hp	MFWD 190	30,500	200	10	0.184	2.68	6.32	1.40	1.42	11.84	3.63	10.99	26.46
Boll Buggy-2nd pick	6R38"325hp	MFWD 190	30,500	200	10	0.145	2.12	4.99	1.11	1.12	9.35	2.86	8.67	20.89
Boll Buggy-Stripper	13' Bcast	MFWD 150	30,500	200	10	0.251	3.65	6.80	1.92	1.34	13.73	4.94	10.07	28.75
Boll Buggy-Stripper	16' Bcast	MFWD 150	30,500	200	10	0.204	2.97	5.52	1.56	1.09	11.15	4.01	8.18	23.36
Boll Buggy-Stripper	19' Bcast	MFWD 150	30,500	200	10	0.172	2.50	4.65	1.31	0.92	9.39	3.38	6.89	19.67
Boll Buggy-Stripper	4R30"2X1Br	MFWD 150	30,500	200	10	0.218	3.17	5.89	1.66	1.16	11.89	4.28	8.73	24.91
Boll Buggy-Stripper	4R30"Brush	MFWD 150	30,500	200	10	0.327	4.75	8.84	2.49	1.74	17.84	6.43	13.09	37.38
Boll Buggy-Stripper	4R38"2X1Br	MFWD 150	30,500	200	10	0.172	2.50	4.65	1.31	0.92	9.39	3.38	6.89	19.67
Boll Buggy-Stripper	4R38"Brush	MFWD 150	30,500	200	10	0.257	3.74	6.96	1.96	1.37	14.05	5.06	10.31	29.43
Boll Buggy-Stripper	5R30"Brush	MFWD 150	30,500	200	10	0.261	3.80	7.07	1.99	1.39	14.27	5.14	10.47	29.90
Boll Buggy-Stripper	5R38"Brush	MFWD 150	30,500	200	10	0.207	3.01	5.59	1.57	1.10	11.29	4.07	8.29	23.65
Boll Buggy-Stripper	6R30"Brush	MFWD 150	30,500	200	10	0.218	3.17	5.89	1.66	1.16	11.89	4.28	8.73	24.91
Chisel Plow(Folding)	16'	2WD 130	22,500	150	12	0.115	1.67	2.70	0.93	0.48	5.81	2.09	3.66	11.56
Chisel Plow(Folding)	24'	MFWD 190	57,300	150	12	0.076	1.11	2.61	1.58	0.58	5.89	3.52	4.54	13.97
Chisel Plow(Folding)	32'	MFWD 225	72,800	150	12	0.057	0.83	2.34	1.51	0.55	5.25	3.38	4.31	12.95
Chisel Plow(Folding)	42'	MFWD 225	86,400	150	12	0.044	0.63	1.78	1.37	0.42	4.22	3.06	3.28	10.57
Chisel Plow(Rigid)	15'	2WD 130	20,300	150	12	0.123	1.79	2.88	0.90	0.52	6.10	2.01	3.90	12.02
Chisel Plow(Rigid)	24'	MFWD 190	16,000	150	12	0.077	1.11	2.63	0.44	0.59	4.79	0.99	4.57	10.36
Chisel-Harrow	21 shank	2WD 190	6,750	150	12	0.088	1.27	3.01	0.21	0.39	4.90	0.47	3.04	8.42
Chisel-Harrow	27 shank	MFWD 225	14,100	150	12	0.068	0.99	2.77	0.34	0.66	4.78	0.77	5.11	10.67
Colter-Chisel-Harrow	21 shank	2WD 190	19,200	150	12	0.088	1.27	3.01	0.61	0.39	5.29	1.36	3.04	9.70
Colter-Chisel-Harrow	27 shank	MFWD 225	24,000	150	12	0.068	0.99	2.77	0.59	0.66	5.02	1.32	5.11	11.46
Corn Grain Cart 8R30	500 bu	MFWD 190	35,100	200	12	0.031	0.46	1.09	0.30	0.24	2.10	0.67	1.89	4.68
Corn Grain Cart 8R40	700bu	MFWD 190	51,600	200	12	0.025	0.36	0.85	0.34	0.19	1.76	0.77	1.48	4.02
Cult & Post	4R-38	2WD 105	27,300	150	10	0.173	3.77	3.27	1.26	0.45	8.76	4.16	3.40	16.34
Cult & Post	6R-30	MFWD 150	33,900	150	10	0.146	6.39	3.96	1.32	0.78	12.46	4.38	5.86	22.71
Cult & Post	6R-38	MFWD 150	33,800	150	10	0.115	2.52	3.12	1.04	0.61	7.31	3.44	4.63	15.39
Cult & Post	8R-30	MFWD 190	44,200	150	10	0.110	2.39	3.76	1.29	0.84	8.30	4.28	6.54	19.12
Cult & Post	8R-38	MFWD 190	44,100	150	10	0.086	1.89	2.97	1.02	0.66	6.56	3.37	5.17	15.11
Cult & Post	8R-38 2x1	MFWD 190	64,900	150	10	0.057	1.26	1.98	1.00	0.44	4.69	3.31	3.44	11.44
Cult & Post	10R-30	MFWD 225	32,000	150	10	0.088	1.91	3.56	0.75	0.84	7.08	2.48	6.57	16.13
Cult & Post	10R-38	MFWD 225	0	150	10	0.065	1.41	2.63	0.00	0.62	4.68	0.00	4.85	9.54
Cult & Post	12R-30	MFWD 225	67,800	150	10	0.073	1.59	2.97	1.32	0.70	6.60	4.38	5.47	16.46
Cult & Post	12R-38	MFWD 225	64,900	150	10	0.057	1.26	2.34	1.00	0.55	5.16	3.31	4.32	12.80
Cultipacker	12'	2WD 130	6,720	300	12	0.124	1.80	2.91	0.19	0.52	5.44	0.34	3.94	9.73
Cultipacker	20'	MFWD 150	10,900	300	12	0.074	1.08	2.01	0.19	0.39	3.69	0.33	2.98	7.01
Cultivate	4R-38	2WD 105	21,500	150	10	0.162	2.35	3.07	0.93	0.42	6.78	3.07	3.19	13.05
Cultivate	6R-30	MFWD 150	28,100	150	10	0.137	1.99	3.71	1.03	0.73	7.47	3.40	5.50	16.38
Cultivate	6R-38	MFWD 150	28,000	150	10	0.108	1.57	2.93	0.81	0.58	5.90	2.67	4.34	12.92
Cultivate	8R-30	MFWD 190	38,400	150	10	0.103	1.49	3.53	1.05	0.79	6.87	3.48	6.13	16.49
Cultivate	8R-38	MFWD 190	39,800	150	10	0.081	1.18	2.79	0.86	0.62	5.46	2.85	4.84	13.17
Cultivate	8R-38 2x1	MFWD 190	59,000	150	10	0.054	0.78	1.85	0.85	0.41	3.91	2.82	3.22	9.96
Cultivate	10R-30	MFWD 225	28,200	150	10	0.082	1.19	3.34	0.62	0.79	5.95	2.05	6.16	14.17
Cultivate	10R-38	MFWD 225	0	150	10	0.065	0.94	2.63	0.00	0.62	4.21	0.00	4.85	9.06
Cultivate	12R-30	MFWD 225	62,000	150	10	0.068	0.99	2.78	1.13	0.66	5.58	3.75	5.13	14.47
Cultivate	12R-38	MFWD 225	59,100	150	10	0.054	0.78	2.20	0.85	0.52	4.36	2.82	4.05	11.24
Disk & Incorporate	14'	2WD 130	45,300	200	10	0.149	3.26	3.50	2.03	0.63	9.43	4.48	4.74	18.65
Disk & Incorporate	24'	MFWD 190	77,700	200	10	0.087	1.90	2.98	2.03	0.67	7.59	4.48	5.19	17.27
Disk & Incorporate	32'	4WD 225	95,100	200	10	0.068	1.49	2.78	1.96	0.31	6.56	4.32	2.44	13.32
Disk & Incorporate	42'	MFWD 225	30,542	200	10	0.049	1.07	1.99	0.44	0.47	3.98	0.99	3.66	8.64
Disk Bed (Hipper)	4R-38	MFWD 150	15,700	160	10	0.147	2.14	3.98	0.57	0.78	7.50	1.91	5.90	15.32
Disk Bed (Hipper)	6R-30	MFWD 170	23,900	160	10	0.125	1.81	3.82	0.74	0.78	7.17	2.46	6.07	15.71
Disk Bed (Hipper)	6R-38	MFWD 170	23,900	160	10	0.098	1.43	3.02	0.58	0.61	5.66	1.94	4.79	12.40
Disk Bed (Hipper)	8R-30	MFWD 190	33,100	160	10	0.093	1.36	3.20	0.77	0.72	6.06	2.56	5.57	14.20
Disk Bed (Hipper)	8R-38 2x1	MFWD 190	114,000	160	10	0.049	0.71	1.68	1.40	0.37	4.19	4.64	2.93	11.77
Disk Bed (Hipper)	10R-30	MFWD 225	19,900	160	10	0.075	1.08	3.04	0.37	0.72	5.22	1.23	5.60	12.06
Disk Bed (Hipper)	10R-38	MFWD 225	23,100	160	10	0.059	0.85	2.39	0.34	0.57	4.16	1.12	4.41	9.71
Disk Bed (Hipper)	12R-30	MFWD 225	87,500	160	10	0.062	0.90	2.53	1.36	0.60	5.41	4.51	4.66	14.59

Appendix Table 6. Implements: estimated purchase price, annual use, useful life, performance rate,
(Continued) 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---- Imp.	P.U.	Total Direct	--Fixed--- Imp.	P.U.	Total Cost
			dollars	hours	years	hr/ac	---------------------$/acre							--------------------
Disk Bed (Hipper)	12R-38	MFWD 225	114,000	160	10	0.049	0.71	1.99	1.40	0.47	4.59	4.64	3.68	12.93
Disk Bed (Hipper)Fld	8R-38	MFWD 190	45,800	160	10	0.074	1.07	2.53	0.84	0.56	5.03	2.80	4.40	12.24
Disk Bed (Hipper)Rdg	8R-38	MFWD 190	36,100	160	10	0.074	1.07	2.53	0.66	0.56	4.85	2.21	4.40	11.46
Disk Bed w/roller	8R-30	2WD 190	40,100	160	10	0.093	1.36	3.20	0.93	0.41	5.92	3.10	3.24	12.27
Disk Bed w/roller	12R-30	MFWD 225	76,000	160	10	0.062	0.90	2.53	1.18	0.60	5.23	3.92	4.66	13.82
Disk Harrow	14'	2WD 130	39,400	180	10	0.140	2.03	3.28	1.53	0.59	7.45	4.05	4.44	15.95
Disk Harrow	24'	MFWD 190	71,900	180	10	0.081	1.18	2.80	1.63	0.62	6.25	4.32	4.86	15.44
Disk Harrow	28'	MFWD 225	74,700	180	10	0.070	1.01	2.84	1.45	0.67	5.99	3.84	5.23	15.08
Disk Harrow	32'		89,300	180	10	0.061	1.10	0.00	1.52	0.00	0.00	4.02	0.00	0.00
Disk Harrow	42'	MFWD 225	145,000	180	10	0.046	0.67	1.89	1.88	0.45	4.91	4.98	3.49	13.38
Ditcher		2WD 130	8,760	200	10	0.020	0.29	0.46	0.07	0.08	0.91	0.11	0.63	1.66
Ditcher (1m/160a)		2WD 130	8,760	200	10	0.009	0.13	0.21	0.03	0.03	0.42	0.05	0.29	0.77
Fert Appl (Liquid)	4R-38	MFWD 150	25,400	150	8	0.154	3.37	4.17	2.61	0.82	10.99	3.67	6.18	20.86
Fert Appl (Liquid)	6R-30	MFWD 170	25,300	150	8	0.130	2.85	4.01	2.20	0.82	9.89	3.10	6.36	19.35
Fert Appl (Liquid)	6R-38	MFWD 170	25,300	150	8	0.103	2.25	3.16	1.74	0.64	7.81	2.44	5.02	15.28
Fert Appl (Liquid)	8R-30	MFWD 190	26,300	150	8	0.098	2.14	3.36	1.72	0.75	7.97	2.41	5.83	16.23
Fert Appl (Liquid)	8R-38	MFWD 190	29,500	150	8	0.077	1.69	2.65	1.52	0.59	6.47	2.14	4.61	13.23
Fert Appl (Liquid)	8R-38 2x1	MFWD 190	32,900	150	8	0.051	1.12	1.76	1.13	0.39	4.42	1.59	3.07	9.09
Fert Appl (Liquid)	10R-30	MFWD 225	18,600	150	8	0.078	1.71	3.18	0.97	0.75	6.63	1.36	5.86	13.86
Fert Appl (Liquid)	10R-38	MFWD 225	20,300	150	8	0.061	1.35	2.51	0.83	0.59	5.29	1.17	4.62	11.10
Fert Appl (Liquid)	12R-30	MFWD 225	30,600	150	8	0.078	1.71	3.18	1.60	0.75	7.25	2.25	5.86	15.37
Fert Appl (Liquid)	12R-38	MFWD 225	31,100	150	8	0.051	1.12	2.09	1.07	0.49	4.79	1.50	3.86	10.15
Field Cultivate	12'	2WD 150	23,000	100	10	0.124	1.80	3.36	0.71	0.53	6.42	3.78	4.00	14.20
Field Cultivate	24'	MFWD 170	38,600	100	10	0.062	0.90	1.90	0.60	0.39	3.80	3.17	3.02	9.99
Field Cultivate	32'	MFWD 190	61,400	100	10	0.046	0.67	1.59	0.71	0.35	3.35	3.78	2.77	9.91
Field Cultivate	42'	MFWD 225	80,900	100	10	0.035	0.51	1.44	0.71	0.34	3.01	3.80	2.65	9.47
Field Cultivate	50'	MFWD 225	82,900	100	10	0.029	0.43	1.21	0.61	0.28	2.55	3.27	2.23	8.05
Gate Installer		2WD 130	2,960	10	10	0.020	0.58	0.46	0.17	0.08	1.31	0.76	0.63	2.70
Grain Drill	12'	2WD 130	51,400	150	8	0.157	4.56	3.68	3.02	0.66	11.94	7.31	4.97	24.23
Grain Drill	15'	MFWD 150	46,800	150	8	0.125	3.65	3.39	2.20	0.67	9.92	5.32	5.03	20.28
Grain Drill	20'	MFWD 170	53,500	150	8	0.094	2.74	2.88	1.89	0.59	8.11	4.56	4.58	17.25
Grain Drill	24'	MFWD 190	80,300	150	8	0.078	2.28	2.68	2.36	0.60	7.94	5.71	4.67	18.32
Grain Drill	30'	MFWD 225	96,600	150	8	0.062	1.82	2.54	2.27	0.60	7.25	5.49	4.69	17.45
Grain Drill & Pre	12'	2WD 130	57,200	150	8	0.169	4.91	3.96	3.62	0.71	13.22	8.76	5.36	27.35
Grain Drill & Pre	15'	MFWD 150	52,600	150	8	0.135	3.93	3.65	2.67	0.72	10.98	6.44	5.41	22.85
Grain Drill & Pre	20'	MFWD 170	59,300	150	8	0.101	2.95	3.10	2.25	0.63	8.95	5.45	4.93	19.33
Grain Drill & Pre	24'	MFWD 190	86,100	150	8	0.084	2.45	2.89	2.73	0.65	8.73	6.59	5.03	20.36
Grain Drill & Pre	30'	MFWD 225	102,000	150	8	0.067	1.96	2.74	2.58	0.65	7.95	6.25	5.05	19.25
Harrow	13'	2WD 130	4,360	200	10	0.119	1.73	2.79	0.18	0.50	5.22	0.34	3.78	9.35
Harrow	21'	2WD 150	6,750	200	10	0.073	1.07	1.99	0.17	0.31	3.56	0.32	2.37	6.27
Harrow	40'	MFWD 190	21,300	200	10	0.038	0.56	1.32	0.28	0.29	2.48	0.54	2.30	5.33
Harrow	47'	MFWD 190	26,000	200	10	0.033	0.48	1.13	0.30	0.25	2.16	0.56	1.96	4.69
Header - Corn	4R-38	240hp	25,147	300	8	0.201	3.60	8.69	1.26	3.38	16.95	2.36	16.20	35.52
Header - Corn	6R30"	240hp	72,300	300	8	0.170	3.05	7.36	3.07	2.86	16.35	5.76	13.72	35.84
Header - Corn	6R38"	240hp	73,500	300	8	0.134	2.41	5.81	2.47	2.26	12.95	4.62	10.83	28.41
Header - Corn	8R-30	240hp	99,100	300	8	0.127	2.29	5.52	3.16	2.14	13.12	5.92	10.29	29.33
Header - Corn	8R-38	275hp	87,300	300	8	0.100	1.81	5.00	2.20	4.86	13.88	4.12	23.31	41.32
Header - Corn	12R-20	275hp	148,000	300	8	0.127	2.29	6.32	4.72	6.15	19.50	8.84	29.49	57.83
Header - Corn	12R-30	275hp	135,000	300	8	0.085	1.52	4.21	2.87	4.10	12.72	5.37	19.66	37.76
Header - Rice (CL)	22' Rigid	240hp	83,200	300	8	0.288	5.17	12.46	5.99	4.85	28.49	11.23	23.24	62.97
Header - Rice (CL)	25' Rigid	240hp	83,200	300	8	0.253	4.55	10.97	5.28	4.27	25.07	9.88	20.45	55.41
Header - Rice (CL)	30' Rigid	275hp	85,600	300	8	0.211	3.79	10.47	4.52	10.20	29.00	8.47	48.85	86.32
Header - Rice (SL)	22' Rigid	240hp	83,200	300	8	0.250	4.48	10.80	5.20	4.20	24.69	9.73	20.14	54.57
Header - Rice (SL)	25' Rigid	240hp	83,200	300	8	0.220	3.94	9.50	4.57	3.70	21.73	8.56	17.72	48.02
Header - Rice (SL)	30' Rigid	275hp	85,600	300	8	0.183	3.28	9.07	3.92	8.84	25.13	7.34	42.33	74.81
Header - Soybean	15' Flex	240hp	0	300	8	0.170	3.05	7.36	0.00	2.86	13.28	0.00	13.72	27.00
Header - Soybean	18' Flex	240hp	41,750	300	8	0.141	2.54	6.13	1.48	2.38	12.54	2.77	11.43	26.75
Header - Soybean	22' Flex	240hp	42,600	300	8	0.116	2.08	5.01	1.23	1.95	10.29	2.31	9.35	21.96
Header - Soybean	25' Flex	275hp	42,000	300	8	0.102	1.83	5.05	1.07	4.92	12.89	2.00	23.59	38.49
Header - Soybean	30' Flex	275hp	48,600	300	8	0.085	1.52	4.21	1.03	4.10	10.88	1.93	19.66	32.48
Header Wheat/Sorghum	18' Rigid	240hp	19,800	300	8	0.141	2.54	6.13	0.70	2.38	11.76	1.31	11.43	24.51
Header Wheat/Sorghum	22' Rigid	240hp	19,800	300	8	0.116	2.08	5.01	0.57	1.95	9.62	1.07	9.35	20.06
Header Wheat/Sorghum	25' Rigid	240hp	41,800	300	8	0.102	1.83	4.41	1.06	1.71	9.03	1.99	8.23	19.26
Header Wheat/Sorghum	30' Rigid	275hp	55,100	300	8	0.085	1.52	4.21	1.17	4.10	11.02	2.19	19.66	32.87
Header-Cotton Bcast	13'	173hp	21,300	200	8	0.251	8.17	7.12	1.00	6.68	22.99	3.76	32.02	58.78
Header-Cotton-Bcast	16'	173hp	23,800	200	8	0.204	6.64	5.78	0.91	5.43	18.77	3.41	26.02	48.22
Header-Cotton-Bcast	19'	173hp	26,200	200	8	0.172	5.59	4.87	0.84	4.57	15.89	3.16	21.91	40.97
Header-Cotton-Brush	4R30"	173hp	20,520	200	8	0.327	10.63	9.25	1.25	8.69	29.84	4.71	41.63	76.19
Header-Cotton-Brush	4R30"2X1	173hp	34,400	200	8	0.218	7.08	6.17	1.40	5.79	20.46	5.27	27.75	53.49
Header-Cotton-Brush	4R38"	173hp	34,000	200	8	0.257	8.37	7.29	1.64	6.84	24.15	6.15	32.78	63.08
Header-Cotton-Brush	4R38"2X1	173hp	36,000	200	8	0.172	5.59	4.87	1.16	4.57	16.20	4.35	21.91	42.47
Header-Cotton-Brush	5R-30	173hp	42,800	200	8	0.261	8.50	7.40	2.10	6.95	24.96	7.86	33.31	66.14
Header-Cotton-Brush	5R-38	173hp	44,300	200	8	0.207	6.72	5.85	1.72	5.50	19.81	6.44	26.35	52.60
Header-Cotton-Brush	6R-30	173hp	52,700	200	8	0.218	7.08	6.17	2.15	5.79	21.21	8.07	27.75	57.04
Heavy Disk	14'	MFWD 150	25,900	180	10	0.145	2.12	3.94	1.05	0.77	7.89	2.77	5.83	16.51

Appendix Table 6. Implements: estimated purchase price, annual use, useful life, performance rate,
(Continued) 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---- Imp.	P.U.	Total Direct	--Fixed--- Imp.	P.U.	Total Cost
			dollars	hours	years	hr/ac	----------------------	----------------------	$/acre	----------------------				
Heavy Disk	21'	MFWD 170	40,600	180	10	0.097	1.41	2.97	1.09	0.61	6.10	2.90	4.72	13.73
Heavy Disk	27'	MFWD 190	50,400	180	10	0.075	1.09	2.59	1.05	0.58	5.33	2.80	4.49	12.63
LA Boom Sprayer	30 ft	MFWD 150	3,000	150	10	0.059	0.87	1.62	0.13	0.32	2.94	0.17	2.40	5.52
Land Plane	40'x10'	MFWD 190	6,020	200	10	0.242	3.52	8.30	0.29	1.86	13.98	0.96	14.42	29.38
Land Plane	50'x16'	MFWD 190	13,500	200	10	0.151	2.20	5.19	0.40	1.16	8.96	1.35	9.01	19.33
LARice Backhoe-Rrmnt	2 ft	MFWD 150	6,000	100	10	0.500	7.26	13.51	2.64	2.67	26.08	4.37	20.00	50.46
LARice Land Level	13 ft	MFWD 150	7,500	200	15	0.190	2.76	5.13	0.15	1.01	9.07	0.83	7.60	17.51
LARice Levee Plow	8 ft	4WD 300	4,600	150	10	0.050	0.72	2.70	0.07	0.67	4.18	0.22	5.22	9.62
LARice Water Level	24 ft	4WD 300	3,500	100	15	0.149	2.17	8.10	0.23	2.02	12.53	0.61	15.65	28.80
Levee Splitter (1/80	2 blade	2WD 150	9,220	50	10	0.004	0.06	0.11	0.00	0.01	0.19	0.10	0.13	0.43
Lo-Till & Bed	4R-38	MFWD 190	5,100	150	12	0.145	2.11	4.98	0.26	1.11	8.48	0.61	8.65	17.75
Middle Buster	6R-38	MFWD 150	12,800	160	8	0.120	1.74	3.24	0.36	0.64	5.99	1.39	4.80	12.20
Middle Buster	8R-30	MFWD 190	20,800	160	8	0.114	1.65	3.90	0.55	0.87	7.00	2.15	6.78	15.94
Middle Buster	8R-38	MFWD 190	18,100	160	8	0.090	1.31	3.08	0.38	0.69	5.47	1.48	5.36	12.32
Middle Buster	8R-40 2x1	MFWD 190	29,200	160	8	0.060	0.87	2.05	0.41	0.46	3.80	1.59	3.57	8.96
Middle Buster	10R-30	MFWD 225	29,300	160	8	0.091	1.32	3.70	0.62	0.88	6.53	2.42	6.82	15.78
Middle Buster	10R-38	MFWD 225	32,100	160	8	0.072	1.04	2.92	0.54	0.69	5.20	2.09	5.38	12.68
Middle Buster	12R-38	MFWD 225	29,200	160	8	0.060	0.87	2.43	0.41	0.58	4.30	1.59	4.48	10.38
Module Builder-1st	2R-38(157)	MFWD 190	31,300	200	10	0.519	15.10	17.78	4.06	3.99	40.94	10.47	30.89	82.32
Module Builder-1st	4R-30(255)	MFWD 190	34,700	200	10	0.327	9.51	11.20	2.84	2.51	26.07	7.31	19.46	52.85
Module Builder-1st	4R-30(325)	MFWD 190	34,700	200	10	0.327	9.51	11.20	2.84	2.51	26.07	7.31	19.46	52.85
Module Builder-1st	4R-38(255)	MFWD 190	34,700	200	10	0.257	7.49	8.82	2.23	1.98	20.53	5.76	15.32	41.62
Module Builder-1st	4R-38(325)	MFWD 190	34,700	200	10	0.257	7.49	8.82	2.23	1.98	20.53	5.76	15.32	41.62
Module Builder-1st	4R2x1260hp	MFWD 190	34,700	200	10	0.172	5.00	5.89	1.49	1.32	13.72	3.85	10.24	27.81
Module Builder-1st	5R-30(255)	MFWD 190	34,700	200	10	0.261	7.61	8.96	2.27	2.01	20.86	5.85	15.57	42.28
Module Builder-1st	5R-38(255)	MFWD 190	34,700	200	10	0.207	6.02	7.09	1.79	1.59	16.50	4.63	12.31	33.45
Module Builder-1st	6R-30(325)	MFWD 190	34,700	200	10	0.218	6.34	7.47	1.89	1.67	17.38	4.87	12.97	35.23
Module Builder-1st	6R-38(325)	MFWD 190	34,700	200	10	0.172	5.00	5.89	1.49	1.32	13.72	3.85	10.24	27.81
Module Builder-2nd	2R-38(157)	MFWD 190	34,700	200	10	0.440	12.79	15.06	3.81	3.38	35.06	9.83	26.17	71.06
Module Builder-2nd	4R-30(255)	MFWD 190	34,700	200	10	0.277	8.05	9.49	2.40	2.13	22.08	6.19	16.48	44.77
Module Builder-2nd	4R-30(325)	MFWD 190	34,700	200	10	0.277	8.05	9.49	2.40	2.13	22.08	6.19	16.48	44.77
Module Builder-2nd	4R-38(255)	MFWD 190	34,700	200	10	0.218	6.34	7.47	1.89	1.67	17.39	4.88	12.98	35.25
Module Builder-2nd	4R-38(325)	MFWD 190	34,700	200	10	0.218	6.34	7.47	1.89	1.67	17.39	4.88	12.98	35.25
Module Builder-2nd	4R2x1 255	MFWD 190	34,700	200	10	0.145	4.24	4.99	1.26	1.12	11.62	3.26	8.67	23.56
Module Builder-2nd	5R-30(255)	MFWD 190	34,700	200	10	0.221	6.44	7.59	1.92	1.70	17.67	4.95	13.19	35.81
Module Builder-2nd	5R-38(255)	MFWD 190	34,700	200	10	0.175	5.10	6.00	1.52	1.34	13.97	3.92	10.43	28.33
Module Builder-2nd	6R-30(325)	MFWD 190	34,700	200	10	0.184	5.37	6.32	1.60	1.42	14.72	4.13	10.99	29.84
Module Builder-2nd	6R-38(325)	MFWD 190	34,700	200	10	0.145	4.24	4.99	1.26	1.12	11.62	3.26	8.67	23.56
Module Builder-Strip	13' Bcast	MFWD 150	34,700	200	10	0.251	7.31	6.80	2.18	1.34	17.65	5.62	10.07	33.35
Module Builder-Strip	16' Bcast	MFWD 150	34,700	200	10	0.204	5.94	5.52	1.77	1.09	14.34	4.57	8.18	27.10
Module Builder-Strip	19' Brush	MFWD 150	34,700	200	10	0.172	5.00	4.65	1.49	0.92	12.07	3.85	6.89	22.82
Module Builder-Strip	4R-30	MFWD 150	34,700	200	10	0.327	9.51	8.84	2.84	1.74	22.94	7.31	13.09	43.36
Module Builder-Strip	4R-30 2X1	MFWD 150	34,700	200	10	0.218	6.34	5.89	1.89	1.16	15.29	4.87	8.73	28.91
Module Builder-Strip	4R-38	MFWD 150	34,700	200	10	0.257	7.49	6.96	2.23	1.37	18.07	5.76	10.31	34.14
Module Builder-Strip	4R-38 2X1	MFWD 150	34,700	200	10	0.172	5.00	4.65	1.49	0.92	12.07	3.85	6.89	22.82
Module Builder-Strip	5R-30	MFWD 150	34,700	200	10	0.261	7.61	7.07	2.27	1.39	18.35	5.85	10.47	34.69
Module Builder-Strip	5R-38	MFWD 150	34,700	200	10	0.207	6.02	5.59	1.79	1.10	14.52	4.63	8.29	27.44
Module Builder-Strip	6R-30	MFWD 150	34,700	200	10	0.218	6.34	5.89	1.89	1.16	15.29	4.87	8.73	28.91
Mulcher Plow	30'	MFWD 225	0	100	10	0.068	0.98	2.76	0.00	0.65	4.40	0.00	5.08	9.49
NT Grain Drill	12'	2WD 130	57,200	150	8	0.163	4.75	3.83	3.51	0.69	12.79	8.47	5.18	26.45
NT Grain Drill	15'	MFWD 150	73,300	150	8	0.130	3.80	3.53	3.59	0.69	11.64	8.68	5.23	25.57
NT Grain Drill	20'	MFWD 170	98,900	150	8	0.098	2.85	3.00	3.64	0.61	10.12	8.79	4.77	23.68
NT Grain Drill	24'	MFWD 190	111,300	150	8	0.081	2.37	2.80	3.41	0.62	9.22	8.24	4.86	22.33
NT Grain Drill	30'	MFWD 225	110,200	150	8	0.065	1.90	2.65	2.70	0.63	7.89	6.53	4.88	19.31
NT Grain Drill & Pre	12'	2WD 130	63,000	150	8	0.176	5.12	4.12	4.16	0.74	14.16	10.05	5.58	29.80
NT Grain Drill & Pre	20'	MFWD 170	86,500	150	8	0.105	2.89	3.70	3.43	0.61	10.63	7.49	4.34	22.47
NT Grain Drill & Pre	24'	MFWD 190	116,600	150	8	0.088	2.40	3.44	3.85	0.59	10.30	8.41	4.20	22.92
NT Grain Drill & Pre	30'	MFWD 225	115,500	150	8	0.070	1.92	3.26	3.05	0.60	8.85	6.66	4.30	19.82
NT Plant&Pre-Folding	8R-38	MFWD 170	67,800	150	8	0.083	2.28	2.92	2.12	0.48	7.82	4.64	3.43	15.90
NT Plant&Pre-Folding	8R-38 2x1	MFWD 170	107,000	150	8	0.055	1.52	1.94	2.23	0.32	6.02	4.87	2.28	13.19
NT Plant&Pre-Folding	10R-30	MFWD 190	57,555	150	8	0.084	2.31	3.31	1.82	0.57	8.02	3.98	4.03	16.04
NT Plant&Pre-Folding	10R-38	MFWD 190	52,893	150	8	0.066	1.82	2.61	1.32	0.45	6.20	2.88	3.18	12.28
NT Plant&Pre-Folding	12R-20	MFWD 190	82,800	150	8	0.105	2.89	4.13	3.28	0.71	11.02	7.16	5.04	23.24
NT Plant&Pre-Folding	12R-30	MFWD 190	101,000	150	8	0.070	1.92	2.75	2.67	0.47	7.83	5.83	3.36	17.02
NT Plant&Pre-Folding	12R-38	MFWD 190	111,800	150	8	0.055	1.52	2.17	2.33	0.37	6.40	5.09	2.65	14.16
NT Plant&Pre-Folding	16R-30	MFWD 190	149,400	150	8	0.052	1.44	2.06	2.96	0.35	6.83	6.46	2.52	15.82
NT Plant&Pre-Folding	23R-15	MFWD 190	203,900	150	8	0.073	2.00	2.87	5.61	0.49	10.99	12.26	3.50	26.75
NT Plant&Pre-Folding	24R-20	MFWD 190	238,100	150	8	0.052	1.44	2.06	4.72	0.35	8.59	10.30	2.52	21.42
NT Plant&Pre-Folding	24R-30	MFWD 190	224,900	150	8	0.035	0.96	1.37	2.97	0.23	5.55	6.49	1.68	13.72
NT Plant&Pre-Rigid	4R-30	2WD 130	37,700	150	8	0.211	5.78	5.66	2.99	0.77	15.21	6.52	5.29	27.03
NT Plant&Pre-Rigid	4R-38	2WD 130	34,500	150	8	0.166	4.55	4.45	2.15	0.61	11.77	4.70	4.16	20.65
NT Plant&Pre-Rigid	6R-30	MFWD 150	47,400	150	8	0.141	3.85	4.35	2.50	0.69	11.41	5.47	4.74	21.62
NT Plant&Pre-Rigid	6R-38	MFWD 150	47,500	150	8	0.111	3.04	3.43	1.98	0.54	9.01	4.32	3.74	17.08
NT Plant&Pre-Rigid	8R-22	MFWD 170	26,219	150	8	0.143	3.93	5.03	1.41	0.83	11.22	3.08	5.91	20.22
NT Plant&Pre-Rigid	8R-30	MFWD 170	60,300	150	8	0.105	2.89	3.70	2.39	0.61	9.60	5.22	4.34	19.16
NT Plant&Pre-Rigid	8R-38	MFWD 170	56,200	150	8	0.077	2.11	2.70	1.62	0.44	6.88	3.55	3.17	13.60
NT Plant&Pre-Rigid	10R-30	MFWD 190	51,900	150	8	0.084	2.31	3.31	1.64	0.57	7.84	3.59	4.03	15.47
NT Plant&Pre-Rigid	12R-20	MFWD 190	66,600	150	8	0.105	2.89	4.13	2.64	0.71	10.38	5.76	5.04	21.20
NT Plant&Pre-Rigid	12R-30	MFWD 190	86,600	150	8	0.070	1.92	2.75	2.28	0.47	7.45	4.99	3.36	15.81
NT Plant-Folding	8R-38	MFWD 170	72,900	150	8	0.077	2.12	2.71	2.12	0.45	7.41	4.63	3.19	15.23
NT Plant-Folding	8R-38 2x1	MFWD 170	102,200	150	8	0.051	1.41	1.80	1.98	0.30	5.50	4.32	2.12	11.95
NT Plant-Folding	10R-30	MFWD 190	52,061	150	8	0.078	2.14	3.07	1.53	0.53	7.28	3.34	3.75	14.38
NT Plant-Folding	10R-38	MFWD 190	47,646	150	8	0.061	1.69	2.42	1.10	0.41	5.64	2.41	2.95	11.01
NT Plant-Folding	12R-20	MFWD 190	77,500	150	8	0.098	2.68	3.84	2.85	0.66	10.04	6.23	4.68	20.96
NT Plant-Folding	12R-30	MFWD 190	91,300	150	8	0.065	1.79	2.56	2.24	0.44	7.03	4.89	3.12	15.05

Appendix Table 6. Implements: estimated purchase price, annual use, useful life, performance rate,
(Continued) 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---- Imp.	P.U.	Total Direct	--Fixed--- Imp.	P.U.	Total Cost
			dollars	hours	years	hr/ac	----------------------$/acre							--------------------
NT Plant&Pre-Rigid	4R-30	2WD 130	41,900	150	8	0.211	6.14	4.95	3.32	0.89	15.32	8.02	6.70	30.04
NT Plant&Pre-Rigid	4R-38	2WD 130	37,500	150	8	0.166	4.84	3.90	2.34	0.70	11.78	5.65	5.27	22.71
NT Plant&Pre-Rigid	6R-30	MFWD 150	50,800	150	8	0.141	4.09	3.81	2.68	0.75	11.34	6.48	5.64	23.47
NT Plant&Pre-Rigid	6R-38	MFWD 150	49,500	150	8	0.111	3.23	3.00	2.06	0.59	8.90	4.98	4.45	18.34
NT Plant&Pre-Rigid	8R-22	MFWD 170	26,219	150	8	0.143	4.18	4.40	1.41	0.90	10.90	3.41	6.99	21.31
NT Plant&Pre-Rigid	8R-30	MFWD 170	65,200	150	8	0.105	3.07	3.23	2.58	0.66	9.56	6.24	5.13	20.94
NT Plant&Pre-Rigid	8R-38	MFWD 170	62,300	150	8	0.077	2.24	2.36	1.80	0.48	6.89	4.35	3.74	14.99
NT Plant&Pre-Rigid	10R-30	MFWD 190	51,900	150	8	0.084	2.45	2.89	1.64	0.65	7.65	3.97	5.03	16.65
NT Plant&Pre-Rigid	12R-20	MFWD 190	66,600	150	8	0.105	3.07	3.62	2.64	0.81	10.14	6.37	6.28	22.81
NT Plant&Pre-Rigid	12R-30	MFWD 190	100,400	150	8	0.070	2.04	2.41	2.65	0.54	7.65	6.40	4.19	18.26
NT Plant-Folding	8R-38	MFWD 170	77,700	150	8	0.077	2.25	2.37	2.26	0.48	7.38	5.46	3.77	16.61
NT Plant-Folding	8R-38 2x1	MFWD 170	109,000	150	8	0.051	1.50	1.58	2.11	0.32	5.52	5.10	2.51	13.13
NT Plant-Folding	10R-30	MFWD 190	52,061	150	8	0.078	2.28	2.68	1.53	0.60	7.11	3.70	4.67	15.48
NT Plant-Folding	10R-38	MFWD 190	47,646	150	8	0.061	1.80	2.12	1.10	0.47	5.50	2.67	3.68	11.86
NT Plant-Folding	12R-20	MFWD 190	77,500	150	8	0.098	2.85	3.36	2.85	0.75	9.82	6.89	5.83	22.55
NT Plant-Folding	12R-30	MFWD 190	97,600	150	8	0.065	1.90	2.24	2.39	0.50	7.04	5.78	3.89	16.72
NT Plant-Folding	12R-38	MFWD 190	109,000	150	8	0.051	1.50	1.76	2.11	0.39	5.78	5.10	3.07	13.95
NT Plant-Folding	16R-30	MFWD 190	182,000	150	8	0.049	1.42	1.68	3.35	0.37	6.83	8.09	2.91	17.84
NT Plant-Folding	23R-15	MFWD 190	207,000	150	8	0.068	1.98	2.33	5.29	0.52	10.13	12.77	4.05	26.97
NT Plant-Folding	24R-20	MFWD 190	244,000	150	8	0.049	1.42	1.68	4.49	0.37	7.97	10.84	2.91	21.74
NT Plant-Folding	24R-30	MFWD 190	208,000	150	8	0.032	0.95	1.12	2.55	0.25	4.87	6.16	1.94	12.98
Plant - Rigid	4R-30	2WD 130	32,000	150	8	0.188	5.47	4.41	2.26	0.79	12.95	5.46	5.97	24.39
Plant - Rigid	4R-38	2WD 130	27,600	150	8	0.148	4.31	3.47	1.53	0.62	9.95	3.70	4.70	18.37
Plant - Rigid	6R-30	MFWD 150	38,900	150	8	0.125	3.65	3.39	1.83	0.67	9.55	4.42	5.03	19.01
Plant - Rigid	6R-38	MFWD 150	37,500	150	8	0.099	2.88	2.68	1.39	0.53	7.49	3.36	3.97	14.83
Plant - Rigid	8R-22	MFWD 170	18,473	150	8	0.127	3.71	3.91	0.88	0.80	9.32	2.13	6.21	17.67
Plant - Rigid	8R-30	MFWD 170	51,300	150	8	0.094	2.73	2.88	1.81	0.59	8.03	4.37	4.58	16.99
Plant - Rigid	8R-38	MFWD 170	48,400	150	8	0.074	2.16	2.28	1.35	0.46	6.26	3.26	3.62	13.15
Plant - Rigid	10R-30	MFWD 190	40,700	150	8	0.075	2.19	2.58	1.15	0.57	6.50	2.77	4.48	13.76
Plant - Rigid	12R-20	MFWD 190	60,700	150	8	0.094	2.73	3.22	2.14	0.72	8.83	5.18	5.60	19.62
Plant - Rigid	12R-30	MFWD 190	77,800	150	8	0.062	1.82	2.15	1.83	0.48	6.29	4.42	3.73	14.45
Plant - Rigid	15R-15	2WD 150	71,200	150	8	0.094	2.73	2.54	2.51	0.40	8.21	6.07	3.03	17.32
Pull Levee (1m/80a))	4 blade	2WD 50	3,180	100	10	0.003	0.05	0.03	0.00	0.00	0.08	0.01	0.02	0.12
Rice Grain Cart	500 Bu	MFWD 190	35,100	200	12	0.057	0.82	1.95	0.54	0.43	3.76	1.21	3.39	8.37
Rice Grain Cart	700 Bu	MFWD 190	54,400	200	12	0.063	0.92	2.17	0.93	0.48	4.51	2.08	3.77	10.37
Roller	32'	MFWD 170	22,800	100	12	0.046	0.67	1.42	0.17	0.29	2.57	1.28	2.26	6.12
Rotary Cutter	7'	MFWD 130	6,580	185	10	0.168	2.44	3.94	0.89	0.89	8.18	0.79	6.73	15.71
Rotary Cutter	12'	2WD 150	20,200	185	10	0.098	1.42	2.65	1.60	0.42	6.11	1.41	3.15	10.68
Rotary Cutter	15'	MFWD 150	27,300	185	10	0.078	1.14	2.12	1.73	0.41	5.42	1.53	3.14	10.10
Row Cond & Inc	13'	2WD 130	18,700	100	10	0.137	2.82	3.69	0.64	0.50	7.67	3.09	3.45	14.21
Row Cond & Inc	21'	2WD 170	26,900	100	10	0.085	1.75	2.98	0.57	0.44	5.75	2.75	3.13	11.64
Row Cond & Inc	26'	MFWD 190	29,300	100	10	0.063	1.30	2.48	0.46	0.42	4.67	2.22	3.02	9.92
Row Cond & Inc	38'	MFWD 225	40,100	100	10	0.047	0.96	2.18	0.47	0.40	4.03	2.26	2.87	9.18
Row Cond & Inc	42'	MFWD 225	20,400	100	10	0.040	0.82	1.86	0.20	0.34	3.23	0.98	2.45	6.67
Row Cond (Plant)	13'	2WD 130	7,120	100	10	0.157	2.28	3.68	0.27	0.66	6.90	1.47	4.97	13.36
Row Cond (Plant)	21'	2WD 170	11,700	100	10	0.097	1.41	2.97	0.28	0.50	5.18	1.50	3.90	10.59
Row Cond (Plant)	27'	MFWD 190	12,400	100	10	0.078	1.14	2.69	0.24	0.60	4.67	1.28	4.67	10.64
Row Cond (Plant)	38'	MFWD 225	16,587	100	10	0.053	0.78	2.17	0.22	0.51	3.70	1.17	4.01	8.89
Row Cond (Plant)	42'	MFWD 225	15,582	100	10	0.048	0.70	1.97	0.18	0.46	3.33	1.00	3.63	7.97
RT Cult (Early)	8R-30	2WD 170	20,774	200	12	0.103	1.49	3.15	1.02	0.53	6.21	1.32	4.13	11.67
RT Cult (Early)	12R-30	2WD 190	29,998	200	12	0.068	0.99	2.35	0.98	0.30	4.64	1.27	2.37	8.29
RT Cult (Late)	8R-30	2WD 170	20,774	200	12	0.128	1.87	3.94	1.28	0.66	7.77	1.65	5.17	14.59
RT Cult (Late)	12R-30	2WD 190	29,998	200	12	0.085	1.24	2.94	1.23	0.38	5.80	1.59	2.97	10.37
RT Cult + PD (Early)	8R-30	2WD 150	20,774	200	12	0.110	2.39	2.97	1.09	0.47	6.93	1.40	3.53	11.88
RT Cult + PD (Early)	12R-30	MFWD 225	29,998	200	12	0.073	1.59	2.97	1.05	0.70	6.33	1.35	5.47	13.16
RT Cult + PD (Late)	8R-30	2WD 170	26,264	200	12	0.137	2.99	4.21	1.73	0.71	9.65	2.22	5.51	17.39
RT Cult + PD (Late)	12R-30	2WD 190	35,493	200	12	0.091	1.99	3.13	1.55	0.40	7.10	2.00	3.16	12.27
Spin Spreader	5 ton	MFWD 190	14,500	100	8	0.042	1.22	1.44	0.34	0.32	3.33	0.85	2.50	6.69
Spin Spreader	5 ton	MFWD 190	14,500	100	8	0.042	1.22	1.44	0.34	0.32	3.33	0.85	2.50	6.69
Spray (Band)	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 (Band)	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 (Band)	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 (Band)	53'	MFWD 170	9,940	200	8	0.031	0.69	0.97	0.14	0.20	2.02	0.22	1.55	3.79
Spray (Band)	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
Spray (Bcast/HB)	13' Rigid	MFWD 150	8,890	200	8	0.130	2.83	3.51	0.54	0.69	7.59	0.81	5.20	13.61
Spray (Bcast/HB)	20' Rigid	2WD 50	10,400	200	8	0.084	1.84	0.76	0.41	0.07	3.09	0.61	0.55	4.26
Spray (Bcast/HB)	27' Fold	MFWD 170	13,000	200	8	0.062	1.36	1.91	0.38	0.39	4.06	0.57	3.04	7.67
Spray (Bcast/HB)	27' Rigid	MFWD 170	12,200	200	8	0.062	1.36	1.91	0.35	0.39	4.03	0.53	3.04	7.61
Spray (Bcast/HB)	30' Fold	MFWD 170	18,700	200	8	0.056	1.22	1.72	0.49	0.35	3.80	0.74	2.74	7.28
Spray (Bcast/HB)	40' Fold	MFWD 170	22,600	200	8	0.042	0.92	1.29	0.44	0.26	2.93	0.67	2.05	5.65
Spray (Bcast/HB/HD)	27'	MFWD 170	13,000	200	8	0.062	1.36	1.91	0.38	0.39	4.06	0.57	3.04	7.67
Spray (Bcast/HB/HD)	40'	MFWD 170	22,600	200	8	0.042	0.92	1.29	0.44	0.26	2.93	0.67	2.05	5.65
Spray (Broadcast)	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 (Broadcast)	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 (Broadcast)	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 (Broadcast)	53'	MFWD 170	9,940	200	8	0.031	0.69	0.97	0.14	0.20	2.02	0.22	1.55	3.79
Spray (Broadcast)	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
Spray (Direct/Hood)	8R-30	MFWD 170	19,000	200	8	0.084	1.84	2.59	0.75	0.53	5.72	1.12	4.11	10.96
Spray (Direct/Hood)	8R-38	MFWD 170	19,800	200	8	0.066	1.45	2.04	0.62	0.42	4.54	0.92	3.24	8.72
Spray (Direct/Hood)	12R-30	MFWD 170	26,100	200	8	0.056	1.22	1.72	0.69	0.35	4.00	1.03	2.74	7.77

Appendix Table 6. Implements: estimated purchase price, annual use, useful life, performance rate,
(Continued) 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---- Imp.	P.U.	Total Direct	--Fixed--- Imp.	P.U.	Total Cost
			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