LSU AgCenter Cooperative Extension Service- Madison Parish
Louisiana Delta Community College
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Tallulah, Louisiana

Projecting Crop Profitability and Evaluating Risk Management Strategies

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Outline of Topics

Annual deliverables provides by the LSU AgCenter to industry stakeholders

Farm Management

- *Enterprise budgets*
- *Enterprise competitiveness*

Risk Management

- *ARC/PLC Farm Programs*
- *Crop Insurance Products*

An Overview into Projecting Costs and Returns

Topic outline for this morning's presentation

- Types and categories of production costs
- Enterprise budget development
  - Data
- Sensitivity analysis
- Breakeven analysis and R.O.I.
- Decision support tools for growers
  - Enterprise Budgets with sensitivity analysis
  - Cash Flow Model
  - Alternative Rental Rates
  - Farm Financial Benchmarks
- Farm planning on an annual, short-run, and long-run basis

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Farm Business Risk and Uncertainty

Managing risk is one of the most important functions of management

Sources of Risk and Uncertainty

1. Production Risk
2. Technology Risk
3. Market and Price Risk
4. Financial Risk
5. Legal Risk
6. Personnel Risk

Ability to Bear Risk

Is the financial position of the business such that adverse business conditions will not quickly lead to insolvency?

Willingness to Bear Risk

How willing is the farm manager to take business risks? Does this willingness change over time?

Alternative approaches to manage farm business risk have direct implications on decisions chosen (production, marketing, farm program, capital investment, etc.)

Developing an Enterprise Budget

Grouping and itemizing costs on a unit basis

- An enterprise budget can:
  - Evaluate the efficiency of a single enterprise.
  - Estimate benefits and costs for major changes in production practices.
  - Identify profitable versus breakeven or losing enterprises.
  - Support applications for credit.
- Components of an enterprise budget:
  - Three main parts: Income, Variable Costs, and Fixed Costs.
- Enterprise budgets provide more information than just net income, they can estimate product/commodity sales needed to cover variable and fixed costs (a.k.a. total costs) per unit.
- This information can also be utilized to determine pricing points, identify efficiencies within the enterprise for the uninterrupted continuation of enterprise activities.

Developing an Enterprise Budget

Variable cost and fixed cost: What's the difference?

- **Variable Costs**
  - Variable inputs change as production increase/decrease. Input amounts needed are directly related to planted acreage. If production area increases, variable expenses will increase.
    - Examples: seed, chemical, fuel, fertilizer, labor
  - Some expenses/costs are straightforward while some are a little more complex. Use your financial records, Schedule F of your 1040 income tax form, and/or crop budgets from your consultant to determine your variable costs. Be sure you are not calculating your variable costs based on expenses for more than one year.
- **Fixed Costs**
  - Fixed costs are those expenses that occur regardless if we grow a crop or not.
    - Examples include: depreciation and machinery ownership, interest, owned land, taxes. Additionally, salaried employees, rent or mortgage payments, property tax, insurance premiums, and interest payments fall into the category of fixed expenses.
  - No matter how many acres of corn you plant this season, those fixed costs will remain the same.
- **Crop Enterprise Budget Tool(s)**
  - The tool can give some flexibility in looking at these numbers.

Developing an Enterprise Budget – Var. Costs

The best source of information can be your farm's records

- Variable Costs
  - Use last year's costs and adjust by 2 to 5 percent to account for normal increases
  - Visit with suppliers to get projections of costs for upcoming year.
  - Try to match input costs (fertilizer, pesticides, etc.) to the farm. If one farm has more weed/disease pressure, your cost estimate for that farm will need to be higher than for other farms with less pressure
  - Lumpy costs (fuel, repair/maintenance, labor, etc.) are those costs that are purchased not for a particular farm but for the entire operation. Simply divide total costs by number total of operation acres.
  - Use LSU AgCenter Enterprise Budgets
    - Adjust as needed to be more reflective of your operation
    - Don't fail to add land rent, if applicable
    - Can use enterprise budgets to estimate things like costs for repair and maintenance, fuel, and labor costs per acre. NOTE: Budget estimates are only for time spent in field conducting activities, they DO NOT estimate time and costs of transporting equipment *between* fields
  - Adjusting Enterprise Budget for your operation
    - Find tractor and equipment compliments that best fit your operation (Appendix Information)
    - Altering the performance rates (hours per acre) that better fit your operation.

Developing an Enterprise Budget – Fixed Costs

Knowing your farm's production costs

- Fixed Costs
  - Can be thought of as:
    - First – simply the cash fixed costs
      - Debt Servicing – your annual loan payments
    - Second – Enterprise Budgets calculate fixed expenses as
      - Interest Expense and Depreciation on Equipment and Machinery
      - Depreciation not a cash expense BUT the operation needs to be recapturing some of the investment costs in the equipment and machinery so that it has funds available to replace the equipment when needed.
  - Overhead Costs
    - Those other costs the operation must cover (most considered as fixed costs)
    - Insurance(s)
    - Taxes
    - Family Living Expenses
    - Other?

Developing an Enterprise Budget

Examples of cost categories for variable and fixed costs

Variable Cost Categories

(incurred only if the crop is produced)

Custom Applications (aerial spraying costs)
Fertilizer
Chemicals
Drying
Seed
Crop Consultant Services
Labor
Fuel
Interest on Operating Capital
Repair and Maintenance

Fixed Cost Categories

(costs that would exist regardless if the crop were grown or not)

Machinery Depreciation (e.g., capital recovery amount)
Machinery Interest (on the loan)
Overhead and Misc. (e.g., pickup truck, farm liability insurance, etc.)

Developing an Enterprise Budget

Knowing your farm's production costs

- Developing enterprise budgets that project both revenue and costs
  - Typically used as projections of the future
    - Can help determine the most profitable enterprise to pursue for coming year
    - Do I plant rice or soybeans on a particular farm?
    - Can be developed after the year to determine profitability of separate enterprises
  - Do you develop them for all your crop's acres ?
    - Are your costs, production, and revenue the same for every rice acre?
    - If differences in costs, productivity, and revenue exist, it is probably best to model each farm separately in order to gain a better view of which farm(s) is(are) clearing the greatest profit. Often, the rent between farms can be a factor in the relative profitability of the farms.

Developing an Enterprise Budget

Knowing your farm's production costs

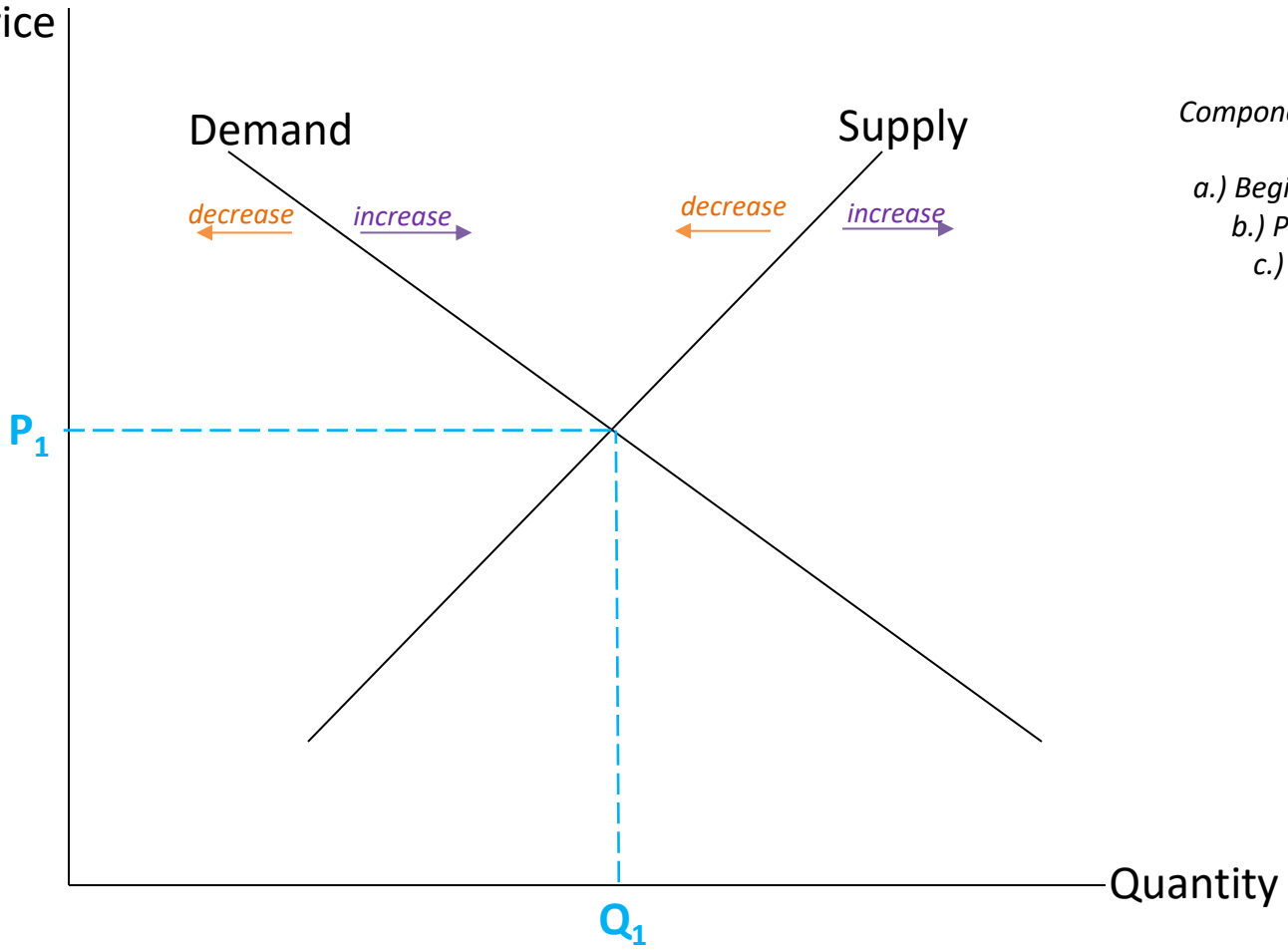
- Developing Estimates of Revenue
  - Quantity of the crop produced (yield)
    - Use 5-to-10-year average of actual production on the farm
    - Use 5-to-10-year average of parish averages
      - Source: Ag Summary or USDA NASS
  - Price received for crop
    - Develop view of prices for the upcoming year
    - WASDE develops estimates for marketing year price
    - USDA Baseline or FAPRI Baseline projections another source
    - These are national level price estimates – how do they relate to prices that could be expected in Louisiana?
    - Use historic data that shows relationship between US and Louisiana prices. The percentage relationship between the two can provide a range of prices expected for Louisiana.
    - FSA Guaranteed Loan – FSA establishes a price for commodities to be used in their loan program (LSU AgCenter provides suggestions for these prices).

Commodity Market Dynamics

Intersection of supply and demand determines commodity market price

Components of Demand

a.) Domestic Demand
b.) Export Demand



Components of Supply

a.) Beginning Stocks
b.) Production
c.) Imports

Ending stocks (i.e., supply-demand) is a major determinant of commodity price movements.
Ending stocks-to-use ratio is the key variable to monitor in projecting near-term commodity prices.

The USDA WASDE Report

Primary source of supply, demand, and price information on ag commodities

December 2025

WASDE - 666 - 15

U.S. Soybeans and Products Supply and Use (Domestic Measure) 1/

SOYBEANS	2023/24	2024/25 Est.	2025/26 Proj. Nov	2025/26 Proj. Dec
		Million Acres		
Area Planted	83.6	87.3	81.1	81.1
Area Harvested	82.3	86.2	80.3	80.3
		Bushels		
Yield per Harvested Acre	50.6	50.7	53.0	53.0
		Million Bushels		
Beginning Stocks	264	342	316	316
Production	4,162	4,374	4,253	4,253
Imports	21	29	20	20
Supply, Total	4,447	4,746	4,590	4,590
Crushings	2,285	2,445	2,555	2,555
Exports	1,700	1,882	1,635	1,635
Seed	75	70	73	73
Residual	44	32	37	37
Use, Total	4,105	4,429	4,300	4,300
Ending Stocks	342	316	290	290
Avg. Farm Price ($/bu) 2/	12.40	10.00	10.50	10.50

Supply-side market dynamics

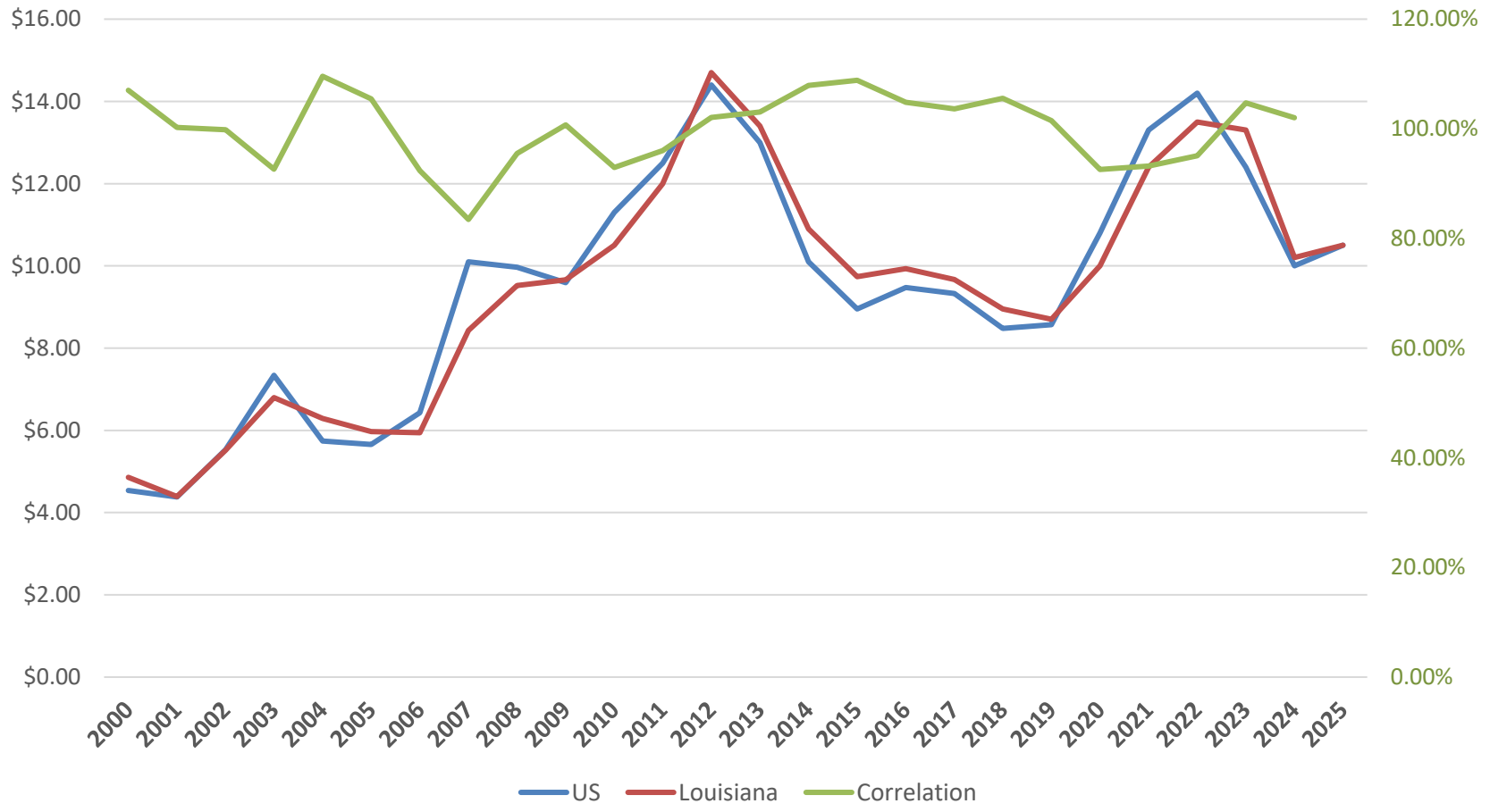
Demand-side market dynamics

Stocks-to-Use Raio
Average Farm Price

Source: USDA.

U.S. and Louisiana Soybean Prices

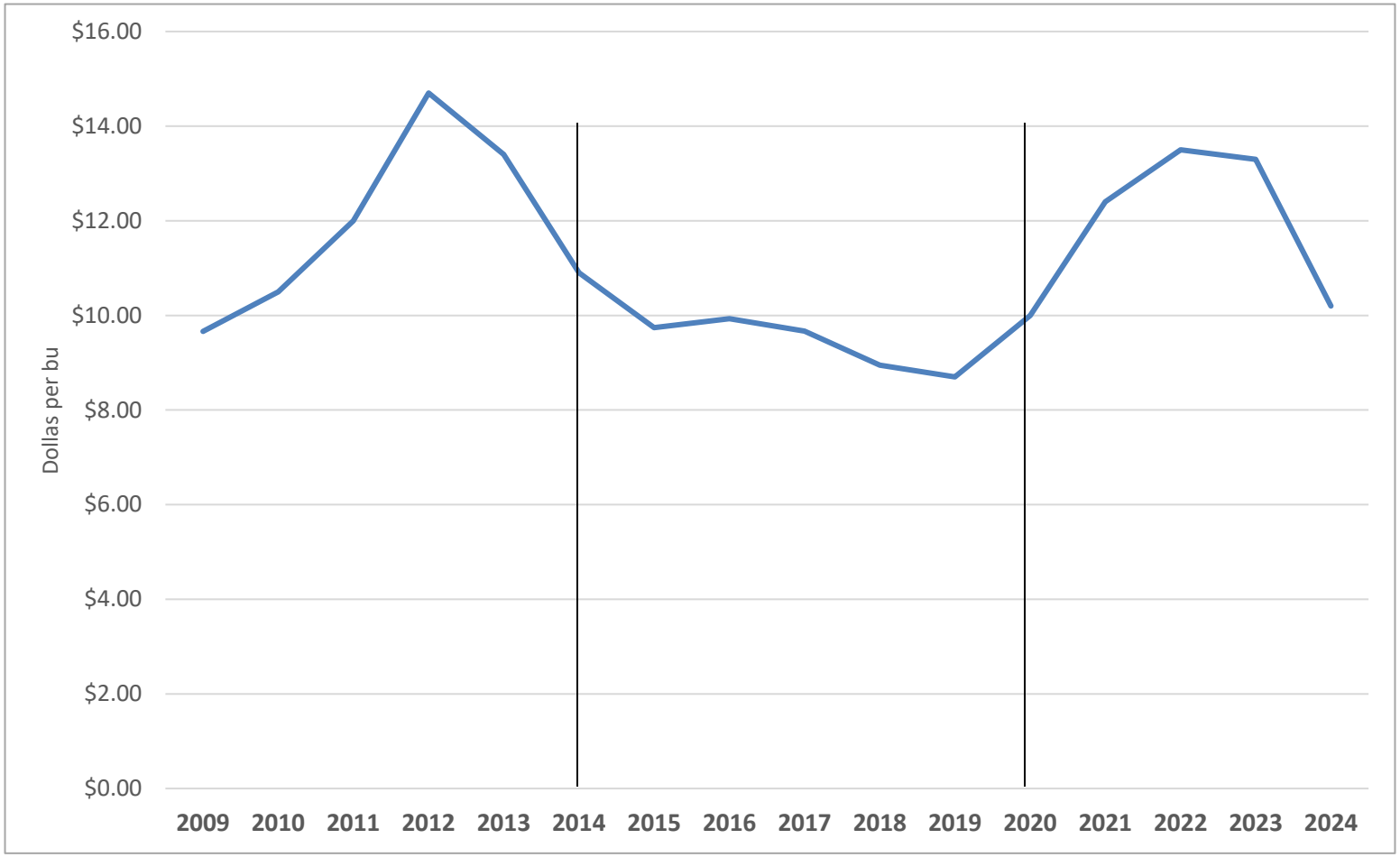
Historical relationship between national and state soybean prices received



Source: USDA NASS.

Soybean Price Variability

Potential market price risk should be considered in enterprise analysis



Source: USDA NASS.

Commodity Market Price Variability

Potential market price risk should help shape crop selection decisions

U.S. MYA Price Variability in 2020-2024 compared to Previous Periods

2020-2024	Corn	Cotton	Rice	Soybeans	Sorghum
Mean	$5.19	$0.79	$0.145	$12.16	$4.64
Std. Dev.	1.00	0.13	0.02	1.45	0.95
CV	19.2%	16.4%	12.6%	11.9%	20.4%
2015-2019					
Mean	$3.50	$0.68	$0.11	$8.96	$3.18
Std. Dev.	0.13	0.05	0.01	0.44	0.22
CV	3.70%	6.72%	8.19%	4.93%	7.07%
2009-2014					
Mean	$5.00	$0.78	$0.13	$11.82	$4.81
Std. Dev.	1.35	0.11	0.02	1.83	1.20
CV	27.10%	14.60%	12.32%	15.47%	24.87%

increased market price variability = increased market risk

Source: USDA NASS.

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Developing an Enterprise Budget

Knowing your farm's production costs

- Product cost calculations can assist with management decisions on product mix, pricing, and altering both the quantity and/or production method.
- Step 1, accumulate costs and do your calculations based on one acre of production (the scale) during the growing season.
- Step 2, list and sum-total costs that can be assigned directly to the crop.
- Step 3, identify the following indirect production cost groups: (1) labor, (2) machinery and equipment, and (3) land, buildings, and irrigation.
- Step 4, convert total product costs to a cost per unit.
- Step 5, separate costs into variable/fixed categories to model changes in production and marketing. If the only change in production is a higher yield on the same acreage, the only costs that would be variable are the harvesting labor and possibly marketing costs. All other costs would be considered fixed in evaluating that scenario.

Projecting Commodity Net Returns for New Crop Year

Important to know breakeven price and yield for the coming new crop year

Crop	Corn	Cotton	Soybeans
Previous Crop Year			
Market Price	$4.00	$0.70	$11.00
Yield	190 bu	1,200 lbs.	60 bu
Revenue	$760	$840	$660
Rent	$75	$75	$75
Var. Costs	$646	$745	$481
Net Returns	$39	$20	$104
Projected (New) Crop Year			
Market Price	$4.35	$0.70	$11.50
Yield	190 bu	1,200 lbs.	60 bu
Revenue	$827	$840	$690
Rent	$75	$75	$75
Var. Costs	$620	$722	$441
Net Returns	$132	$43	$174
BE Price (New)	$3.66	$0.65	$8.60
BE Yield (New)	160	1,139	45

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Projecting Commodity Net Returns for New Crop Year

Important to know breakeven price and yield for the coming new crop year

Rice	Conventional	Clearfield	Hybrid
Previous Crop Year-2024			
Market Price	$15.00	$15.00	$15.00
Yield	70 cwt	75 cwt	82 cwt
Revenue	$1,050	$1,125	$1,230
Rent	$75	$75	$75
Var. Costs	$675	$759	$807
Net Returns	$300	$291	$348
Projected (New) Crop Year-2025			
Market Price	$14.00	$14.00	$14.00
Yield	70 cwt	75 cwt	82 cwt
Revenue	$980	$1,050	$1,148
Rent	$75	$75	$75
Var. Costs	$611	$698	$790
Net Returns	$294	$277	$283
BE Price (New)	$8.73	$9.31	$9.63
BE Yield (New)	43.6	49.9	56.4

Every Tract of Land is Not the Same

Important to know the relative productivity of each tract and plan accordingly

Corn	"High"	"Medium"	"Low"
Market Price	$4.30	$4.30	$4.30
Yield	210 bu	180 bu	165 bu
Revenue	$903	$774	$710
Rent	$75	$60	$50
Var. Costs	$611	$611	$611
Net Returns	$217	$88	$49
BE Price	$3.27	$3.73	$4.00
BE Yield	159	156	153

Short-run economic production decision rule, i.e., current crop year:

Production should only occur if expected revenue ≥ expected variable costs ***or*** *if expected market price ≥ producer variable cost per yield unit*

Enterprise Production Cost Budgets – January

Representative farm study of alternative production systems

Corn

- Irrigated and non-irrigated

Cotton

- Irrigated and non-irrigated

Rice:

- Conventional, Clearfield, Hybrid, and Provisia

Soybeans

- Irrigated and non-irrigated

Sorghum

Wheat

Enterprise Budget Formats:

- Production cost summary – *total enterprise costs*
- Field operation costs – *total enterprise costs*
- Net returns above variable and total costs – *owner operator*
- Net returns above variable and total costs – *tenant operator*

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

Michael A. Deliberto and Brian M. Hilbun

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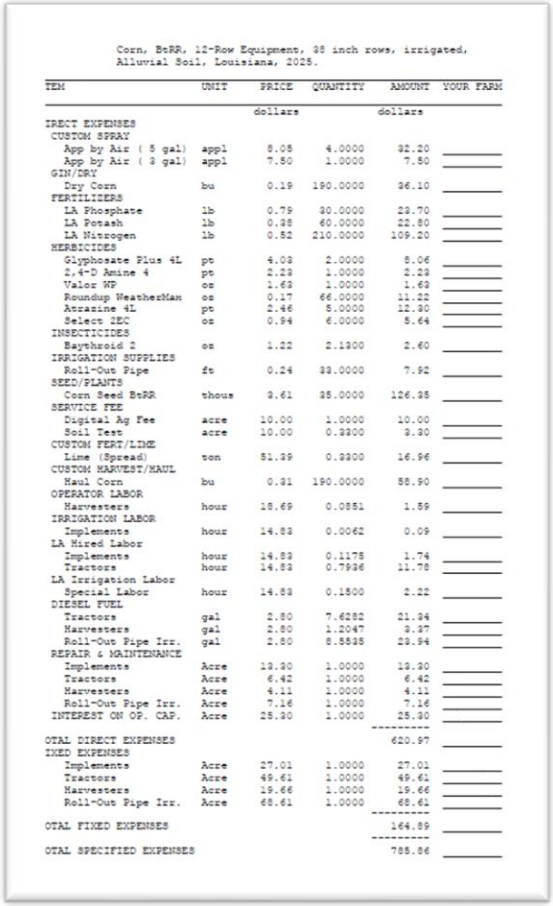
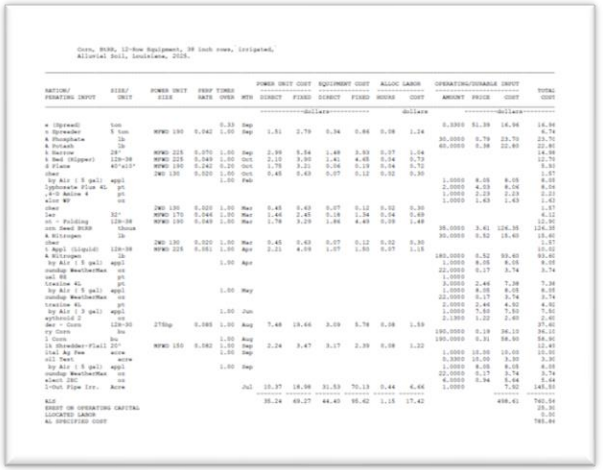
Department of Agricultural Economics & Agribusiness
Louisiana State University Agricultural Center
Agricultural Economics Information Report Series No. 380 - January 2025

2025 Corn Enterprise Budgets



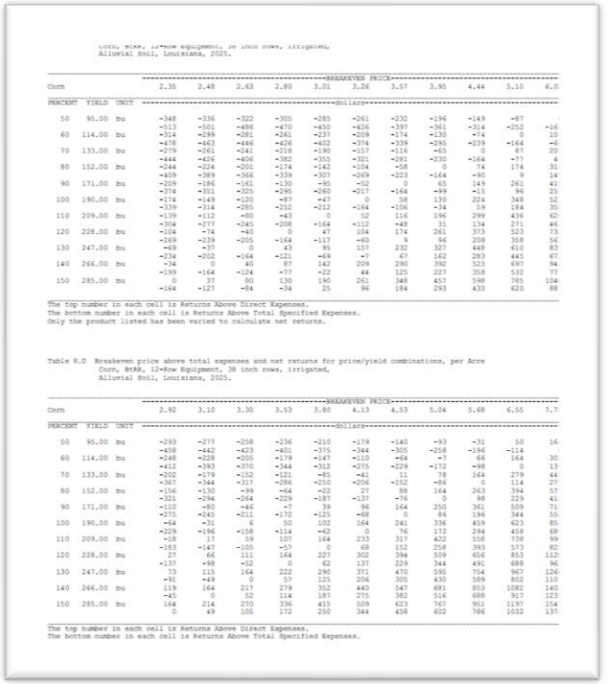
Corn, BtRR, 12-Row Equipment, 38 inch rows, irrigated,
Alluvial Soil, Louisiana, 2025.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	4.0000	32.20	
App by Air (3 gal)	appl	7.50	1.0000	7.50	
GIN/DRY					
Dry Corn	bu	0.19	190.0000	36.10	
FERTILIZERS					
LA Phosphate	lb	0.79	30.0000	23.70	
LA Potash	lb	0.98	60.0000	22.80	
LA Nitrogen	lb	0.52	210.0000	109.20	
HERBICIDES					
Glyphosate Plus 4L	pt	4.03	2.0000	8.06	
2,4-D Amine 4	pt	2.23	1.0000	2.23	
Valor WP	oz	1.69	1.0000	1.69	
Roundup WeatherMax	oz	0.17	66.0000	11.22	
Atrazine 4L	pt	2.46	5.0000	12.30	
Select 2EC	oz	0.94	6.0000	5.64	
INSECTICIDES					
Baythroid 2	oz	1.22	2.1300	2.60	
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	
SEED/PLANTS					
Corn Seed BtRR	thous	9.61	35.0000	126.35	
SERVICE FEE					
Digital Ag Fee	acre	10.00	1.0000	10.00	
Soil Test	acre	10.00	0.3300	3.30	
CUSTOM FERT/LIME					
Lime (Spread)	ton	51.39	0.3300	16.96	
CUSTOM HARVEST/HAUL					
Haul Corn	bu	0.31	190.0000	58.90	
OPERATOR LABOR					
Harvesters	hour	18.69	0.0851	1.59	
IRRIGATION LABOR					
Implements	hour	14.83	0.0062	0.09	
LA Hired Labor					
Implements	hour	14.83	0.1178	1.74	
Tractors	hour	14.83	0.7936	11.76	
LA Irrigation Labor					
Special Labor	hour	14.83	0.1500	2.22	
DIESEL FUEL					
Tractors	gal	2.80	7.6282	21.34	
Harvesters	gal	2.80	1.2047	3.37	
Roll-Out Pipe Irr.	gal	2.80	8.5535	23.94	
REPAIR & MAINTENANCE					
Implements	Acre	13.30	1.0000	13.30	
Tractors	Acre	6.42	1.0000	6.42	
Harvesters	Acre	4.11	1.0000	4.11	
Roll-Out Pipe Irr.	Acre	7.16	1.0000	7.16	
INTEREST ON OP. CAP.	Acre	25.30	1.0000	25.30	
TOTAL DIRECT EXPENSES				620.97	
IXED EXPENSES					
Implements	Acre	27.01	1.0000	27.01	
Tractors	Acre	49.61	1.0000	49.61	
Harvesters	Acre	19.66	1.0000	19.66	
Roll-Out Pipe Irr.	Acre	68.61	1.0000	68.61	
TOTAL FIXED EXPENSES				164.89	
TOTAL SPECIFIED EXPENSES				785.86	



Corn, BtRR, 12-Row Equipment, 38 inch rows, irrigated,
Alluvial Soil, Louisiana, 2025.

SECTION/ OPERATING INPUT	SIZE/ UNIT	POWER UNIT SIZE	PERF TIMES RATE	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	
a (Spread)	ton				Sep							0.3300	51.39	16.96	16.96
Spreader	5 ton	MFWD 190	0.042	1.00	Sep	1.51	2.79	0.34	0.64	0.08	1.24				6.74
A Phosphate	lb											30.0000	0.79	23.70	23.70
A Potash	lb											60.0000	0.38	22.80	22.80
Dry Corn	28"	MFWD 225	0.070	1.00	Sep	2.99	5.54	1.48	3.93	0.07	1.04				14.98
Haul (Tipper)	120-38	MFWD 225	0.049	1.00	Oct	2.10	3.90	1.41	4.65	0.04	0.73				12.79
Plane	40'x15'	MFWD 190	0.042	0.20	Oct	1.75	3.21	0.06	0.19	0.04	0.72				5.93
cher		2WD 130	0.020	1.00	Oct	0.45	0.63	0.07	0.12	0.02	0.30				1.57
by Air (5 gal)	appl				Feb							1.0000	8.05	8.05	8.05
lyphosate Plus 4L	pt											2.0000	4.03	8.06	8.06
4-D Amine 4	pt											1.0000	2.23	2.23	2.23
alor WP	oz											1.0000	1.63	1.63	1.63
cher		2WD 130	0.020	1.00	Mar	0.45	0.63	0.07	0.12	0.02	0.30				1.57
ter	32"	MFWD 170	0.041	1.00	Mar	1.46	2.45	0.18	1.54	0.04	0.69				6.12
ot - Folding	120-38	MFWD 190	0.049	1.00	Mar	1.76	3.29	1.86	4.49	0.08	1.48				12.90
ith Seed BtRR	thous											35.0000	3.61	126.35	126.35
A Nitrogen	lb											30.0000	0.52	15.60	15.60
cher		2WD 130	0.020	1.00	Mar	0.45	0.63	0.07	0.12	0.02	0.30				1.57
Appl (Liquid)	120-38	MFWD 225	0.061	1.00	Apr	2.21	4.09	1.07	1.93	0.07	1.15				10.32
A Nitrogen	lb											180.0000	0.52	93.60	93.60
by Air (5 gal)	appl			1.00	Apr							1.0000	8.05	8.05	8.05
undup WeatherMax	oz											22.0000	0.17	3.74	3.74
cel 6E	pt											1.0000			
traline 4L	pt											3.0000	2.46	7.38	7.38
by Air (5 gal)	appl			1.00	May							1.0000	8.05	8.05	8.05
undup WeatherMax	oz											22.0000	0.17	3.74	3.74
traline 4L	pt											2.0000	2.46	4.92	4.92
by Air (3 gal)	appl			1.00	Jun							1.0000	7.50	7.50	7.50
ythroid 2	oz											2.1300	1.22	2.60	2.60
der - Corn	120-30	2TRp	0.085	1.00	Aug	7.48	19.66	3.09	5.78	0.08	1.59				37.60
ry Corn	bu											190.0000	0.19	36.10	36.10
Corn	bu			1.00	Aug							190.0000	0.31	58.90	58.90
lk Shredder-Flail	20'	MFWD 150	0.082	1.00	Sep	2.24	3.47	3.17	2.39	0.08	1.22				12.49
ital Ag Fee	acre			1.00	Sep							1.0000	10.00	10.00	10.00
oil Test	acre											0.3300	10.00	3.30	3.30
by Air (5 gal)	appl			1.00	Sep							1.0000	8.05	8.05	8.05
undup WeatherMax	oz											22.0000	0.17	3.74	3.74
elect 2EC	oz											6.0000	0.94	5.64	5.64
l-Out Pipe Irr.	Acre				Jul	10.37	18.58	31.53	70.13	0.44	6.66	1.0000		7.52	145.50
LS						30.24	49.27	44.40	95.62	1.15	17.42			408.61	760.54
EBT ON OPERATING CAPITAL															25.30
LOCATED LABOR															0.00
AL SPECIFIED COST															785.84



Corn, BtRR, 12-Row Equipment, 38 inch rows, irrigated,
Alluvial Soil, Louisiana, 2025.

Corn			BREAKEVEN PRICE								
			2.35	2.48	2.63	2.80	3.01	3.26	3.57	3.95	4.44	5.10	6.0
PERCENT	YIELD	UNIT	dollars										
50	95.00	bu	-348	-336	-322	-305	-285	-261	-232	-196	-149	-87	
60	114.00	bu	-313	-301	-286	-270	-250	-226	-197	-161	-114	-52	-16
70	133.00	bu	-278	-265	-251	-234	-215	-191	-161	-125	-78	-16	20
80	152.00	bu	-244	-230	-215	-199	-179	-156	-126	-90	-43	20	56
90	171.00	bu	-209	-196	-181	-164	-144	-121	-91	-54	-7	56	92
100	190.00	bu	-174	-161	-146	-129	-109	-86	-56	-19	29	92	128
110	209.00	bu	-139	-126	-111	-94	-74	-51	-21	16	65	128	164
120	228.00	bu	-104	-91	-76	-59	-39	-16	14	51	100	164	200
130	247.00	bu	-69	-56	-41	-24	-4	19	49	86	136	200	236
140	266.00	bu	-34	-21	-6	11	31	54	84	122	171	236	272
150	285.00	bu	0	13	29	46	66	89	119	157	207	272	308

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

Table 8.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre
Corn, BtRR, 12-Row Equipment, 38 inch rows, irrigated,
Alluvial Soil, Louisiana, 2025.

Corn			BREAKEVEN PRICE										
			2.92	3.10	3.30	3.53	3.80	4.13	4.53	5.04	5.68	6.55	7.7
PERCENT	YIELD	UNIT	dollars										
50	95.00	bu	-293	-277	-258	-236	-210	-179	-140	-93	-31	50	16
60	114.00	bu	-458	-442	-423	-401	-375	-344	-305	-258	-196	-114	
70	133.00	bu	-248	-228	-205	-179	-147	-110	-64	-7	66	164	30
80	152.00	bu	-412	-393	-370	-344	-312	-275	-229	-172	-98	0	13
90	171.00	bu	-202	-179	-152	-121	-85	-41	11	78	164	279	44
100	190.00	bu	-367	-344	-317	-286	-250	-208	-152	-86	0	114	27
110	209.00	bu	-156	-130	-99	-64	-22	27	88	164	263	394	57
120	228.00	bu	-321	-294	-264	-229	-187	-137	-76	0	98	229	41
130	247.00	bu	-110	-80	-46	-7	39	96	164	250	361	509	71
140	266.00	bu	-275	-245	-211	-172	-125	-68	0	86	196	344	55
150	285.00	bu	-64	-31	6	50	102	164	241	336	459	623	85
110	209.00	bu	-229	-196	-158	-114	-62	0	76	172	294	458	68
120	228.00	bu	-18	17	59	107	164	233	317	422	558	738	99
130	247.00	bu	-183	-147	-105	-57	0	68	152	258	393	573	82
140	266.00	bu	27	66	111	164	227	302	394	509	656	853	112
150	285.00	bu	-137	-98	-52	0	62	137	229	344	491	688	96
130	247.00	bu	73	115	164	222	290	371	470	595	754	967	126
140	266.00	bu	-91	-49	0	57	125	206	305	430	589	802	110
150	285.00	bu	119	164	217	279	352	440	547	681	853	1082	140
140	266.00	bu	-45	0	52	114	187	275	382	516	688	917	123
150	285.00	bu	164	214	270	336	415	509	623	767	951	1197	154
			0	49	105	172	250	344	458	602	786	1033	137

The top number in each cell is Returns Above Direct Expenses.
The bottom number in each cell is Returns Above Total Specified Expenses.

Source: LSU AgCenter.

Corn Production System (acre)

Direct (Variable) Cost Categories

Fixed Cost Categories

Total Specified Costs

Table 6.A Estimated costs per acre
Corn, BtRR, 12-Row Equipment, 38 inch rows, irrigated, Alluvial Soil, Louisiana, 2025.

ITEM	UNIT	PRICE	QUANTITY	AMOUNT	YOUR FARM
		dollars		dollars	
DIRECT EXPENSES					
CUSTOM SPRAY					
App by Air (5 gal)	appl	8.05	4.0000	32.20	
App by Air (3 gal)	appl	7.50	1.0000	7.50	
GIN/DRY					
Dry Corn	bu	0.19	190.0000	36.10	
FERTILIZERS					
LA Phosphate	lb	0.79	30.0000	23.70	
LA Potash	lb	0.38	60.0000	22.80	
LA Nitrogen	lb	0.52	210.0000	109.20	
HERBICIDES					
Glyphosate Plus 4L	pt	4.03	2.0000	8.06	
2,4-D Amine 4	pt	2.23	1.0000	2.23	
Valor WP	oz	1.63	1.0000	1.63	
Roundup WeatherMax	oz	0.17	66.0000	11.22	
Atrazine 4L	pt	2.46	5.0000	12.30	
Select 2EC	oz	0.94	6.0000	5.64	
INSECTICIDES					
Baythroid 2	oz	1.22	2.1300	2.60	
IRRIGATION SUPPLIES					
Roll-Out Pipe	ft	0.24	33.0000	7.92	
SEED/PLANTS					
Corn Seed BtRR	thous	3.61	35.0000	126.35	
SERVICE FEE					
Digital Ag Fee	acre	10.00	1.0000	10.00	
Soil Test	acre	10.00	0.3300	3.30	
CUSTOM FERT/LIME					
Lime (Spread)	ton	51.39	0.3300	16.96	
CUSTOM HARVEST/HAUL					
Haul Corn	bu	0.31	190.0000	58.90	
OPERATOR LABOR					
Harvesters	hour	18.69	0.0851	1.59	
IRRIGATION LABOR					
Implements	hour	14.83	0.0062	0.09	
LA Hired Labor					
Implements	hour	14.83	0.1175	1.74	
Tractors	hour	14.83	0.7936	11.78	
LA Irrigation Labor					
Special Labor	hour	14.83	0.1500	2.22	
DIESEL FUEL					
Tractors	gal	2.80	7.6282	21.34	
Harvesters	gal	2.80	1.2047	3.37	
Roll-Out Pipe Irr.	gal	2.80	8.5535	23.94	
REPAIR & MAINTENANCE					
Implements	Acre	13.30	1.0000	13.30	
Tractors	Acre	6.42	1.0000	6.42	
Harvesters	Acre	4.11	1.0000	4.11	
Roll-Out Pipe Irr.	Acre	7.16	1.0000	7.16	
INTEREST ON OP. CAP.	Acre	25.30	1.0000	25.30	
TOTAL DIRECT EXPENSES				620.97	
FIXED EXPENSES					
Implements	Acre	27.01	1.0000	27.01	
Tractors	Acre	49.61	1.0000	49.61	
Harvesters	Acre	19.66	1.0000	19.66	
Roll-Out Pipe Irr.	Acre	68.61	1.0000	68.61	
TOTAL FIXED EXPENSES				164.89	
TOTAL SPECIFIED EXPENSES				785.86	

*(Price*Quantity) = Amount*

Source: LSU AgCenter.

Table 8.B Estimated resource use and costs for field operations, per Acre
Corn, BtRR, 12-Row Equipment, 38 inch rows, 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	
Lime (Spread)	ton			0.33	Sep							0.3300	51.39	16.96	16.96
Spin Spreader	5 ton	MFWD 190	0.042	1.00	Sep	1.51	2.79	0.34	0.86	0.08	1.24				6.74
LA Phosphate	lb											30.0000	0.79	23.70	23.70
LA Potash	lb											60.0000	0.38	22.80	22.80
Disk Harrow	28'	MFWD 225	0.070	1.00	Sep	2.99	5.54	1.48	3.93	0.07	1.04				14.98
Disk Bed (Hipper)	12R-38	MFWD 225	0.049	1.00	Oct	2.10	3.90	1.41	4.65	0.04	0.73				12.79
Land Plane	40'x10'	MFWD 190	0.242	0.20	Oct	1.75	3.21	0.06	0.19	0.04	0.72				5.93
Ditcher		2WD 130	0.020	1.00	Oct	0.45	0.63	0.07	0.12	0.02	0.30				1.57
App by Air (5 gal)	appl			1.00	Feb							1.0000	8.05	8.05	8.05
Glyphosate Plus 4L	pt											2.0000	4.03	8.06	8.06
2,4-D Amine 4	pt											1.0000	2.23	2.23	2.23
Valor WP	oz											1.0000	1.63	1.63	1.63
Ditcher		2WD 130	0.020	1.00	Mar	0.45	0.63	0.07	0.12	0.02	0.30				1.57
Roller	32'	MFWD 170	0.046	1.00	Mar	1.46	2.45	0.18	1.34	0.04	0.69				6.12
Plant - Folding	12R-38	MFWD 190	0.049	1.00	Mar	1.78	3.29	1.86	4.49	0.09	1.48				12.90
Corn Seed BtRR	thous											35.0000	3.61	126.35	126.35
LA Nitrogen	lb											30.0000	0.52	15.60	15.60
Ditcher		2WD 130	0.020	1.00	Mar	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											180.0000	0.52	93.60	93.60
App by Air (5 gal)	appl			1.00	Apr							1.0000	8.05	8.05	8.05
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Dual 8E	pt											1.0000			
Atrazine 4L	pt											3.0000	2.46	7.38	7.38
App by Air (5 gal)	appl			1.00	May							1.0000	8.05	8.05	8.05
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Atrazine 4L	pt											2.0000	2.46	4.92	4.92
App by Air (3 gal)	appl			1.00	Jun							1.0000	7.50	7.50	7.50
Baythroid 2	oz											2.1300	1.22	2.60	2.60
Header - Corn	12R-30	275hp	0.085	1.00	Aug	7.48	19.66	3.09	5.78	0.08	1.59				37.60
Dry Corn	bu											190.0000	0.19	36.10	36.10
Haul Corn	bu			1.00	Aug							190.0000	0.31	58.90	58.90
Stalk Shredder-Flail	20'	MFWD 150	0.082	1.00	Sep	2.24	3.47	3.17	2.39	0.08	1.22				12.49
Digital Ag Fee	acre			1.00	Sep							1.0000	10.00	10.00	10.00
Soil Test	acre											0.3300	10.00	3.30	3.30
App by Air (5 gal)	appl			1.00	Sep							1.0000	8.05	8.05	8.05
Roundup WeatherMax	oz											22.0000	0.17	3.74	3.74
Select 2EC	oz											6.0000	0.94	5.64	5.64
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						35.24	69.27	44.40	95.62	1.15	17.42			498.61	760.56
INTEREST ON OPERATING CAPITAL															25.30
UNALLOCATED LABOR															0.00
TOTAL SPECIFIED COST															785.86

Source: LSU AgCenter.

Developing an Enterprise Budget

Using existing data from the LSU AgCenter

Appendix Table 5. 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

Appendix Table 5. Operating Inputs: Estimated Prices for 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

Enterprise budgets from the AgCenter can be another source of projecting input unit costs for:

Fertilizers
Fungicides
Herbicides
Insecticides
Seed
etc.

Source: LSU AgCenter.

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Using existing data from the LSU AgCenter

Appendix Table 6. 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					
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

Appendix Table 8. 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.	R&M P.U.	Total Direct	Fixed Imp.	Fixed 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

28 Ft Disk Harrow – Associated fuel price is the fuel consumption per hour for the MFWD 225 tractor times the fuel price times the performance rate.

Similarly, the R&M is the R&M percentage times purchase price divided by Total Hours (annual use times Useful Life). This is converted to per acre estimate by multiplying by Performance Rate

Performance rate is estimate for number of hours needed to complete one acre. Can be converted to acres covered per hour by:

Acres per Hour =
60 / (Performance Rate * 60)

Acres per hour for 28 ft Disk Harrow =
60/(.070*60) = 14.3 acres per hour

Source: LSU AgCenter.

Table 8.C Breakeven price above direct expenses and net returns for price/yield combinations, per Acre
Corn, BtRR, 12-Row Equipment, 38 inch rows, irrigated,
Alluvial Soil, Louisiana, 2025.

			BREAKEVEN PRICE									
Corn			2.35	2.48	2.63	2.80	3.01	3.26	3.57	3.95	4.44	5.10	6.02
PERCENT	YIELD	UNIT	dollars										
50	95.00	bu	-348	-336	-322	-305	-285	-261	-232	-196	-149	-87	0
			-513	-501	-486	-470	-450	-426	-397	-361	-314	-252	-164
60	114.00	bu	-314	-299	-281	-261	-237	-209	-174	-130	-74	0	104
			-478	-463	-446	-426	-402	-374	-339	-295	-239	-164	-60
70	133.00	bu	-279	-261	-241	-218	-190	-157	-116	-65	0	87	209
			-444	-426	-406	-382	-355	-321	-281	-230	-164	-77	44
80	152.00	bu	-244	-224	-201	-174	-142	-104	-58	0	74	174	314
			-409	-389	-366	-339	-307	-269	-223	-164	-90	9	149
90	171.00	bu	-209	-186	-161	-130	-95	-52	0	65	149	261	418
			-374	-351	-325	-295	-260	-217	-164	-99	-15	96	253
100	190.00	bu	-174	-149	-120	-87	-47	0	58	130	224	348	523
			-339	-314	-285	-252	-212	-164	-106	-34	59	184	358
110	209.00	bu	-139	-112	-80	-43	0	52	116	196	299	436	628
			-304	-277	-245	-208	-164	-112	-48	31	134	271	463
120	228.00	bu	-104	-74	-40	0	47	104	174	261	373	523	732
			-269	-239	-205	-164	-117	-60	9	96	208	358	567
130	247.00	bu	-69	-37	0	43	95	157	232	327	448	610	837
			-234	-202	-164	-121	-69	-7	67	162	283	445	672
140	266.00	bu	-34	0	40	87	142	209	290	392	523	697	942
			-199	-164	-124	-77	-22	44	125	227	358	532	777
150	285.00	bu	0	37	80	130	190	261	348	457	598	785	1046
			-164	-127	-84	-34	25	96	184	293	433	620	881

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

Table 8.D Breakeven price above total expenses and net returns for price/yield combinations, per Acre
Corn, BtRR, 12-Row Equipment, 38 inch rows, irrigated,
Alluvial Soil, Louisiana, 2025.

			BREAKEVEN PRICE									
Corn			2.92	3.10	3.30	3.53	3.80	4.13	4.53	5.04	5.68	6.55	7.75
PERCENT	YIELD	UNIT	dollars										
50	95.00	bu	-293	-277	-258	-236	-210	-179	-140	-93	-31	50	164
			-458	-442	-423	-401	-375	-344	-305	-258	-196	-114	0
60	114.00	bu	-248	-228	-205	-179	-147	-110	-64	-7	66	164	302
			-412	-393	-370	-344	-312	-275	-229	-172	-98	0	137
70	133.00	bu	-202	-179	-152	-121	-85	-41	11	78	164	279	440
			-367	-344	-317	-286	-250	-206	-152	-86	0	114	275
80	152.00	bu	-156	-130	-99	-64	-22	27	88	164	263	394	577
			-321	-294	-264	-229	-187	-137	-76	0	98	229	412
90	171.00	bu	-110	-80	-46	-7	39	96	164	250	361	509	715
			-275	-245	-211	-172	-125	-68	0	86	196	344	550
100	190.00	bu	-64	-31	6	50	102	164	241	336	459	623	853
			-229	-196	-158	-114	-62	0	76	172	294	458	688
110	209.00	bu	-18	17	59	107	164	233	317	422	558	738	990
			-183	-147	-105	-57	0	68	152	258	393	573	825
120	228.00	bu	27	66	111	164	227	302	394	509	656	853	1128
			-137	-98	-52	0	62	137	229	344	491	688	963
130	247.00	bu	73	115	164	222	290	371	470	595	754	967	1266
			-91	-49	0	57	125	206	305	430	589	802	1101
140	266.00	bu	119	164	217	279	352	440	547	681	853	1082	1403
			-45	0	52	114	187	275	382	516	688	917	1238
150	285.00	bu	164	214	270	336	415	509	623	767	951	1197	1541
			0	49	105	172	250	344	458	602	786	1032	1376

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.

Estimates the net returns ($/ac) above direct costs over a range of price and yield combinations.

Estimates the net returns ($/ac) above total costs over a range of price and yield combinations.

Source: LSU AgCenter.

Interactive Sensitivity Analysis Enterprise Budgets

Producer driven enterprise budget for corn in Louisiana

ITEM	UNIT	PRICE	QUANTITY	Total Amount	Landlord Share %	Landlord Share	Tenant Share
INCOME							
Corn	bu	$ 4.30	190.00	$ 817.00	0.0%	$ -	$ 817.00
TOTAL INCOME				$ 817.00		$ -	$ 817.00
DIRECT EXPENSES							
CUSTOM SPRAY							
App by Air (5 gal)	appl	$ 8.05	4.00	$ 32.20	0.0%	$ -	$ 32.20
App by Air (3 gal)	appl	$ 7.50	1.00	$ 7.50	0.0%	$ -	$ 7.50
DRYING							
Dry Corn	bu	$ 0.19	190.00	$ 36.10	0.0%	$ -	$ 36.10
FERTILIZERS							
Phosphate	lb	$ 0.79	30.00	$ 23.70	0.0%	$ -	$ 23.70
Potash	lb	$ 0.38	60.00	$ 22.80	0.0%	$ -	$ 22.80
Nitrogen	lb	$ 0.52	210.00	$ 109.20	0.0%	$ -	$ 109.20
HERBICIDES							
Glyphosate Plus 4L	pt	$ 4.03	2.00	$ 8.06	0.0%	$ -	$ 8.06
2,4-D Amine 4	pt	$ 2.23	1.00	$ 2.23	0.0%	$ -	$ 2.23
Valor WP	oz	$ 1.63	1.00	$ 1.63	0.0%	$ -	$ 1.63
Roundup Weathermax	oz	$ 0.17	66.00	$ 11.22	0.0%	$ -	$ 11.22
Atrazine 4L	pt	$ 2.46	5.00	$ 12.30	0.0%	$ -	$ 12.30
Select 2EC	oz	$ 0.94	6.00	$ 5.64	0.0%	$ -	$ 5.64
INSECTICIDES							
Baythroid 2	oz	$ 1.22	2.13	$ 2.60	0.0%	$ -	$ 2.60
IRRIGATION SUPPLIES							
Roll-out Pipe	ft	$ 0.24	33.00	$ 7.92	0.0%	$ -	$ 7.92
SEED/PLANTS							
Corn Seed BtRR	thous	$ 3.61	35.00	$ 126.35	0.0%	$ -	$ 126.35
SERVICE FEE							
Digital Ag Fee	acre	$ 10.00	1.00	$ 10.00	0.0%	$ -	$ 10.00
Soil Test	acre	$ 10.00	0.33	$ 3.30	0.0%	$ -	$ 3.30
CUSTOM FERTILIZE							
Lime (Spread)	ton	$ 51.39	0.33	$ 16.96	0.0%	$ -	$ 16.96
HAULING							
Haul Corn	bu	$ 0.31	190.00	$ 58.90	0.0%	$ -	$ 58.90
OPERATOR LABOR							
Harvester	hour	$ 18.69	0.09	$ 1.59	0.0%	$ -	$ 1.59
IRRIGATION LABOR							
Implements	hour	$ 14.83	0.01	$ 0.09	0.0%	$ -	$ 0.09
HIRED LABOR							
Implements	hour	$ 14.83	0.12	$ 1.74	0.0%	$ -	$ 1.74
Tractors	hour	$ 14.83	0.79	$ 11.77	0.0%	$ -	$ 11.77
LA IRRIGATION LABOR							
Special Labor	hour	$ 14.83	0.15	$ 2.22	0.0%	$ -	$ 2.22
DIESEL FUEL							
Tractors	gal	$ 2.80	7.63	$ 21.36	0.0%	$ -	$ 21.36
Harvester	gal	$ 2.80	1.20	$ 3.37	0.0%	$ -	$ 3.37
Roll-out Pipe Irrigation	gal	$ 2.80	8.55	$ 23.95	0.0%	$ -	$ 23.95
REPAIR & MAINTENANCE							
Implements	acre	$ 13.30	1.00	$ 13.30	0.0%	$ -	$ 13.30
Tractors	acre	$ 6.42	1.00	$ 6.42	0.0%	$ -	$ 6.42
Harvester	acre	$ 4.11	1.00	$ 4.11	0.0%	$ -	$ 4.11
Roll-out Pipe Irrigation	acre	$ 7.16	1.00	$ 7.16	0.0%	$ -	$ 7.16
INTEREST ON OP. CAP.	acre	$ 25.30	1.00	$ 25.30	0.0%	$ -	$ 25.30
TOTAL DIRECT EXPENSES				$ 620.99		$ -	$ 620.99
RETURNS ABOVE DIRECT EXPENSES				$ 196.01		$ -	$ 196.01
FIXED EXPENSES							
Implements	acre		1.00	$ 27.01	0.0%	$ -	$ 27.01
Tractors	acre	$ 27.01	1.00	$ 49.61	0.0%	$ -	$ 49.61
Harvester	acre	$ 49.61	1.00	$ 19.66	0.0%	$ -	$ 19.66
Roll-out Pipe Irrigation	acre	$ 19.66	1.00	$ -	0.0%	$ -	$ -
TOTAL FIXED EXPENSES				$ 96.28		$ -	$ 96.28
TOTAL SPECIFIED EXPENSES				$ 717.27		$ -	$ 717.27
RETURNS ABOVE TOTAL SPECIFIED EXPENSES				$ 99.73		$ -	$ 99.73

Returns Above Variable (Direct) Production Expenses to the Grower (with share rent)

	Corn Price								
Yield	$ 4.10	$ 4.15	$ 4.20	$ 4.25	**$ 4.30**	$ 4.35	$ 4.40	$ 4.45	$ 4.50
170.00	$ 76.01	$ 84.51	$ 93.01	$ 101.51	$ 110.01	$ 118.51	$ 127.01	$ 135.51	$ 144.01
175.00	$ 96.51	$ 105.26	$ 114.01	$ 122.76	$ 131.51	$ 140.26	$ 149.01	$ 157.76	$ 166.51
180.00	$ 117.01	$ 126.01	$ 135.01	$ 144.01	$ 153.01	$ 162.01	$ 171.01	$ 180.01	$ 189.01
185.00	$ 137.51	$ 146.76	$ 156.01	$ 165.26	$ 174.51	$ 183.76	$ 193.01	$ 202.26	$ 211.51
190.00	$ 158.01	$ 167.51	$ 177.01	$ 186.51	$ 196.01	$ 205.51	$ 215.01	$ 224.51	$ 234.01
195.00	$ 178.51	$ 188.26	$ 198.01	$ 207.76	$ 217.51	$ 227.26	$ 237.01	$ 246.76	$ 256.51
200.00	$ 199.01	$ 209.01	$ 219.01	$ 229.01	$ 239.01	$ 249.01	$ 259.01	$ 269.01	$ 279.01
205.00	$ 219.51	$ 229.76	$ 240.01	$ 250.26	$ 260.51	$ 270.76	$ 281.01	$ 291.26	$ 301.51
210.00	$ 240.01	$ 250.51	$ 261.01	$ 271.51	$ 282.01	$ 292.51	$ 303.01	$ 313.51	$ 324.01

Budget documents prepared for corn, cotton, grain sorghum, rice, soybeans, and wheat to include NE and SW production regions of the state.

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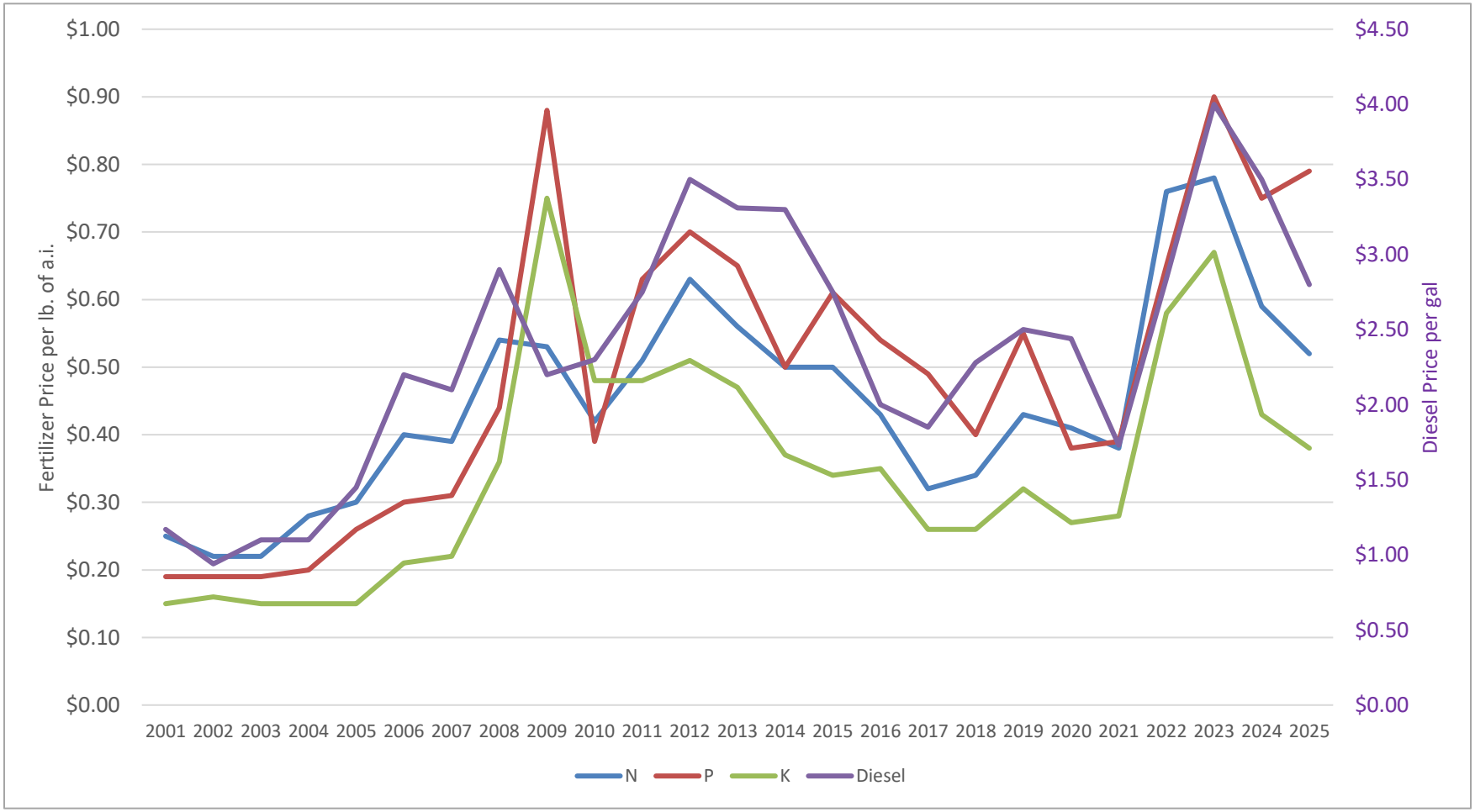
Fertilizer and Fuel Input Prices in Louisiana

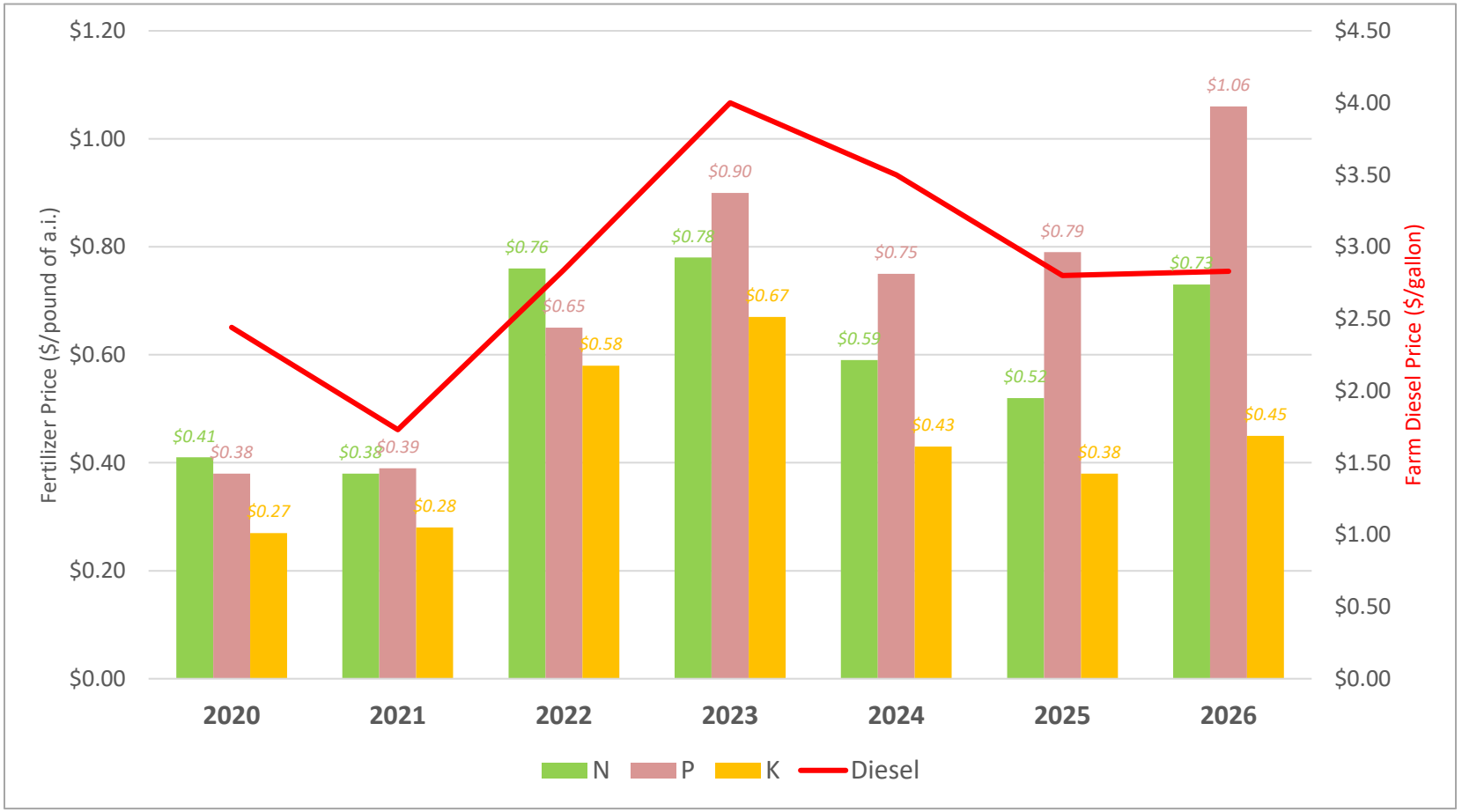
Long term trend denotes implied volatility in energy-related farm inputs



Source: LSU AgCenter.

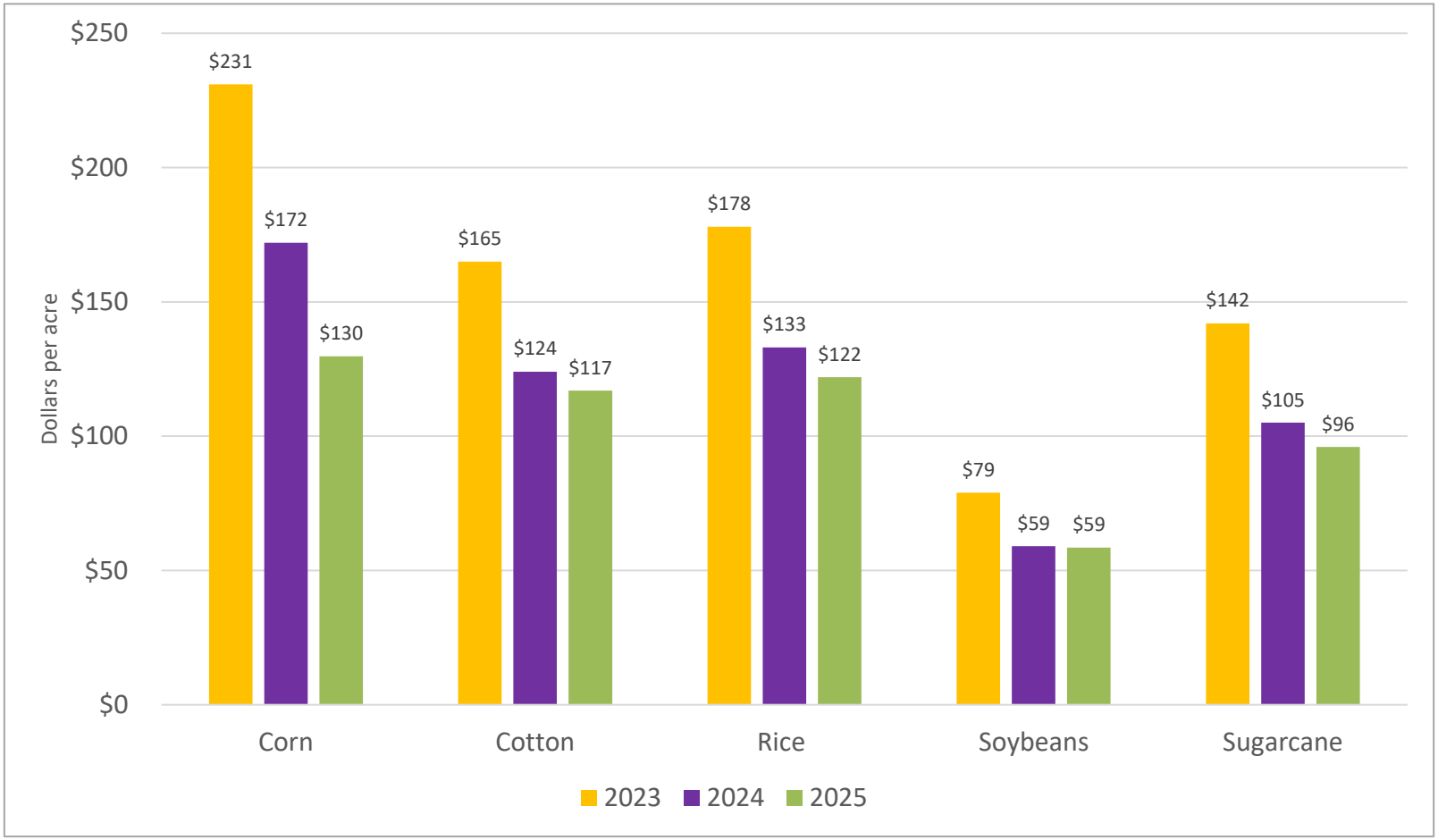
Production Costs in Louisiana

Inputs projected higher moving in 2026 for all fertilizers and diesel fuel



Fertilizer Costs for Selected Row Crops

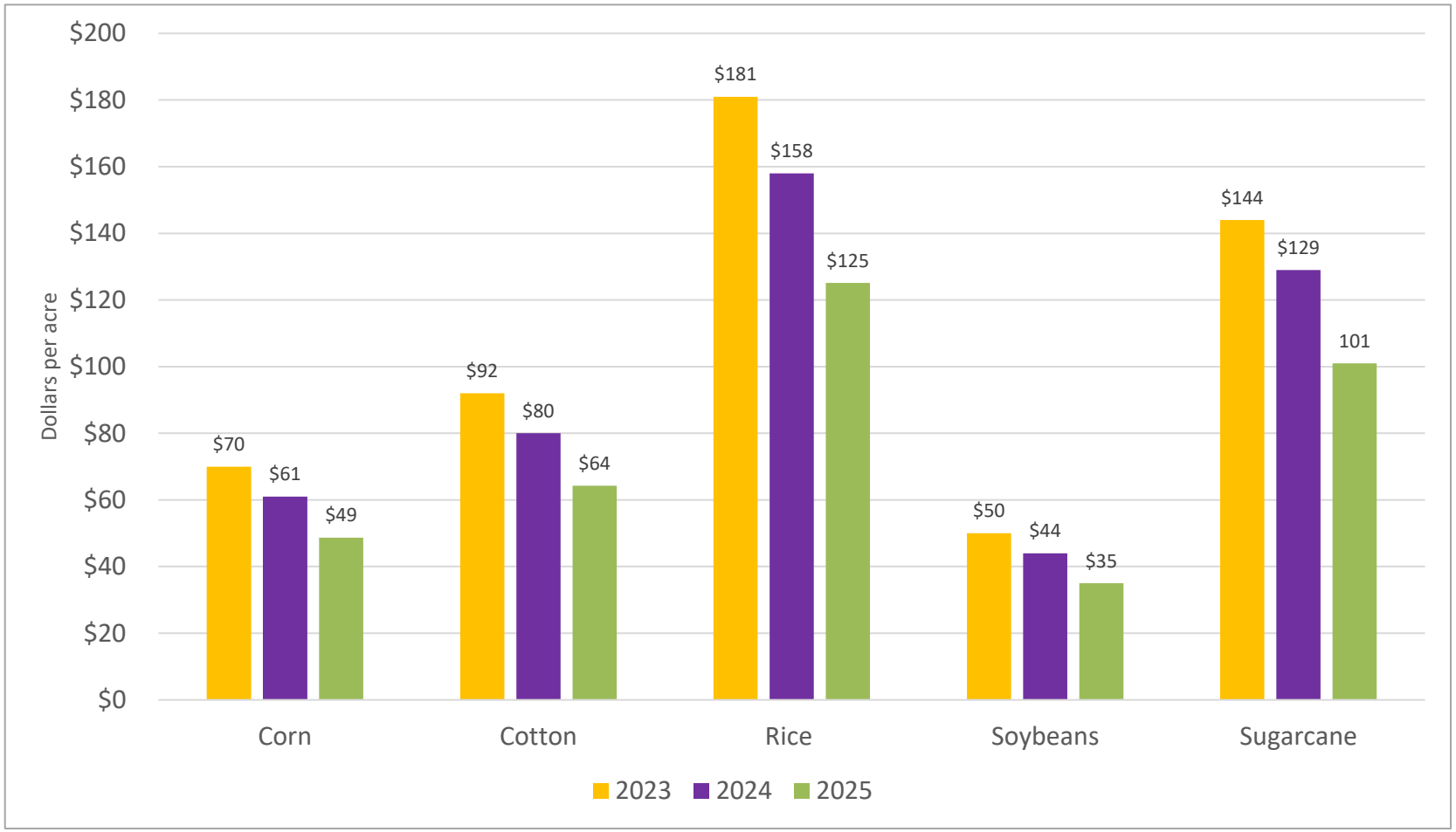
Three-year summary of total fertilizer costs per acre



Source: LSU AgCenter.

Fuel Costs for Selected Row Crops

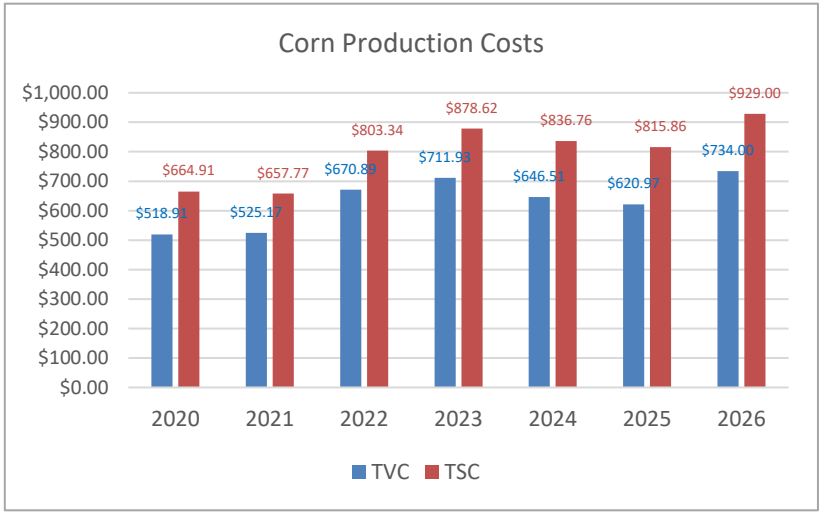
Three-year summary of total fertilizer costs per acre

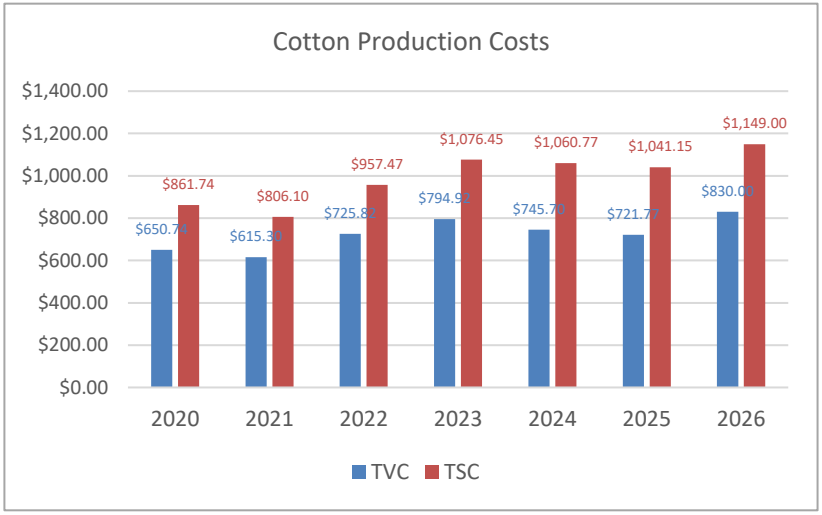


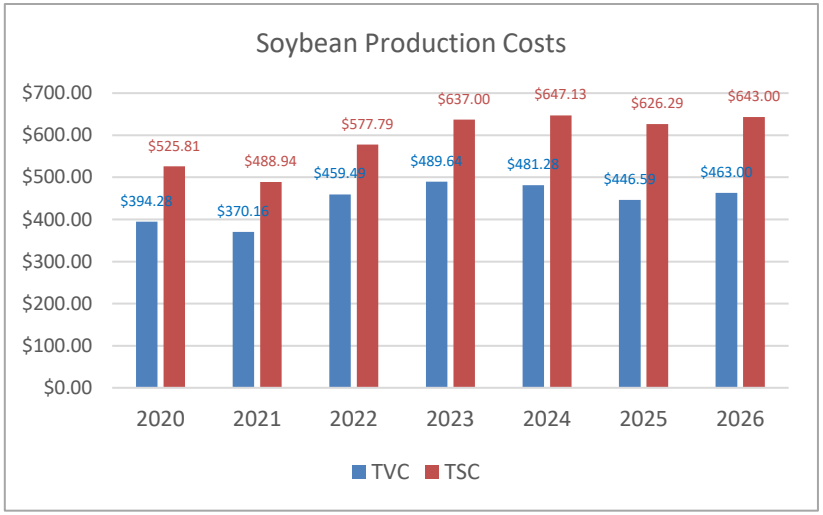
Source: LSU AgCenter.

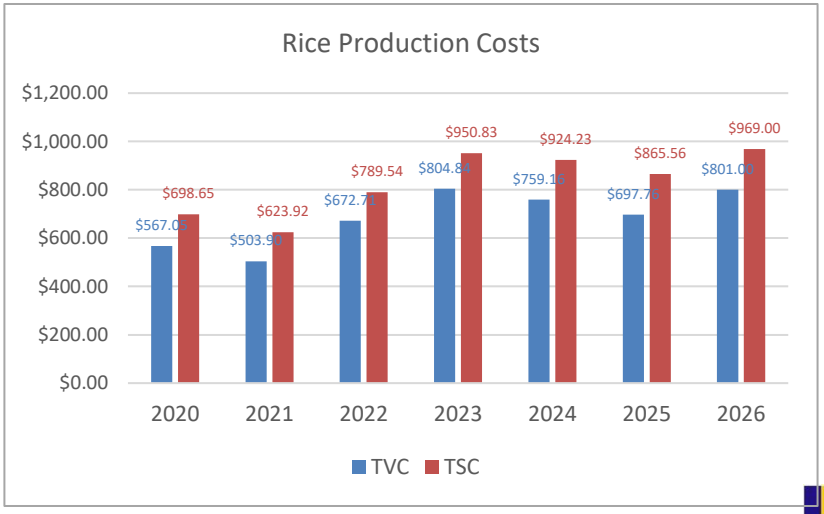
Production Costs in Louisiana

Inputs projected higher moving in 2026 for all fertilizers and diesel fuel









2026 Breakeven Costs and Futures Prices

What is the price needed to cover total production costs next year?

Crop	Variable Costs/ac	Fixed Costs/ac	Total Costs/ac	Expected Farm Yield	BE @ Var. Costs	BE @ Fixed Costs	BE @ Total Costs
Corn	$734	$165	$1,029	190	$3.86	$4.73	$5.42
Cotton	$830	$289	$1,249	1,150	$0.72	$0.97	$1.09
Soybeans	$463	$140	$733	65	$7.12	$9.27	$11.27
Rice	$801	$137	$1,070	80	$10.01	$11.73	$13.35

- Variable and fixed cost of production obtained from the LSU AgCenter's *Commodity Costs and Returns Enterprise Budgets* for northeast Louisiana.
- Total Costs include variable, fixed, $30 overhead, and $100 cash rent across all crops.
- Breakeven (BE) prices are presented across three cost levels.
- Futures prices represent December '26 corn and cotton, November '26 soybeans, and September '26 rough rice on October 13, 2025 and November 26, 2025.

Crop	Futures Mid-Oct.	Futures Late-Nov.
Corn	$4.41	$4.65
Cotton	$0.68	$0.68
Soybeans	$10.56	$11.22
Rice	$11.99	$11.06

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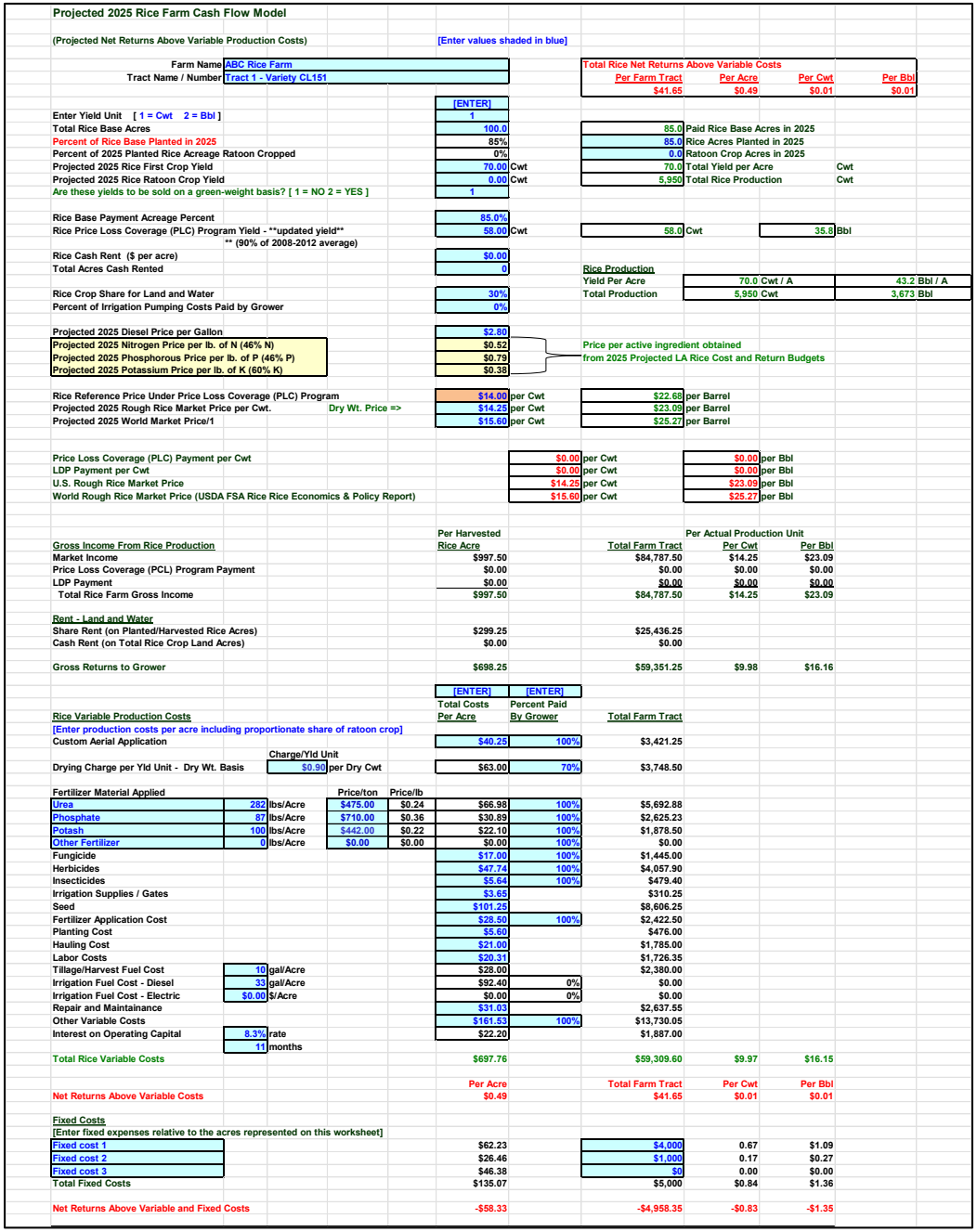

Projected 2025 Rice Farm Cash Flow Model

(Projected Net Returns Above Variable Production Costs) [Enter values shaded in blue]

Farm Name: ABC Rice Farm
Tract Name / Number: Tract 1 - Variety CL151

	[ENTER]				
Enter Yield Unit [1 = Cwt 2 = Bbl]	1				
Total Rice Base Acres	100.0		85.0	Paid Rice Base Acres in 2025	
Percent of Rice Base Planted in 2025	85%		85.0	Rice Acres Planted in 2025	
Percent of 2025 Planted Rice Acreage Ratoon Cropped	0%		0.0	Ratoon Crop Acres in 2025	
Projected 2025 Rice First Crop Yield	70.00	Cwt	70.0	Total Yield per Acre	Cwt
Projected 2025 Rice Ratoon Crop Yield	0.00	Cwt	5,950	Total Rice Production	Cwt
Are these yields to be sold on a green-weight basis? [1 = NO 2 = YES]	1				
Rice Base Payment Acreage Percent	85.0%				
Rice Price Loss Coverage (PLC) Program Yield - **updated yield**	58.00	Cwt	58.0	Cwt	35.8 Bbl
** (90% of 2008-2012 average)					
Rice Cash Rent ($ per acre)	$0.00				
Total Acres Cash Rented	0				
Rice Crop Share for Land and Water	30%				
Percent of Irrigation Pumping Costs Paid by Grower	0%				

Rice Production

Yield Per Acre	70.0 Cwt / A	43.2 Bbl / A
Total Production	5,950 Cwt	3,673 Bbl

Projected 2025 Diesel Price per Gallon	$2.80	
Projected 2025 Nitrogen Price per lb. of N (46% N)	$0.52	Price per active ingredient obtained
Projected 2025 Phosphorous Price per lb. of P (46% P)	$0.79	from 2025 Projected LA Rice Cost and Return Budgets
Projected 2025 Potassium Price per lb. of K (60% K)	$0.38	

Rice Reference Price Under Price Loss Coverage (PLC) Program	$14.00	per Cwt	$22.68	per Barrel
Projected 2025 Rough Rice Market Price per Cwt. Dry Wt. Price =>	$14.25	per Cwt	$23.09	per Barrel
Projected 2025 World Market Price/1	$15.60	per Cwt	$25.27	per Barrel

Price Loss Coverage (PLC) Payment per Cwt	$0.00	per Cwt	$0.00	per Bbl
LDP Payment per Cwt	$0.00	per Cwt	$0.00	per Bbl
U.S. Rough Rice Market Price	$14.25	per Cwt	$23.09	per Bbl
World Rough Rice Market Price (USDA FSA Rice Rice Economics & Policy Report)	$15.60	per Cwt	$25.27	per Bbl

Gross Income From Rice Production	Per Harvested Rice Acre	Total Farm Tract	Per Actual Production Unit Per Cwt	Per Bbl
Market Income	$997.50	$84,787.50	$14.25	$23.09
Price Loss Coverage (PCL) Program Payment	$0.00	$0.00	$0.00	$0.00
LDP Payment	$0.00	$0.00	$0.00	$0.00
Total Rice Farm Gross Income	$997.50	$84,787.50	$14.25	$23.09
Rent - Land and Water				
Share Rent (on Planted/Harvested Rice Acres)	$299.25	$25,436.25		
Cash Rent (on Total Rice Crop Land Acres)	$0.00	$0.00		
Gross Returns to Grower	$698.25	$59,351.25	$9.98	$16.16

Rice Variable Production Costs					[ENTER] Total Costs Per Acre	[ENTER] Percent Paid By Grower	Total Farm Tract
[Enter production costs per acre including proportionate share of ratoon crop]							
Custom Aerial Application					$40.25	100%	$3,421.25
	Charge/Yld Unit						
Drying Charge per Yld Unit - Dry Wt. Basis	$0.90	per Dry Cwt			$63.00	70%	$3,748.50
Fertilizer Material Applied			Price/ton	Price/lb			
Urea	282	lbs/Acre	$475.00	$0.24	$66.98	100%	$5,692.88
Phosphate	87	lbs/Acre	$710.00	$0.36	$30.89	100%	$2,625.23
Potash	100	lbs/Acre	$442.00	$0.22	$22.10	100%	$1,878.50
Other Fertilizer	0	lbs/Acre	$0.00	$0.00	$0.00	100%	$0.00
Fungicide					$17.00	100%	$1,445.00
Herbicides					$47.74	100%	$4,057.90
Insecticides					$5.64	100%	$479.40
Irrigation Supplies / Gates					$3.65		$310.25
Seed					$101.25		$8,606.25
Fertilizer Application Cost					$28.50	100%	$2,422.50
Planting Cost					$5.60		$476.00
Hauling Cost					$21.00		$1,785.00
Labor Costs					$20.31		$1,726.35
Tillage/Harvest Fuel Cost	10	gal/Acre			$28.00		$2,380.00
Irrigation Fuel Cost - Diesel	33	gal/Acre			$92.40	0%	$0.00
Irrigation Fuel Cost - Electric	$0.00	$/Acre			$0.00	0%	$0.00
Repair and Maintainance					$31.03		$2,637.55
Other Variable Costs					$161.53	100%	$13,730.05
Interest on Operating Capital	8.3%	rate			$22.20		$1,887.00
	11	months					
Total Rice Variable Costs					$697.76		$59,309.60

	Per Acre	Total Farm Tract	Per Cwt	Per Bbl
Net Returns Above Variable Costs	$0.49	$41.65	$0.01	$0.01

Fixed Costs [Enter fixed expenses relative to the acres represented on this worksheet]				
Fixed cost 1	$62.23	$4,000	0.67	$1.09
Fixed cost 2	$26.46	$1,000	0.17	$0.27
Fixed cost 3	$46.38	$0	0.00	$0.00
Total Fixed Costs	$135.07	$5,000	$0.84	$1.36
Net Returns Above Variable and Fixed Costs	-$58.33	-$4,958.35	-$0.83	-$1.35

2025 Rice Cash Flow Model (MS Excel)

Source: LSU AgCenter.

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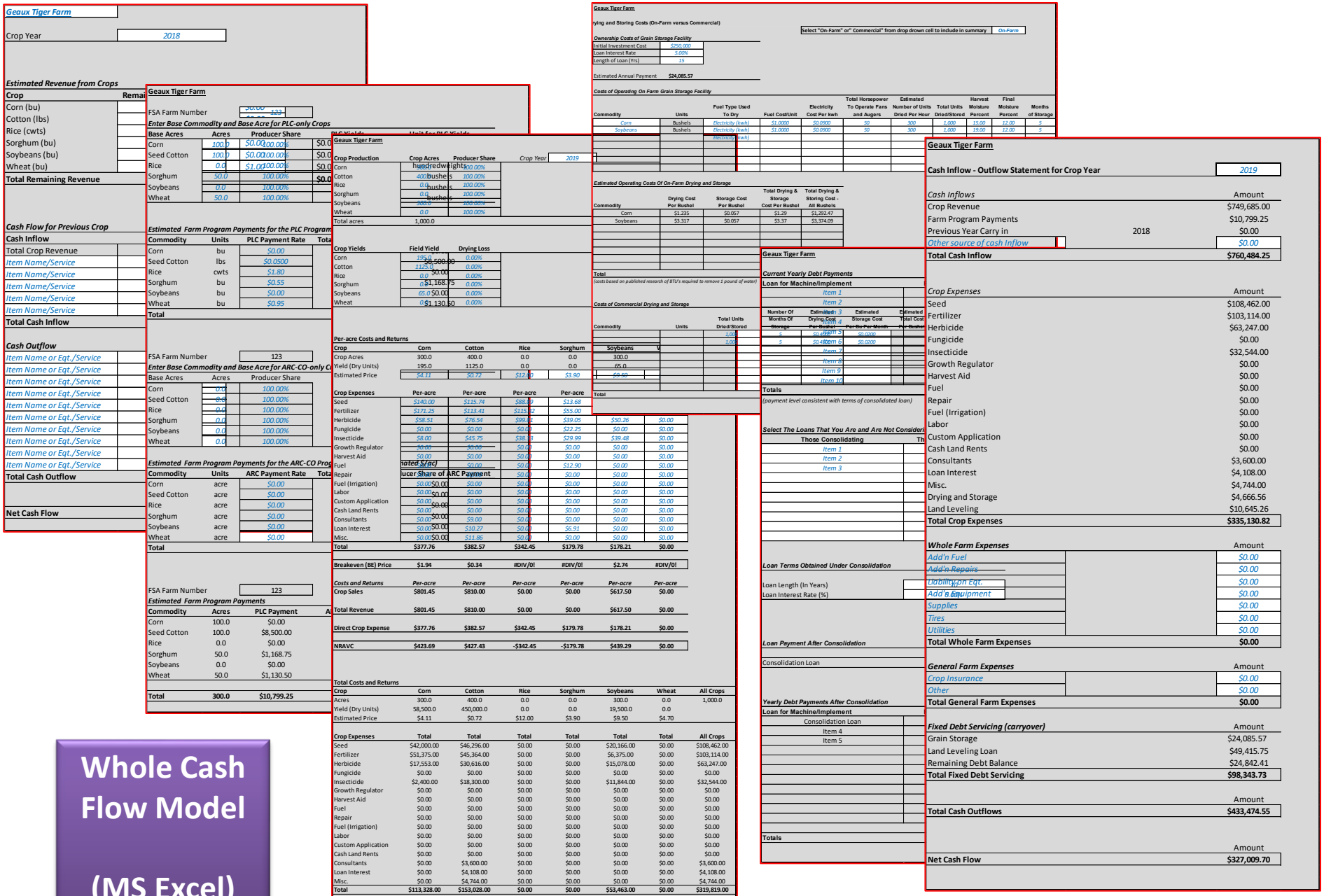

Geaux Tiger Farm

Crop Year 2018

Estimated Revenue from Crops

Crop	Remai
Corn (bu)	
Cotton (lbs)	
Rice (cwts)	
Sorghum (bu)	
Soybeans (bu)	
Wheat (bu)	
Total Remaining Revenue	

Cash Flow for Previous Crop

Cash Inflow
Total Crop Revenue
Item Name/Service
Item Name/Service
Item Name/Service
Item Name/Service
Item Name/Service
Total Cash Inflow

Cash Outflow

Item Name or Eqt./Service
Item Name or Eqt./Service
Item Name or Eqt./Service
Item Name or Eqt./Service
Item Name or Eqt./Service
Item Name or Eqt./Service
Item Name or Eqt./Service
Item Name or Eqt./Service
Item Name or Eqt./Service
Total Cash Outflow

Net Cash Flow

Geaux Tiger Farm

FSA Farm Number 123

Enter Base Commodity and Base Acre for PLC-only Crops

Base Acres	Acres	Producer Share	
Corn	100.0	50.00%	$0.0
Seed Cotton	100.0	50.00%	$0.0
Rice	0.0	100.00%	$0.0
Sorghum	50.0	100.00%	$0.0
Soybeans	0.0	100.00%	
Wheat	50.0	100.00%	

Estimated Farm Program Payments for the PLC Program

Commodity	Units	PLC Payment Rate	Tota
Corn	bu	$0.00	
Seed Cotton	lbs	$0.0500	
Rice	cwts	$1.80	
Sorghum	bu	$0.55	
Soybeans	bu	$0.00	
Wheat	bu	$0.95	
Total			

FSA Farm Number 123

Enter Base Commodity and Base Acre for ARC-CO-only C

Base Acres	Acres	Producer Share
Corn	0.0	100.00%
Seed Cotton	0.0	100.00%
Rice	0.0	100.00%
Sorghum	0.0	100.00%
Soybeans	0.0	100.00%
Wheat	0.0	100.00%

Estimated Farm Program Payments for the ARC-CO Prog

Commodity	Units	ARC Payment Rate	Tota
Corn	acre	$0.00	
Seed Cotton	acre	$0.00	
Rice	acre	$0.00	
Sorghum	acre	$0.00	
Soybeans	acre	$0.00	
Wheat	acre	$0.00	
Total			

FSA Farm Number 123

Estimated Farm Program Payments

Commodity	Acres	PLC Payment	A
Corn	100.0	$0.00	
Seed Cotton	100.0	$8,500.00	
Rice	0.0	$0.00	
Sorghum	50.0	$1,168.75	
Soybeans	0.0	$0.00	
Wheat	50.0	$1,130.50	
Total	300.0	$10,799.25	

Geaux Tiger Farm

Crop Production

Crop	Crop Acres	Producer Share	Crop Year 2019
Corn	100.0	100.00%	
Cotton	400.0	100.00%	
Rice	0.0	100.00%	
Sorghum	0.0	100.00%	
Soybeans	300.0	100.00%	
Wheat	0.0	100.00%	
Total acres	1,000.0		

Crop Yields

Crop	Field Yield	Drying Loss
Corn	195.0	0.00%
Cotton	1125.0	0.00%
Rice	0.0	0.00%
Sorghum	0.0	0.00%
Soybeans	65.0	0.00%
Wheat	0.0	0.00%

Per-acre Costs and Returns

Crop	Corn	Cotton	Rice	Sorghum	Soybeans	W
Crop Acres	300.0	400.0	0.0	0.0	300.0	
Yield (Dry Units)	195.0	1125.0	0.0	0.0	65.0	
Estimated Price	$4.11	$0.72	$12.00	$3.90	$9.50	
Crop Expenses	Per-acre	Per-acre	Per-acre	Per-acre		
Seed	$140.00	$115.74	$88.89	$13.68		
Fertilizer	$171.25	$113.41	$115.42	$55.00		
Herbicide	$58.51	$76.54	$99.31	$39.05	$50.26	$0.00
Fungicide	$0.00	$0.00	$0.00	$22.25	$0.00	$0.00
Insecticide	$8.00	$45.75	$38.33	$29.99	$39.48	$0.00
Growth Regulator	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Harvest Aid	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Fuel	$0.00	$0.00	$0.00	$12.90	$0.00	$0.00
Repair	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Fuel (Irrigation)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Labor	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Custom Application	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Cash Land Rents	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Consultants	$0.00	$9.00	$0.00	$0.00	$0.00	$0.00
Loan Interest	$0.00	$10.27	$0.00	$6.91	$0.00	$0.00
Misc.	$0.00	$11.86	$0.00	$0.00	$0.00	$0.00
Total	$377.76	$382.57	$342.45	$179.78	$178.21	$0.00
Breakeven (BE) Price	$1.94	$0.34	#DIV/0!	#DIV/0!	$2.74	#DIV/0!
Costs and Returns	Per-acre	Per-acre	Per-acre	Per-acre	Per-acre	Per-acre
Crop Sales	$801.45	$810.00	$0.00	$0.00	$617.50	$0.00
Total Revenue	$801.45	$810.00	$0.00	$0.00	$617.50	$0.00
Direct Crop Expense	$377.76	$382.57	$342.45	$179.78	$178.21	$0.00
NRAVC	$423.69	$427.43	-$342.45	-$179.78	$439.29	$0.00

Total Costs and Returns

Crop	Corn	Cotton	Rice	Sorghum	Soybeans	Wheat	All Crops
Acres	300.0	400.0	0.0	0.0	300.0	0.0	1,000.0
Yield (Dry Units)	58,500.0	450,000.0	0.0	0.0	19,500.0	0.0	
Estimated Price	$4.11	$0.72	$12.00	$3.90	$9.50	$4.70	
Crop Expenses	Total	Total	Total	Total	Total	Total	All Crops
Seed	$42,000.00	$46,296.00	$0.00	$0.00	$20,166.00	$0.00	$108,462.00
Fertilizer	$51,375.00	$45,364.00	$0.00	$0.00	$6,375.00	$0.00	$103,114.00
Herbicide	$17,553.00	$30,616.00	$0.00	$0.00	$15,078.00	$0.00	$63,247.00
Fungicide	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Insecticide	$2,400.00	$18,300.00	$0.00	$0.00	$11,844.00	$0.00	$32,544.00
Growth Regulator	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Harvest Aid	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Fuel	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Repair	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Fuel (Irrigation)	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Labor	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Custom Application	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Cash Land Rents	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Consultants	$0.00	$3,600.00	$0.00	$0.00	$0.00	$0.00	$3,600.00
Loan Interest	$0.00	$4,108.00	$0.00	$0.00	$0.00	$0.00	$4,108.00
Misc.	$0.00	$4,744.00	$0.00	$0.00	$0.00	$0.00	$4,744.00
Total	$113,328.00	$153,028.00	$0.00	$0.00	$53,463.00	$0.00	$319,819.00
Crop Sales	$240,435.00	$324,000.00	$0.00	$0.00	$185,250.00	$0.00	$749,685.00
Farm Programs	$0.00	$8,500.00	$0.00	$1,168.75	$0.00	$1,130.50	$10,799.25
Total Revenue	$240,435.00	$332,500.00	$0.00	$1,168.75	$185,250.00	$1,130.50	$760,484.25
Total Crop Expenses	$113,328.00	$153,028.00	$0.00	$0.00	$53,463.00	$0.00	$319,819.00
NRAVC	$127,107.00	$179,472.00	$0.00	$1,168.75	$131,787.00	$1,130.50	$440,665.25

(net returns above variable costs)

Geaux Tiger Farm

rying and Storing Costs (On-Farm versus Commercial)

Select "On-Farm" or" Commercial" from drop drown cell to include in summary: On-Farm

Ownership Costs of Grain Storage Facility

Initial Investment Cost	$250,000
Loan Interest Rate	5.00%
Length of Loan (Yrs)	15
Estimated Annual Payment	$24,085.57

Costs of Operating On Farm Grain Storage Facility

Commodity	Units	Fuel Type Used To Dry	Fuel Cost/Unit	Electricity Cost Per kwh	Total Horsepower To Operate Fans and Augers	Estimated Number of Units Dried Per Hour	Total Units Dried/Stored	Harvest Moisture Percent	Final Moisture Percent	Months of Storage
Corn	Bushels	Electricity (kwh)	$1.0000	$0.0900	50	300	1,000	15.00	12.00	5
Soybeans	Bushels	Electricity (kwh)	$1.0000	$0.0900	50	300	1,000	15.00	12.00	5

Estimated Operating Costs Of On-Farm Drying and Storage

Commodity	Drying Cost Per Bushel	Storage Cost Per Bushel	Total Drying & Storage Cost Per Bushel	Total Drying & Storing Cost - All Bushels
Corn	$1.235	$0.057	$1.29	$1,292.47
Soybeans	$3.317	$0.057	$3.37	$3,374.09

Total

(costs based on published research of BTU's required to remove 1 pound of water)

Costs of Commercial Drying and Storage

Commodity	Units	Total Units Dried/Stored
		1,000
		1,000
Total		

Geaux Tiger Farm

Current Yearly Debt Payments

Loan for Machine/Implement

Item 1	
Item 2	
Item 3	
Item 4	
Item 5	
Item 6	
Item 7	
Item 8	
Item 9	
Item 10	
Totals	

(payment level consistent with terms of consolidated loan)

Select The Loans That You Are and Are Not Consider

Those Consolidating	Th
Item 1	
Item 2	
Item 3	

Loan Terms Obtained Under Consolidation

Loan Length (In Years)

Loan Interest Rate (%)

Loan Payment After Consolidation

Consolidation Loan

Yearly Debt Payments After Consolidation

Loan for Machine/Implement

Consolidation Loan	
Item 4	
Item 5	
Totals	

Geaux Tiger Farm

Cash Inflow - Outflow Statement for Crop Year 2019

Cash Inflows		Amount
Crop Revenue		$749,685.00
Farm Program Payments		$10,799.25
Previous Year Carry in	2018	$0.00
Other source of cash Inflow		$0.00
Total Cash Inflow		$760,484.25

Crop Expenses	Amount
Seed	$108,462.00
Fertilizer	$103,114.00
Herbicide	$63,247.00
Fungicide	$0.00
Insecticide	$32,544.00
Growth Regulator	$0.00
Harvest Aid	$0.00
Fuel	$0.00
Repair	$0.00
Fuel (Irrigation)	$0.00
Labor	$0.00
Custom Application	$0.00
Cash Land Rents	$0.00
Consultants	$3,600.00
Loan Interest	$4,108.00
Misc.	$4,744.00
Drying and Storage	$4,666.56
Land Leveling	$10,645.26
Total Crop Expenses	$335,130.82

Whole Farm Expenses	Amount
Add'n Fuel	$0.00
Add'n Repairs	$0.00
Liability Ins Eqt.	$0.00
Add'n Equipment	$0.00
Supplies	$0.00
Tires	$0.00
Utilities	$0.00
Total Whole Farm Expenses	$0.00

General Farm Expenses	Amount
Crop Insurance	$0.00
Other	$0.00
Total General Farm Expenses	$0.00

Fixed Debt Servicing (carryover)	Amount
Grain Storage	$24,085.57
Land Leveling Loan	$49,415.75
Remaining Debt Balance	$24,842.41
Total Fixed Debt Servicing	$98,343.73

	Amount
Total Cash Outflows	$433,474.55

	Amount
Net Cash Flow	$327,009.70

Whole Cash Flow Model (MS Excel)

Source: LSU AgCenter.

LSU AgCenter Research · Extension · Teaching

Cotton Net Return Advantage Compared to Corn Net Returns

Cotton Variable Costs =	$749 per acre	Corn Variable Costs =	$621 per acre
Cotton Expected Yield =	1,200 pounds per acre	Corn Expected Yield =	190 bushels per acre
Cotton Share Rent =	20% crop share	Corn Share Rent =	20% crop share
Cotton Cash Rent =	$0 per acre	Corn Cash Rent =	$0 per acre

Corn Price ($/bu)

Cotton Price ($/lb)	$3.80	$4.05	$4.30	$4.55	$4.80	$5.05	$5.30	$5.55	$5.80
$0.65	-82	-120	-158	-196	-234	-272	-310	-348	-386
$0.67	-62	-100	-138	-176	-214	-252	-290	-328	-366
$0.69	-43	-81	-119	-157	-195	-233	-271	-309	-347
$0.71	-24	-62	-100	-138	-176	-214	-252	-290	-328
$0.73	-5	-43	-81	-119	-157	-195	-233	-271	-309
$0.75	$14	-24	-62	-100	-138	-176	-214	-252	-290
$0.77	$34	-4	-42	-80	-118	-156	-194	-232	-270
$0.79	$53	$15	-23	-61	-99	-137	-175	-213	-251
$0.81	$72	$34	-4	-42	-80	-118	-156	-194	-232
$0.83	$91	$53	$15	-23	-61	-99	-137	-175	-213
$0.85	$110	$72	$34	-4	-42	-80	-118	-156	-194
$0.87	$130	$92	$54	$16	-22	-60	-98	-136	-174
$0.89	$149	$111	$73	$35	-3	-41	-79	-117	-155
$0.91	$168	$130	$92	$54	$16	-22	-60	-98	-136
$0.93	$187	$149	$111	$73	$35	-3	-41	-79	-117
$0.95	$206	$168	$130	$92	$54	$16	-22	-60	-98

Values in table equal to cotton net returns minus corn net returns above variable costs

2025 Corn, Cotton, Soybean Crop Competitiveness Tool

(MS Excel)

Source: LSU AgCenter.

LSU AgCenter Research · Extension · Teaching

Rice Net Return Advantage Compared to Soybean Net Returns

Rice Variable Costs =	$899 per acre	Soybean Variable Costs =	$450 per acre
Rice Expected Yield =	8,500 pounds per acre	Soybean Expected Yield =	60 bushels per acre
Rice Share Rent =	20% crop share	Soybean Share Rent =	20% crop share
Rice Cash Rent =	$0 per acre	Soybean Cash Rent =	$0 per acre

Soybean Price ($/bu)

Rice Price ($/lb)	$9.60	$9.85	$10.10	$10.35	$10.60	$10.85	$11.10	$11.35	$11.60
$0.1200	-94	-106	-118	-130	-142	-154	-166	-178	-190
$0.1225	-77	-89	-101	-113	-125	-137	-149	-161	-173
$0.1250	-60	-72	-84	-96	-108	-120	-132	-144	-156
$0.1275	-43	-55	-67	-79	-91	-103	-115	-127	-139
$0.1300	-26	-38	-50	-62	-74	-86	-98	-110	-122
$0.1325	-9	-21	-33	-45	-57	-69	-81	-93	-105
$0.1350	$8	-4	-16	-28	-40	-52	-64	-76	-88
$0.1375	$25	$13	$1	-11	-23	-35	-47	-59	-71
$0.1400	$42	$30	$18	$6	-6	-18	-30	-42	-54
$0.1425	$59	$47	$35	$23	$11	-1	-13	-25	-37
$0.1450	$76	$64	$52	$40	$28	$16	$4	-8	-20
$0.1475	$93	$81	$69	$57	$45	$33	$21	$9	-3
$0.1500	$110	$98	$86	$74	$62	$50	$38	$26	$14
$0.1525	$127	$115	$103	$91	$79	$67	$55	$43	$31
$0.1550	$144	$132	$120	$108	$96	$84	$72	$60	$48
$0.1575	$161	$149	$137	$125	$113	$101	$89	$77	$65

Values in table equal to rice net returns minus soybean net returns above variable costs

2025 FIR Rice and Soybean Competitiveness Tool

(MS Excel)

Source: LSU AgCenter.

LSU AgCenter Research · Extension · Teaching

Farm Name/Number	Name/#			Total Production Expenses	$520,138.41
Crop	CORN			Total Crop Revenue	$570,375.00
Total Acres	500			Expenses per acre	$1,040.28
Expected Market Price	$5.85			Gross Revenue per acre	$1,140.75
Estimated Yield per ac	195			Cost per Bushel at Est. Yield Level	$5.33
Total Production (bu)	97,500			Margin per acre	$100.47
				Return on Investment (ROI)	9.66%
Expenses (Input Units)	Amount				
Diesel Fuel ($/gal)	$4.00				
N Fertilizer ($/lb)	$0.78				
P Fertilizer ($/lb)	$0.90				
K Fertilizer ($/lb)	$0.67				
Operator Labor Rate ($/hr)	$16.54				
H2A Labor Rate ($/hr)	$13.67				
Drying Charge ($/bu)	$0.19				
Hauling Charge ($/bu)	$0.23				
Rent Mechanism	Cash/Share				
Cash (0=NO, 1=Yes)	0				
Share (0=NO, 1=Yes)	1				
Enter Share Rent Percentage	20%				

Expense Category	Item	Quantity	Expenses per ac	Total Farm Expenses	Bushels Needed to Cover Expenses per acre
Custom Spraying	$37.20	1.00	$37.20	$18,600.00	6.36
Drying	$0.19	195.00	$37.05	$18,525.00	6.33
N Fertilizer	$0.78	210.00	$163.80	$81,900.00	28.00
K Fertilizer	$0.67	60.00	$40.20	$20,100.00	6.87
P Fertilizer	$0.90	30.00	$27.00	$13,500.00	4.62
Lime	$19.47	1.00	$19.47	$9,735.00	3.33
Herbicide 1	$4.95	2.00	$9.90	$4,950.00	1.69
Herbicide 2	$3.25	1.00	$3.25	$1,625.00	0.56
Herbicide 3	$3.20	1.00	$3.20	$1,600.00	0.55
Herbicide 4	$0.19	66.00	$12.54	$6,270.00	2.14
Herbicide 5	$3.15	5.00	$15.75	$7,875.00	2.69
Herbicide 6	$0.87	6.00	$5.22	$2,610.00	0.89
Insecticide 1	$1.41	2.13	$3.00	$1,501.65	0.51
Insecticide 2	$2.58	2.13	$5.50	$2,747.70	0.94
Irrigation Supplies	$0.24	33.00	$7.92	$3,960.00	1.35
Seed	$118.30	1.00	$118.30	$59,150.00	20.22
Hauling	$0.23	195.00	$44.85	$22,425.00	7.67
Operator Labor	$16.54	0.13	$2.22	$1,111.49	0.38
H2A Labor	$13.67	1.19	$16.30	$8,149.37	2.79
Tractor/Combine Fuel	$4.00	9.88	$39.52	$19,761.20	6.76
Irrigation Fuel	$4.00	8.55	$34.21	$17,107.00	5.85
Repair	$25.00	1.00	$25.00	$12,500.00	4.27
Other Expenses	$11.72	1.00	$11.72	$5,860.00	2.00
Rent	$228.15	1.00	$228.15	$114,075.00	39.00
Fixed Expenses	$129.00	1.00	$129.00	$64,500.00	22.05
Total Expenses			$1,040.28	$520,138.41	177.83

Note: analysis does not include farm program payments or crop insurance cost/indemnities.

Developed by Dr. Michael Deliberto, Associate Professor, LSU AgCenter Department of Agricultural Economics & Agribusiness.
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Cost of Production with Return Margin and ROI

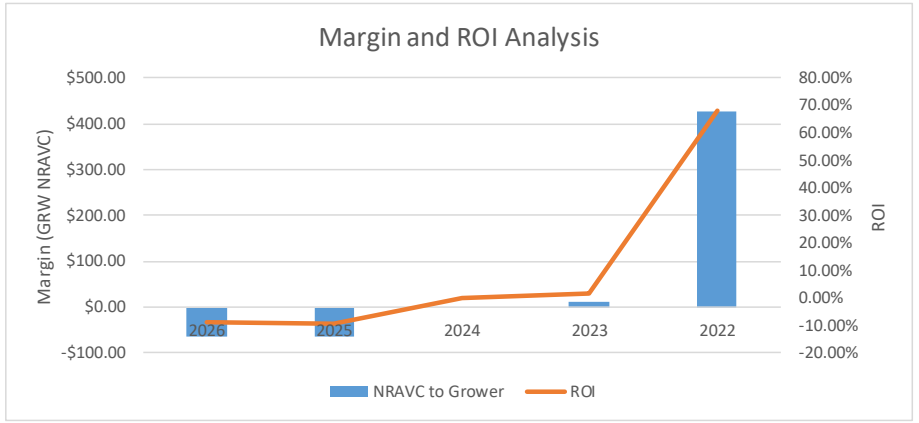
(MS Excel)

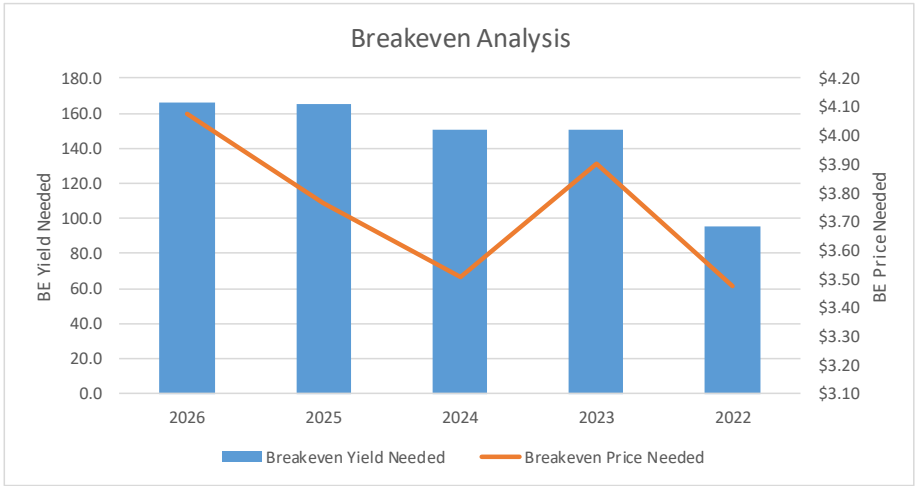
Source: LSU AgCenter.

Production Cost Volatility in 2026

Creation of a benchmarking farm management comparison tool

Corn					
	2026	**2025**	**2024**	**2023**	**2022**
Price ($/bu)	$4.41	$4.10	$4.20	$4.65	$6.54
Yield (bu/ac)	180	180	180	180	180
Gross Revenue ($/ac)	$793.80	$738.00	$756.00	$837.00	$1,177.20
Land Rent					
Cash Rent Paid ($/ac)	$125.00	$125.00	$125.00	$125.00	$125.00
Grower's Gross Revenue	$668.80	$613.00	$631.00	$712.00	$1,052.20
Variable Costs ($/ac)	**2026**	**2025**	**2024**	**2023**	**2022**
Custom Operations	$57.00	$57.00	$37.00	$34.00	$34.00
Diesel Fuel	$49.00	$49.00	$61.00	$70.00	$52.00
Digital Ag Services	$12.00	$12.00	$12.00	$12.00	$11.00
Drying	$36.00	$36.00	$34.00	$36.00	$36.00
Fertilizer - N	$153.00	$109.00	$126.00	$183.00	$160.00
Fertilizer - P	$32.00	$24.00	$25.00	$27.00	$20.00
Fertilizer - K	$27.00	$23.00	$26.00	$42.00	$35.00
Fungicides	$0.00	$0.00	$0.00	$0.00	$0.00
Herbicides	$41.00	$41.00	$46.00	$48.00	$44.00
Hauling	$59.00	$59.00	$44.00	$44.00	$44.00
Insecticides	$3.00	$3.00	$6.00	$10.00	$9.00
Labor	$17.00	$17.00	$16.00	$16.00	$16.00
Seed	$126.00	$126.00	$131.00	$130.00	$118.00
Repair	$31.00	$31.00	$29.00	$26.00	$24.00
Misc.	$66.00	$66.00	$11.00	$11.00	$10.00
Interest on Capital	$25.00	$25.00	$27.00	$13.00	$12.00
Total Variable Costs ($/ac)	$734.00	$678.00	$631.00	$702.00	$625.00
NRAVC to Grower	-$65.20	-$65.00	$0.00	$10.00	$427.20
ROI	-8.88%	-9.59%	0.00%	1.42%	68.35%
Change in NRAVC		-$0.20	-$65.00	-$75.00	-$492.20
2026 compared to historical					
Change in NRAVC		0.70%	-9.59%	-11.01%	-77.94%
2026 compared to historical					
Breakeven Yield Needed	166.4	165.4	150.2	151.0	95.6
margin 2026 compared to historical		1.1	15.1	14.4	69.8
Breakeven Price Needed	$4.08	$3.77	$3.51	$3.90	$3.47
margin 2026 compared to historical		$0.31	$0.26	-$0.13	$0.29





Crop Cash and Share Rental Arrangements

Rental arrangements should be fair to both parties

- **Cash Rent**
  - Landlord cost represents a minimum
  - Amount tenant can pay represents a maximum
  - Cash rent is negotiated between Landlord (LLD)/Tenant amounts
  - No risk premium as with share rents
  - Producer assumes total market and price risk

- **Share Rent**
  - Yield increasing inputs should be shared
  - Share arrangements should adjust with technology changes
  - Total returns divided in the same proportion as resources contributed
  - Producer and landlord share market price and yield risk
  - Producer and landlord share farm program payments

1/1/2025

Estimated Rice Net Returns With the "Price Loss Coverage (PLC) Program" in the 2018 Farm Bill

Cell values in blue for price, yield, costs, and other factors can be changed by the user.

Values in the table represent net returns above specified costs per planted rice acre. Positive net return values are highlighted in yellow.

Estimation of Rice Grower and Landlord Net Returns Above Specified Costs per Planted Rice Acre

Land Tract Name/Number = **Rice Land Tract No. 1**

Expected Rice Price (MYA) = **$14.25** per cwt. $23.09 per barrel

Expected Rice Yield = **7,000** lbs./acre 43.2 barrels/acre

(dry yield basis)

Rice Share Rent = **30%** crop share

Rice Cash Rent = **$0** per acre

Drying and hauling rates entered below will be charged to the grower and the landlord for their proportionate crop shares.

Rice Drying Charge **$0.90** $/cwt. *(dry yield basis)*

Rice Hauling Charge **$0.30** $/cwt. *(dry yield basis)*

To enter alternate charges for drying and/or hauling, enter zero values in the cells above and enter a cost per acre in the cost table to the right

Price Loss Coverage (PLC) Reference Price = **$14.00** per cwt.

Updated Rice Program Yield = **5,700** lbs./program acre

Rice Acres Planted on this tract = **85** planted acres

Total Rice Base Acres on this tract = **100** rice base acres

(Farm program payments are shared with landlord only for crop share lease arrangements; no payment share under cash leases)

Projected Rice Production Costs Per Planted Acre		Percent of Costs Paid By: Landlord	Grower
Custom	$116	0%	100%
Fertilizer	$122	0%	100%
Herbicides	$48	0%	100%
Fungicides, Insecticides	$23	0%	100%
Seed	$101	0%	100%
Labor	$20	0%	100%
Fuel & Repairs	$58	0%	100%
Irrigation Pumping	$99	100%	0%
Other Variable Costs	$108	0%	100%
Other Variable Costs	$0	0%	100%
Fixed Costs	$3	0%	100%
Overhead Costs	$0	0%	100%
Other Costs	$0	0%	100%
Other Costs	$0	0%	100%
Other Costs	$0	0%	100%
Total Specified Costs	**$698**	**per planted rice acre**	
Proportionate total specified costs =>	*$99*	*$599*	

Estimated Grower Net Returns Above Specified Costs Per Planted Rice Acre

Rice Market Price ($/bbl)	Rice Market Price ($/cwt)	Rice Yield (lbs/acre) 6,000	6,250	6,500	6,750	7,000	7,250	7,500	7,750	8,000	PLC Program Payment Rate ($/cwt)	PLC Program Payment Rate ($/bbl)
$20.25	$12.50	-$65	-$45	-$25	-$5	$15	$34	$54	$74	$94	$1.50	$2.43
$20.66	$12.75	-$64	-$44	-$24	-$3	$17	$37	$57	$77	$98	$1.25	$2.03
$21.06	$13.00	-$64	-$43	-$22	-$2	$19	$40	$60	$81	$102	$1.00	$1.62
$21.47	$13.25	-$63	-$42	-$21	$0	$21	$42	$64	$85	$106	$0.75	$1.22
$21.87	$13.50	-$62	-$41	-$19	$2	$24	$45	$67	$88	$110	$0.50	$0.81
$22.28	$13.75	-$62	-$40	-$18	$4	$26	$48	$70	$92	$114	$0.25	$0.41
$22.68	$14.00	-$61	-$39	-$17	$6	$28	$51	$73	$95	$118	$0.00	$0.00
$23.09	$14.25	-$51	-$28	-$5	$18	$40	$63	$86	$109	$132	$0.00	$0.00
$23.49	$14.50	-$40	-$17	$6	$29	$53	$76	$99	$123	$146	$0.00	$0.00
$23.90	$14.75	-$30	-$6	$18	$41	$65	$89	$112	$136	$160	$0.00	$0.00
$24.30	$15.00	-$19	$5	$29	$53	$77	$101	$126	$150	$174	$0.00	$0.00
$24.71	$15.25	-$9	$16	$40	$65	$89	$114	$139	$163	$188	$0.00	$0.00
$25.11	$15.50	$2	$27	$52	$77	$102	$127	$152	$177	$202	$0.00	$0.00
$25.52	$15.75	$12	$38	$63	$88	$114	$139	$165	$190	$216	$0.00	$0.00
$25.92	$16.00	$23	$49	$74	$100	$126	$152	$178	$204	$230	$0.00	$0.00

Net return estimates include Price Loss Coverage Program payments on 85% of rice base acres

Estimated Landlord Net Returns Above Specified Costs Per Planted Rice Acre

Rice Market Price ($/bbl)	Rice Market Price ($/cwt)	Rice Yield (lbs/acre) 6,000	6,250	6,500	6,750	7,000	7,250	7,500	7,750	8,000	PLC Program Payment Rate ($/cwt)	PLC Program Payment Rate ($/bbl)
$20.25	$12.50	$130	$138	$147	$155	$164	$172	$181	$189	$198	$1.50	$2.43
$20.66	$12.75	$134	$143	$152	$160	$169	$178	$186	$195	$204	$1.25	$2.03
$21.06	$13.00	$139	$148	$157	$165	$174	$183	$192	$201	$210	$1.00	$1.62
$21.47	$13.25	$143	$152	$161	$171	$180	$189	$198	$207	$216	$0.75	$1.22
$21.87	$13.50	$148	$157	$166	$176	$185	$194	$203	$212	$222	$0.50	$0.81
$22.28	$13.75	$152	$162	$171	$181	$190	$199	$209	$218	$228	$0.25	$0.41
$22.68	$14.00	$157	$167	$176	$186	$195	$205	$215	$224	$234	$0.00	$0.00
$23.09	$14.25	$161	$171	$181	$191	$201	$210	$220	$230	$240	$0.00	$0.00
$23.49	$14.50	$166	$176	$186	$196	$206	$216	$226	$236	$246	$0.00	$0.00
$23.90	$14.75	$170	$181	$191	$201	$211	$221	$231	$242	$252	$0.00	$0.00
$24.30	$15.00	$175	$185	$196	$206	$216	$227	$237	$247	$258	$0.00	$0.00
$24.71	$15.25	$179	$190	$200	$211	$222	$232	$243	$253	$264	$0.00	$0.00
$25.11	$15.50	$184	$195	$205	$216	$227	$238	$248	$259	$270	$0.00	$0.00
$25.52	$15.75	$188	$199	$210	$221	$232	$243	$254	$265	$276	$0.00	$0.00
$25.92	$16.00	$193	$204	$215	$226	$237	$248	$260	$271	$282	$0.00	$0.00

2025 Rice Share Rent Model (MS Excel)

Source: LSU AgCenter.

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Crop Cash and Share Rental Arrangements

Rental arrangements should be equitable for both parties

- Cash Rent ($ per acre)
  - Cash Rental Rate Using the Landowner Costs and Returns to Equity Approach
  - Cash Rental Rate Using the Share of Expected Net Returns Approach
  - Developing a Weighted Avg Cash Rental Rate for Land Used for Multiple Commodities
  - Cash Rental Rate Using the Share of Expected Net Returns Approach
  - Cash Rental Rate Using the Cash Equivalent of a Share Agreement Approach
- Crop Share (% of crop revenue)

Alternative Approaches to Crop Rental Arrangements

Rental arrangements should be equitable for both parties

Table 1. Example of Developing a Cash Rental Rate Using the Landowner Costs and Returns to Equity Approach	
Landlord Ownership Costs	
Property Taxes	$20.00
Land Improvement Costs	$0.00
Repair & Maintenance	$0.00
Interest Expense	$0.00
Depreciation	$0.00
Total Land Improvement Costs	$0.00
Total Landlord Ownership Costs *(Property Taxes + Total Land Improvement Costs)*	$20.00
Return To Equity Land	
Land Value	$2,000
Rate of Return	4.00%
Total Return to Equity (Land Value * Rate of Return)	$80.00
Estimated Cash Rental Rate *(Total Landlord Ownership Costs + Total Return to Equity)*	**$100.00**

Alternative Approaches to Crop Rental Arrangements

Rental arrangements should be equitable for both parties

Table 2. Example of Developing a Cash Rental Rate Using the Share of Expected Net Returns Approach

	Corn	Cotton	Rice	Sorghum	Soybeans	Wheat
Expected Price and Yield						
Yield	160	1000	7,000	80	45	55
Price	$5.00	$0.75	$13.00	$5.25	$13.00	$6.25
Expected Tenant Income						
Crop Revenue (Price*Yield)	$800.00	$750.00	$910.00	$420.00	$585.00	$343.75
Government Payment	$65.00	$65.00	$65.00	$65.00	$65.00	$65.00
Other	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Expected Total Income	$865.00	$815.00	$975.00	$485.00	$650.00	$408.75
Expected Tenant Costs						
Direct	$500.00	$600.00	$525.00	$275.00	$315.00	$200.00
Fixed	$60.00	$130.00	$60.00	$30.00	$30.00	$30.00
Returns to Labor and Management	$30.00	$30.00	$30.00	$30.00	$30.00	$30.00
Expected Total Costs	$590.00	$760.00	$615.00	$335.00	$375.00	$260.00
Expected Net Returns Above Costs *(Total Income - Total Costs)*	$275.00	$55.00	$360.00	$150.00	$275.00	$148.75
Percentage of Net Returns Shared by Landlord	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%
Estimated Cash Rental Rate *(Net Returns x Percent Shared)*	**$110.00**	**$22.00**	**$144.00**	**$60.00**	**$110.00**	**$59.50**

Alternative Approaches to Crop Rental Arrangements

Rental arrangements should be equitable for both parties

Table 3. Example of Developing a Weighted Avg Cash Rental Rate for Land Used for Multiple Commodities

	Corn	Cotton	Rice	Sorghum	Soybeans	Wheat	
Number of Acres Grown	500	0	0	0	500	0	
Percentage of Total Acres	50.00%	0.00%	0.00%	0.00%	50.00%	0.00%	
Estimated Cash Rental Rate	$85.00	$80.00	$100.00	$50.00	$90.00	$50.00	
Proportionate Share of Rent (Percent*Cash Rent)	$42.50	$0.00	$0.00	$0.00	$45.00	$0.00	
Estimated Aggregated Cash Rent *(Sum of all proportionate shares)*							**$87.50**

Alternative Approaches to Crop Rental Arrangements

Rental arrangements should be equitable for both parties

Table 4. Example of Developing a Cash Rental Rate Using the Share of Expected Net Returns Approach

	Corn	Cotton	Rice	Sorghum	Soybeans	Wheat
Expected Price and Yield						
Yield	160	1000	7,000	80	45	55
Price	$5.00	$0.75	$13.00	$5.25	$13.00	$6.25
Expected Tenant Income						
Crop Revenue (Price*Yield)	$800.00	$750.00	$910.00	$420.00	$585.00	$343.75
Government Payment	$65.00	$65.00	$65.00	$65.00	$65.00	$65.00
Other	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Expected Total Income	$865.00	$815.00	$975.00	$485.00	$650.00	$408.75
Expected Tenant Costs						
Direct	$500.00	$600.00	$525.00	$275.00	$315.00	$200.00
Fixed	$60.00	$130.00	$60.00	$30.00	$30.00	$30.00
Returns to Labor and Management	$30.00	$30.00	$30.00	$30.00	$30.00	$30.00
Expected Total Costs	$590.00	$760.00	$615.00	$335.00	$375.00	$260.00
Expected Net Returns Above Costs *(Total Income - Total Costs)*	$275.00	$55.00	$360.00	$150.00	$275.00	$148.75
Percentage of Net Returns Shared by Landlord	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%
Estimated Cash Rental Rate *(Net Returns x Percent Shared)*	**$110.00**	**$22.00**	**$144.00**	**$60.00**	**$110.00**	**$59.50**

Alternative Approaches to Crop Rental Arrangements

Rental arrangements should be equitable for both parties

Table 5. Example of Developing a Cash Rental Rate Using the Cash Equivalent of a Share Agreement Approach

	Corn	Cotton	Rice	Sorghum	Soybeans	Wheat
Expected Price and Yield						
Yield	142.8	806.4	6,138	89.2	38.2	56
Price	$5.30	$0.89	$13.75	$5.10	$13.00	$6.00
Landlord's Share of Crop Revenue & Gov. Payments	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
Expected Tenant Income						
Crop Revenue (Price*Yield*Landlord Share)	$113.53	$107.65	$126.60	$68.24	$74.49	$50.40
Government Payment	$9.75	$9.75	$9.75	$9.75	$9.75	$9.75
Other	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Expected Total Income	$123.28	$117.40	$136.35	$77.99	$84.24	$60.15
Expected Tenant Costs						
Fuel	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Chemical	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Repair & Maintenance	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Other	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Expected Total Costs	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Expected Net Returns Above Costs *(Total Income - Total Costs)*	$123.28	$117.40	$136.35	$77.99	$84.24	$60.15
Adjustments for Reduced Risk	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
Estimated Cash Rental Rate *(Net Returns x (1 - Adjustment))*	**$104.78**	**$99.79**	**$115.89**	**$66.29**	**$71.60**	**$51.13**

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Types of Analysis

- Profitability
  - High net farm income is usually an important goal for the farm manager. Profitability is analyzed by comparing income and expenses.
- Farm size
  - Inadequate resources are often the root cause for low profits. Growing too rapidly or exceeding the size that the operator can manage efficiently can diminish profits.
- Financial
  - Financial analysis concentrates on the capital position of the business, including solvency, liquidity, and changes in owner's equity.
- Efficiency
  - Low profitability can often be traced to inefficient use of resources in one or more areas of the business. Both economic and physical efficiency measures should be examined.

Standards of Comparison

- Once a measure has been calculated, the problem becomes one of evaluating the results.
  - *Is the value good, bad, or average? Compared with what? Can it be improved?*
- Budgets
  - Measures or ratios are compared against budgeted goals identified in the planning process.
- Comparative farms
  - Comparison of results from other farms of similar size and type, for the same year
- Historical trends
  - Various measures are recorded for the same farm for several years so that trends can be observed. This method does not compare results against any particular standard but only against previous performance.

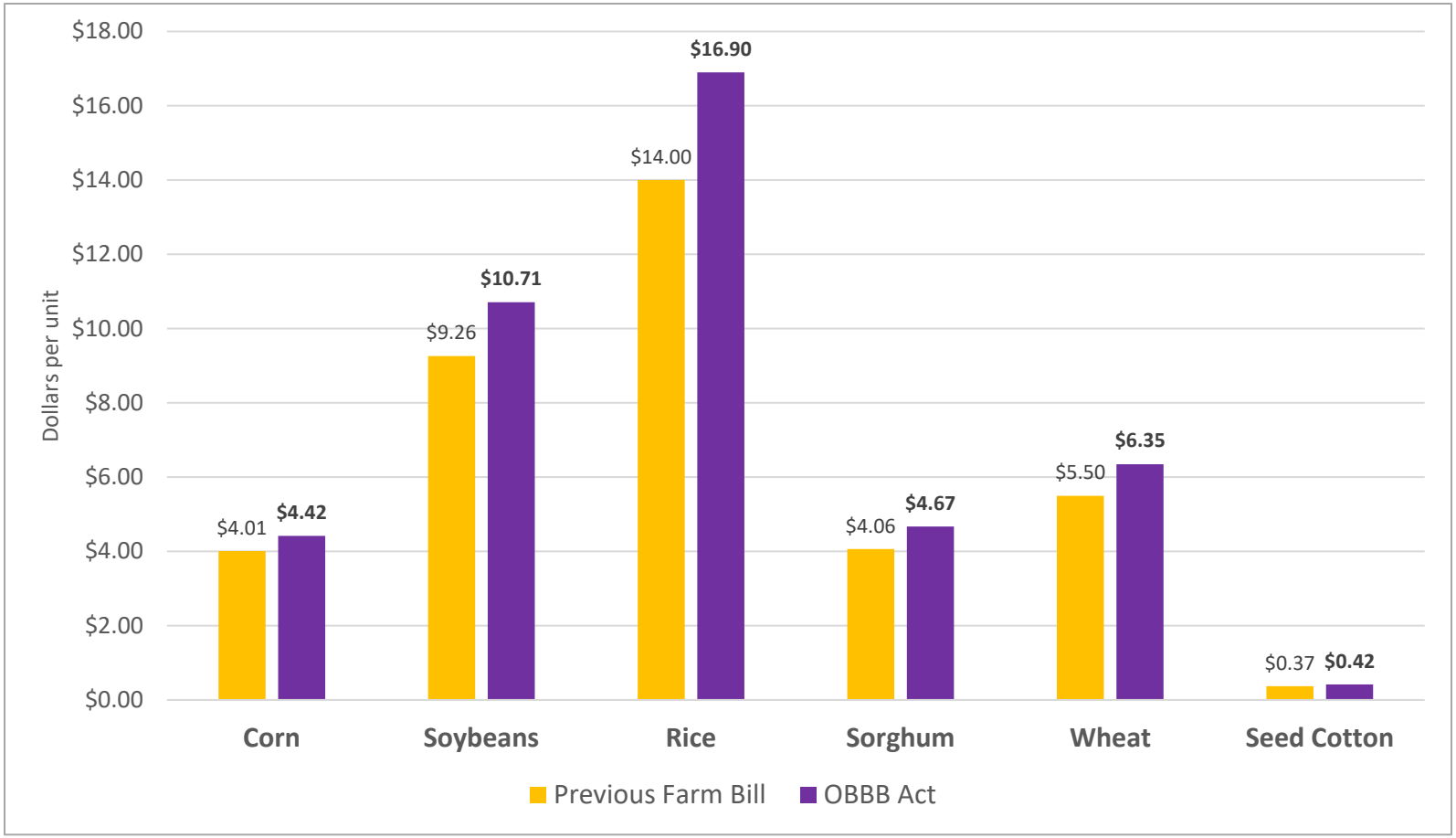
Farm Planning (Annual, Short- and Long-run Basis)

Good farm business plans should address all potential planning decisions

- A farm business plan is a written document that directs business decision making and is based on pre-established goals for that farm business.
- It should incorporate the interrelationships between business goals and annual, short-run, and long-run decisions.
- Good farm planning helps to increase long-run business success by:
  - Establishes a clear direction for management to follow in a time-sensitive manner under variable conditions
  - Defines, in measurable terms, what is most important for the farm
  - Anticipates problems and taking steps to eliminate them
  - Efficient resource allocation (labor, machinery, buildings, capital)
  - Establishes a baseline for evaluating management decisions and key employees

One Big Beautiful Bill Act – PLC Farm Program

Improvements to reference price for 2025/26 MY

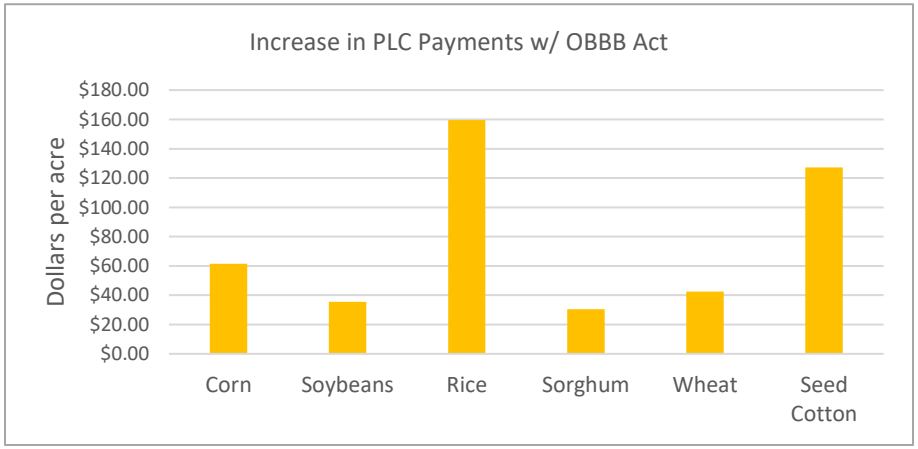


Source: US Congress, July 2025.

One Big Beautiful Bill Act – PLC Farm Program

Improvements to the PLC program for 2025/26 MY

Commodity	U.S. MYA Price 2025/26	PLC Yield	Prev. Farm Bill Payment	OBBBA Payment
Corn	$3.90	150	$16.50	$78.00
Soybeans	$10.00	50	--	$35.50
Rice	$12.00	55	$110.00	$269.50
Seed Cotton	$0.3425	2,400	$58.80	$186.00
Sorghum	$3.70	50	$18.00	$48.50
Wheat	$5.10	50	$20.00	$62.50



PLC Payment Tool

Developed for the 2025/26 CY with OBBB Act improvements

PLC Payment Estimator		
Seed Cotton		
Expected MYA Price	$0.3419	($/lb)
Reference Price	$0.4200	($/lb)
Will a PLC Payment Trigger?	Yes	
PLC Payment Rate	~~$0.0781~~	($/lb)
Farm's PLC Payment Yield	2400.00	(lb/ac)
PLC Payment Amount	***$187.44***	***($/ac)***
PLC Payment Amount (per Base Acre)	$159.32	

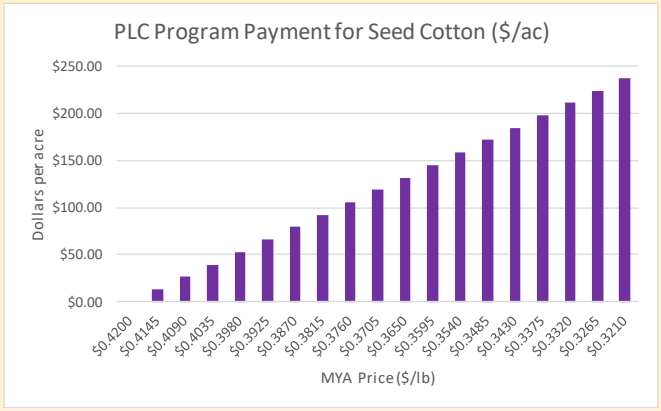
Enter the projected U.S. MYA price.

Enter the farm's PLC program yield.

Illustration at Farm's Program Yield 2400.00

Price	PLC Pymt.
$0.4200	$0.00
$0.4145	$13.20
$0.4090	$26.40
$0.4035	$39.60
$0.3980	$52.80
$0.3925	$66.00
$0.3870	$79.20
$0.3815	$92.40
$0.3760	$105.60
$0.3705	$118.80
$0.3650	$132.00
$0.3595	$145.20
$0.3540	$158.40
$0.3485	$171.60
$0.3430	$184.80
$0.3375	$198.00
$0.3320	$211.20
$0.3265	$224.40
$0.3210	$237.60
$0.3155	$250.80
$0.3100	$264.00
$0.3045	$277.20

In this example, the national MYA price is set BELOW the statutorily established reference price level to denote the corresponding payment rate per acre.



Seed Cotton PLC Payment Tool (matrix)

Developed for the 2025/26 CY with OBBB Act improvements

Reference Price ($/lb)	$0.420
Lint Program Yield (lbs)	**1000.0**
Seed Cotton Program Yield (lbs	2400
Seed Cotton Price Floor ($/lb)	$0.250

Producer's Specified Estimates of Marketing Year Production of Lint and Cottonseed

Total U.S. Lint Production (lbs)	6,480,000,000	Weighted Lint Coeff.	0.434783	*"Effective Price for Seed Cotton Calculation"*
Total U.S. Seed Production (lbs)	8,424,000,000	Weighted Seed Coeff.	0.565217	*"Effective Price for Seed Cotton Calculation"*

Notes: The upland lint yield assumes a 13.50 million bale crop. Where 1 bale is 480 pounds.
A conversion factor of 1.3 is multiplied by the lint yield to obtain the cottonseed yield in pounds.
The total pounds of upland lint and cotton seed is the sum of lint pounds plus cottonseed pounds.

Example PLC Payment for Seed Cotton per base acre (subject to lint and seed production levels)

Cottonseed Price ($/ton)

Lint Price ($/lb)	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300
$0.52	$326.40	$320.63	$314.87	$309.10	$303.34	$297.57	$291.81	$286.04	$280.28	$274.51	$268.75	$262.98	$257.22	$251.45	$245.69	$239.92	$234.16	$228.39	$222.63
$0.53	$317.53	$311.77	$306.00	$300.23	$294.47	$288.70	$282.94	$277.17	$271.41	$265.64	$259.88	$254.11	$248.35	$242.58	$236.82	$231.05	$225.29	$219.52	$213.76
$0.54	$308.66	$302.90	$297.13	$291.37	$285.60	$279.83	$274.07	$268.30	$262.54	$256.77	$251.01	$245.24	$239.48	$233.71	$227.95	$222.18	$216.42	$210.65	$204.89
$0.55	$299.79	$294.03	$288.26	$282.50	$276.73	$270.97	$265.20	$259.43	$253.67	$247.90	$242.14	$236.37	$230.61	$224.84	$219.08	$213.31	$207.55	$201.78	$196.02
$0.56	$290.92	$285.16	$279.39	$273.63	$267.86	$262.10	$256.33	$250.57	$244.80	$239.03	$233.27	$227.50	$221.74	$215.97	$210.21	$204.44	$198.68	$192.91	$187.15
$0.57	$282.05	$276.29	$270.52	$264.76	$258.99	$253.23	$247.46	$241.70	$235.93	$230.17	$224.40	$218.63	$212.87	$207.10	$201.34	$195.57	$189.81	$184.04	$178.28
$0.58	$273.18	$267.42	$261.65	$255.89	$250.12	$244.36	$238.59	$232.83	$227.06	$221.30	$215.53	$209.77	$204.00	$198.23	$192.47	$186.70	$180.94	$175.17	$169.41
$0.59	$264.31	$258.55	$252.78	$247.02	$241.25	$235.49	$229.72	$223.96	$218.19	$212.43	$206.66	$200.90	$195.13	$189.37	$183.60	$177.83	$172.07	$166.30	$160.54
$0.60	$255.44	$249.68	$243.91	$238.15	$232.38	$226.62	$220.85	$215.09	$209.32	$203.56	$197.79	$192.03	$186.26	$180.50	$174.73	$168.97	$163.20	$157.43	$151.67
$0.61	$246.57	$240.81	$235.04	$229.28	$223.51	$217.75	$211.98	$206.22	$200.45	$194.69	$188.92	$183.16	$177.39	$171.63	$165.86	$160.10	$154.33	$148.57	$142.80
$0.62	$237.70	$231.94	$226.17	$220.41	$214.64	$208.88	$203.11	$197.35	$191.58	$185.82	$180.05	$174.29	$168.52	$162.76	$156.99	$151.23	$145.46	$139.70	$133.93
$0.63	$228.83	$223.07	$217.30	$211.54	$205.77	$200.01	$194.24	$188.48	$182.71	$176.95	$171.18	$165.42	$159.65	$153.89	$148.12	$142.36	$136.59	$130.83	$125.06
$0.64	$219.97	$214.20	$208.43	$202.67	$196.90	$191.14	$185.37	$179.61	$173.84	$168.08	$162.31	$156.55	$150.78	$145.02	$139.25	$133.49	$127.72	$121.96	$116.19
$0.65	$211.10	$205.33	$199.57	$193.80	$188.03	$182.27	$176.50	$170.74	$164.97	$159.21	$153.44	$147.68	$141.91	$136.15	$130.38	$124.62	$118.85	$113.09	$107.32
$0.66	$202.23	$196.46	$190.70	$184.93	$179.17	$173.40	$167.63	$161.87	$156.10	$150.34	$144.57	$138.81	$133.04	$127.28	$121.51	$115.75	$109.98	$104.22	$98.45
$0.67	$193.36	$187.59	$181.83	$176.06	$170.30	$164.53	$158.77	$153.00	$147.23	$141.47	$135.70	$129.94	$124.17	$118.41	$112.64	$106.88	$101.11	$95.35	$89.58
$0.68	$184.49	$178.72	$172.96	$167.19	$161.43	$155.66	$149.90	$144.13	$138.37	$132.60	$126.83	$121.07	$115.30	$109.54	$103.77	$98.01	$92.24	$86.48	$80.71
$0.69	$175.62	$169.85	$164.09	$158.32	$152.56	$146.79	$141.03	$135.26	$129.50	$123.73	$117.97	$112.20	$106.43	$100.67	$94.90	$89.14	$83.37	$77.61	$71.84
$0.70	$166.75	$160.98	$155.22	$149.45	$143.69	$137.92	$132.16	$126.39	$120.63	$114.86	$109.10	$103.33	$97.57	$91.80	$86.03	$80.27	$74.50	$68.74	$62.97
$0.71	$157.88	$152.11	$146.35	$140.58	$134.82	$129.05	$123.29	$117.52	$111.76	$105.99	$100.23	$94.46	$88.70	$82.93	$77.17	$71.40	$65.63	$59.87	$54.10
$0.72	$149.01	$143.24	$137.48	$131.71	$125.95	$120.18	$114.42	$108.65	$102.89	$97.12	$91.36	$85.59	$79.83	$74.06	$68.30	$62.53	$56.77	$51.00	$45.23
$0.73	$140.14	$134.37	$128.61	$122.84	$117.08	$111.31	$105.55	$99.78	$94.02	$88.25	$82.49	$76.72	$70.96	$65.19	$59.43	$53.66	$47.90	$42.13	$36.37
$0.74	$131.27	$125.50	$119.74	$113.97	$108.21	$102.44	$96.68	$90.91	$85.15	$79.38	$73.62	$67.85	$62.09	$56.32	$50.56	$44.79	$39.03	$33.26	$27.50
$0.75	$122.40	$116.63	$110.87	$105.10	$99.34	$93.57	$87.81	$82.04	$76.28	$70.51	$64.75	$58.98	$53.22	$47.45	$41.69	$35.92	$30.16	$24.39	$18.63
$0.76	$113.53	$107.77	$102.00	$96.23	$90.47	$84.70	$78.94	$73.17	$67.41	$61.64	$55.88	$50.11	$44.35	$38.58	$32.82	$27.05	$21.29	$15.52	$9.76
$0.77	$104.66	$98.90	$93.13	$87.37	$81.60	$75.83	$70.07	$64.30	$58.54	$52.77	$47.01	$41.24	$35.48	$29.71	$23.95	$18.18	$12.42	$6.65	$0.89
$0.78	$95.79	$90.03	$84.26	$78.50	$72.73	$66.97	$61.20	$55.43	$49.67	$43.90	$38.14	$32.37	$26.61	$20.84	$15.08	$9.31	$3.55	$0.00	$0.00
$0.79	$86.92	$81.16	$75.39	$69.63	$63.86	$58.10	$52.33	$46.57	$40.80	$35.03	$29.27	$23.50	$17.74	$11.97	$6.21	$0.44	$0.00	$0.00	$0.00
$0.80	$78.05	$72.29	$66.52	$60.76	$54.99	$49.23	$43.46	$37.70	$31.93	$26.17	$20.40	$14.63	$8.87	$3.10	$0.00	$0.00	$0.00	$0.00	$0.00
$0.81	$69.18	$63.42	$57.65	$51.89	$46.12	$40.36	$34.59	$28.83	$23.06	$17.30	$11.53	$5.77	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.82	$60.31	$54.55	$48.78	$43.02	$37.25	$31.49	$25.72	$19.96	$14.19	$8.43	$2.66	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.83	$51.44	$45.68	$39.91	$34.15	$28.38	$22.62	$16.85	$11.09	$5.32	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.84	$42.57	$36.81	$31.04	$25.28	$19.51	$13.75	$7.98	$2.22	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.85	$33.70	$27.94	$22.17	$16.41	$10.64	$4.88	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.86	$24.83	$19.07	$13.30	$7.54	$1.77	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.87	$15.97	$10.20	$4.43	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.88	$7.10	$1.33	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.89	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.90	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.91	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.92	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.93	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.94	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.95	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.96	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.97	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.98	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$0.99	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$1.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00

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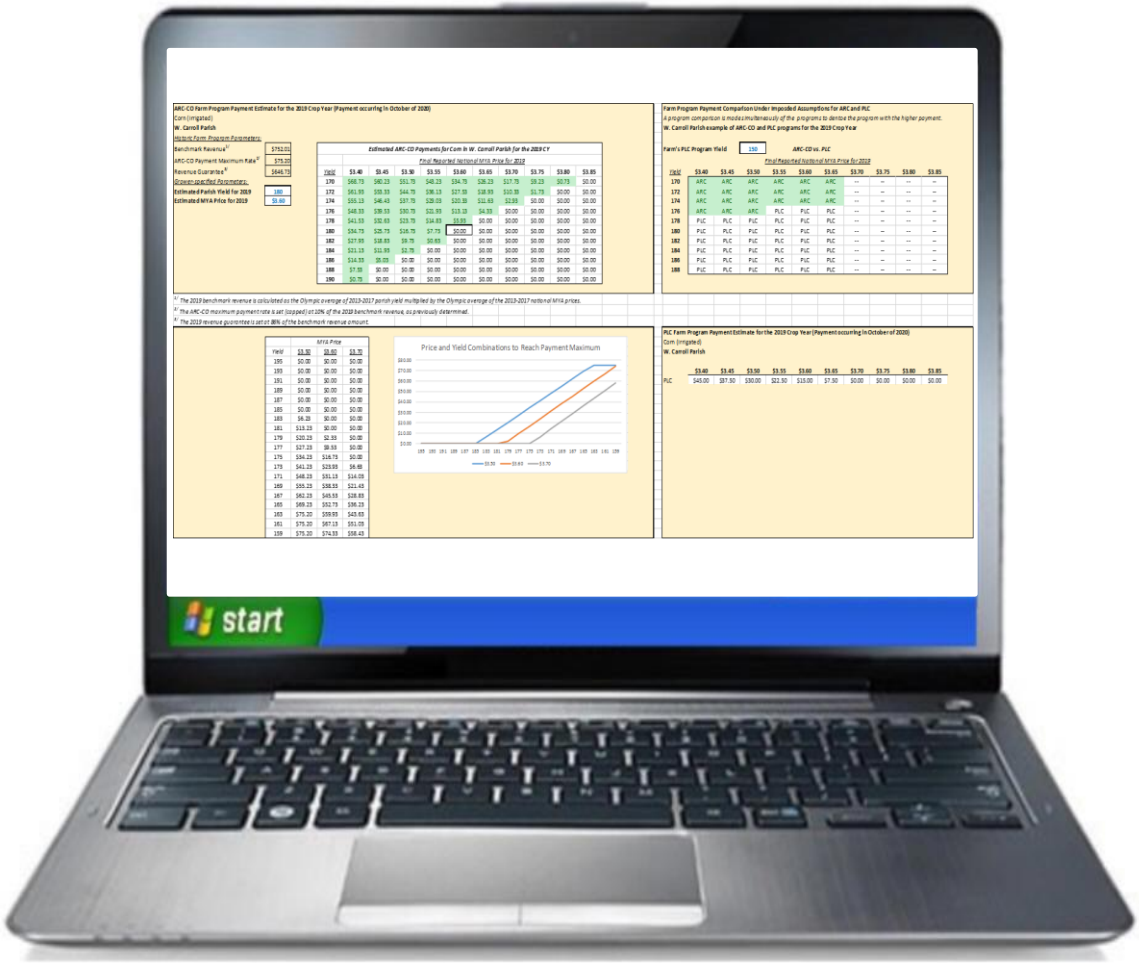
ARC/PLC Payment Comparison Tool

Developed for the 2025/26 CY with OBBB Act improvements



Picture: Google.

*Commodities**

Corn
Soybeans
Grain Sorghum
Wheat
Long Grain Rice
Seed Cotton

**practice specific where applicable*

ARC/PLC Payment Comparison Tool Madison Parish

Developed for the 2025/26 CY with OBBB Act improvements

Enter the projected U.S. MYA price.
Enter the estimated parish yield per acre.

Enter the farm's PLC program yield.

ARC-CO Farm Program Payment Estimate for the 2025 Crop Year (Payment occurring in October of 2026)
Corn (irrigated)
Madison Parish

Historic Farm Program Parameters:	
Benchmark Revenue[1/]	$941.61
ARC-CO Payment Maximum Rate[2/]	$112.99
Revenue Guarantee[3/]	$847.45
Grower-specified Parameters:	
Estimated Parish Yield for 2025	190
Estimated MYA Price for 2025	$4.00

Estimated ARC-CO Payments for Corn in Madison Parish for the 2025 CY

	Final Reported National MYA Price									
Yield	**$3.80**	**$3.85**	**$3.90**	**$3.95**	**$4.00**	**$4.05**	**$4.10**	**$4.15**	**$4.20**	**$4.25**
180	$112.99	$112.99	$112.99	$112.99	$112.99	$112.99	$107.99	$98.97	$89.96	$80.94
182	$112.99	$112.99	$112.99	$112.99	$112.99	$108.91	$99.79	$90.67	$81.56	$72.44
184	$112.99	$112.99	$112.99	$112.99	$110.03	$100.81	$91.59	$82.37	$73.16	$63.94
186	$112.99	$112.99	$112.99	$111.34	$102.03	$92.71	$83.39	$74.07	$64.76	$55.44
188	$112.99	$112.99	$112.86	$103.44	$94.03	$84.61	$75.19	$65.77	$56.36	$46.94
190	$112.99	$112.99	$105.06	$95.54	$86.03	$76.51	$66.99	$57.47	$47.96	$38.44
192	$112.99	$106.88	$97.26	$87.64	$78.03	$68.41	$58.79	$49.17	$39.56	$29.94
194	$108.90	$99.18	$89.46	$79.74	$70.03	$60.31	$50.59	$40.87	$31.16	$21.44
196	$101.30	$91.48	$81.66	$71.84	$62.03	$52.21	$42.39	$32.57	$22.76	$12.94
198	$93.70	$83.78	$73.86	$63.94	$54.03	$44.11	$34.19	$24.27	$14.36	$4.44
200	$86.10	$76.08	$66.06	$56.04	$46.03	$36.01	$25.99	$15.97	$5.96	$0.00

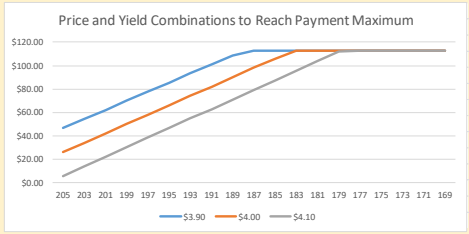
1/ The 2025 benchmark revenue is calculated as the Olympic average of 2019-2023 parish yield multiplied by the Olympic average of the 2019-2023 national MYA prices.
2/ The ARC-CO maximum payment rate is set (capped) at 12% of the 2025 benchmark revenue, as previously determined.
3/ The 2025 revenue guarantee is set at 90% of the benchmark revenue amount.

Farm Program Payment Comparison Under Imposed Assumptions for ARC and PLC
A program comparison is made simultaneously of the programs to denote the program with the higher payment.
Madison Parish example of ARC-CO and PLC programs for the 2025 Crop Year

Farm's PLC Program Yield 180 ***ARC-CO vs. PLC***

	Final Reported National MYA Price									
Yield	**$3.80**	**$3.85**	**$3.90**	**$3.95**	**$4.00**	**$4.05**	**$4.10**	**$4.15**	**$4.20**	**$4.25**
180.356	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC
182.356	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC
184.356	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC
186.356	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC
188.356	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC
190.356	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC
192.356	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC
194.356	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	PLC	PLC
196.356	ARC	ARC	ARC	ARC	PLC	PLC	PLC	PLC	PLC	PLC
198.356	ARC	PLC	PLC	PLC	PLC	PLC	PLC	PLC	PLC	PLC
200.356	PLC	PLC	PLC	PLC	PLC	PLC	PLC	PLC	PLC	PLC

	MYA Price		
Yield	$3.90	$4.00	$4.10
205	$46.56	$26.03	$5.49
203	$54.36	$34.03	$13.69
201	$62.16	$42.03	$21.89
199	$69.96	$50.03	$30.09
197	$77.76	$58.03	$38.29
195	$85.56	$66.03	$46.49
193	$93.36	$74.03	$54.69
191	$101.16	$82.03	$62.89
189	$108.96	$90.03	$71.09
187	$112.99	$98.03	$79.29
185	$112.99	$106.03	$87.49
183	$112.99	$112.99	$95.69
181	$112.99	$112.99	$103.89
179	$112.99	$112.99	$112.09
177	$112.99	$112.99	$112.99
175	$112.99	$112.99	$112.99
173	$112.99	$112.99	$112.99
171	$112.99	$112.99	$112.99
169	$112.99	$112.99	$112.99



PLC Farm Program Payment Estimate for the 2025 Crop Year (Payment occurring in October of 2026)
PLC Program Payments are independent of actual county yields but employ National MYA price.
Madison Parish

	$3.80	**$3.85**	**$3.90**	**$3.95**	**$4.00**	**$4.05**	**$4.10**	**$4.15**	**$4.20**	**$4.25**
PLC	$93.00	$85.50	$78.00	$70.50	$63.00	$55.50	$48.00	$40.50	$33.00	$25.50

ARC/PLC Payment Comparison Tool Madison Parish

Developed for the 2025/26 CY with OBBB Act improvements

ARC-CO Farm Program Payment Estimate for the 2025 Crop Year (Payment occurring in October of 2026)

Corn (irrigated)

Madison Parish

Historic Farm Program Parameters:

Benchmark Revenue[1/]	$941.61
ARC-CO Payment Maximum Rate[2/]	$112.99
Revenue Guarantee[3/]	$847.45
Grower-specified Parameters:	
Estimated Parish Yield for 2025	190
Estimated MYA Price for 2025	$4.00

Estimated ARC-CO Payments for Corn in Madison Parish for the 2025 CY

	Final Reported National MYA Price									
Yield	**$3.80**	**$3.85**	**$3.90**	**$3.95**	**$4.00**	**$4.05**	**$4.10**	**$4.15**	**$4.20**	**$4.25**
180	$112.99	$112.99	$112.99	$112.99	$112.99	$112.99	$107.99	$98.97	$89.96	$80.94
182	$112.99	$112.99	$112.99	$112.99	$112.99	$108.91	$99.79	$90.67	$81.56	$72.44
184	$112.99	$112.99	$112.99	$112.99	$110.03	$100.81	$91.59	$82.37	$73.16	$63.94
186	$112.99	$112.99	$112.99	$111.34	$102.03	$92.71	$83.39	$74.07	$64.76	$55.44
188	$112.99	$112.99	$112.86	$103.44	$94.03	$84.61	$75.19	$65.77	$56.36	$46.94
190	$112.99	$112.99	$105.06	$95.54	$86.03	$76.51	$66.99	$57.47	$47.96	$38.44
192	$112.99	$106.88	$97.26	$87.64	$78.03	$68.41	$58.79	$49.17	$39.56	$29.94
194	$108.90	$99.18	$89.46	$79.74	$70.03	$60.31	$50.59	$40.87	$31.16	$21.44
196	$101.30	$91.48	$81.66	$71.84	$62.03	$52.21	$42.39	$32.57	$22.76	$12.94
198	$93.70	$83.78	$73.86	$63.94	$54.03	$44.11	$34.19	$24.27	$14.36	$4.44
200	$86.10	$76.08	$66.06	$56.04	$46.03	$36.01	$25.99	$15.97	$5.96	$0.00

1/ The 2025 benchmark revenue is calculated as the Olympic average of 2019-2023 parish yield multiplied by the Olympic average of the 2019-2023 national MYA prices.

2/ The ARC-CO maximum payment rate is set (capped) at 12% of the 2025 benchmark revenue, as previously determined.

3/ The 2025 revenue guarantee is set at 90% of the benchmark revenue amount.

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ARC/PLC Payment Comparison Tool Madison Parish

Developed for the 2025/26 CY with OBBB Act improvements

Farm Program Payment Comparison Under Imposed Assumptions for ARC and PLC

A program comparison is made simultaneously of the programs to denote the program with the higher payment.

Madison Parish example of ARC-CO and PLC programs for the 2025 Crop Year

Farm's PLC Program Yield 180

ARC-CO vs. PLC

Final Reported National MYA Price

Yield	$3.80	$3.85	$3.90	$3.95	$4.00	$4.05	$4.10	$4.15	$4.20	$4.25
180.356	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC
182.356	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC
184.356	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC
186.356	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC
188.356	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC
190.356	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC
192.356	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC
194.356	ARC	ARC	ARC	ARC	ARC	ARC	ARC	ARC	PLC	PLC
196.356	ARC	ARC	ARC	ARC	PLC	PLC	PLC	PLC	PLC	PLC
198.356	ARC	PLC	PLC	PLC	PLC	PLC	PLC	PLC	PLC	PLC
200.356	PLC	PLC	PLC	PLC	PLC	PLC	PLC	PLC	PLC	PLC

ARC/PLC Payment Comparison Tool Madison Parish

Developed for the 2025/26 CY with OBBB Act improvements

PLC Farm Program Payment Estimate for the 2025 Crop Year (Payment occurring in October of 2026)

PLC Program Payments are independent of actual county yields but employ National MYA price.

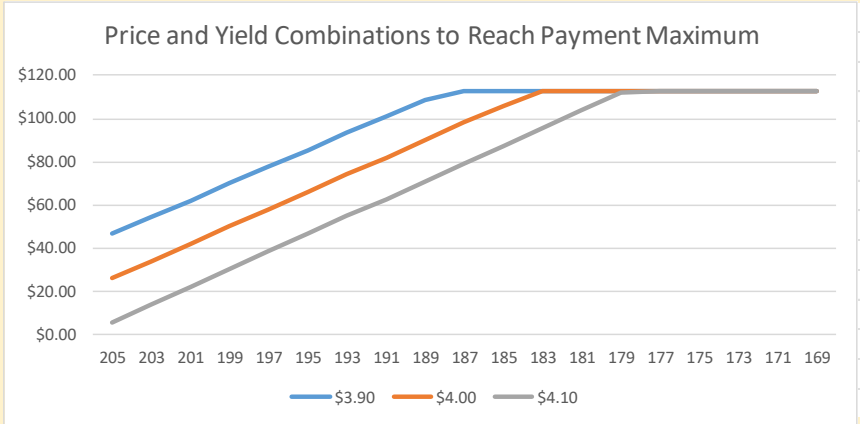
Madison Parish

	$3.80	$3.85	$3.90	$3.95	$4.00	$4.05	$4.10	$4.15	$4.20	$4.25
PLC	$93.00	$85.50	$78.00	$70.50	$63.00	$55.50	$48.00	$40.50	$33.00	$25.50

ARC/PLC Payment Comparison Tool Madison Parish

Developed for the 2025/26 CY with OBBB Act improvements

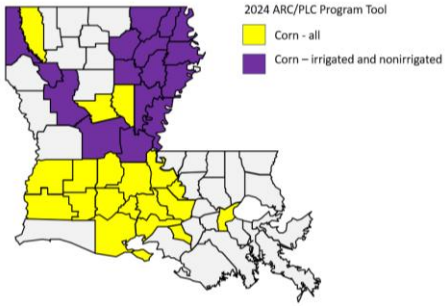
	MYA Price		
Yield	$3.90	$4.00	$4.10
205	$46.56	$26.03	$5.49
203	$54.36	$34.03	$13.69
201	$62.16	$42.03	$21.89
199	$69.96	$50.03	$30.09
197	$77.76	$58.03	$38.29
195	$85.56	$66.03	$46.49
193	$93.36	$74.03	$54.69
191	$101.16	$82.03	$62.89
189	$108.96	$90.03	$71.09
187	$112.99	$98.03	$79.29
185	$112.99	$106.03	$87.49
183	$112.99	$112.99	$95.69
181	$112.99	$112.99	$103.89
179	$112.99	$112.99	$112.09
177	$112.99	$112.99	$112.99
175	$112.99	$112.99	$112.99
173	$112.99	$112.99	$112.99
171	$112.99	$112.99	$112.99
169	$112.99	$112.99	$112.99

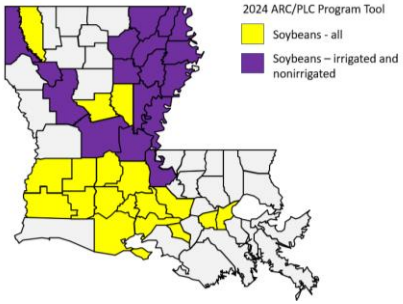


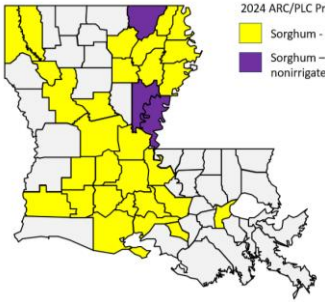
ARC-CO Payment Matrix – 2025 OBBB Act

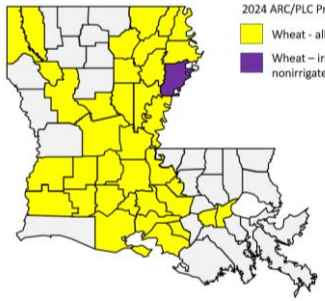
Decision tool to estimate program over a rage of prices and yields

Estimated ARC-CO Farm Program Matrix for 2025 Crop Year													
Concordia Corn (Irrigated)					CO Yield								
				U.S. MYA Price	**193**	**191**	**189**	**187**	**185**	**183**	**181**	**179**	**177**	**175**	**173**
Expected U.S. MYA Price	$4.20			**$5.00**	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$7.59
Expected CO Yield	192.88			**$4.90**	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$5.28	$15.08	$24.88
				$4.80	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$3.77	$13.37	$22.97	$32.57	$42.17
ARC-CO Revenue Guarantee	$871.99			**$4.70**	$0.00	$0.00	$0.00	$0.00	$3.05	$12.45	$21.85	$31.25	$40.65	$50.05	$59.45
CO Yield to Trigger Payment	208			**$4.60**	$0.00	$0.00	$3.14	$12.34	$21.54	$30.74	$39.94	$49.14	$58.34	$67.54	$76.74
CO Yield to Max Payment	180			**$4.50**	$4.03	$13.03	$22.03	$31.03	$40.03	$49.03	$58.03	$67.03	$76.03	$85.03	$94.03
				$4.40	$23.32	$32.12	$40.92	$49.72	$58.52	$67.32	$76.12	$84.92	$93.72	$102.52	$111.32
				$4.30	$42.61	$51.21	$59.81	$68.41	$77.01	$85.61	$94.21	$102.81	$111.41	$116.27	$116.27
				$4.20	$61.89	$70.29	$78.69	$87.09	$95.49	$103.89	$112.29	$116.27	$116.27	$116.27	$116.27
				$4.10	$81.18	$89.38	$97.58	$105.78	$113.98	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27
				$4.00	$100.47	$108.47	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27
				$3.90	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27
				$3.80	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27
				$3.70	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27
				$3.60	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27
				$3.50	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27
				$3.40	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27
				$3.30	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27
				$3.20	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27
				$3.10	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27
				$3.00	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27	$116.27









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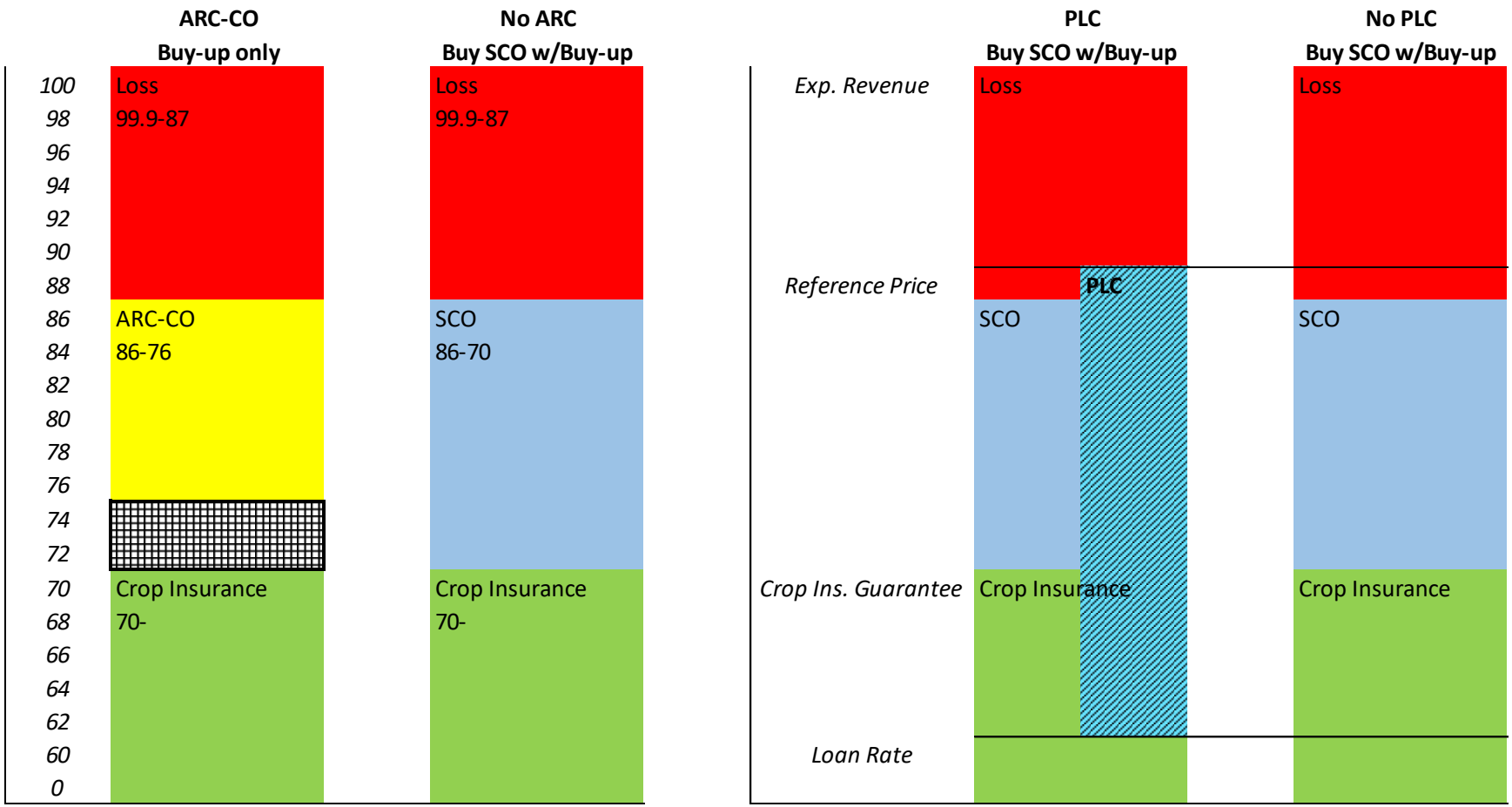
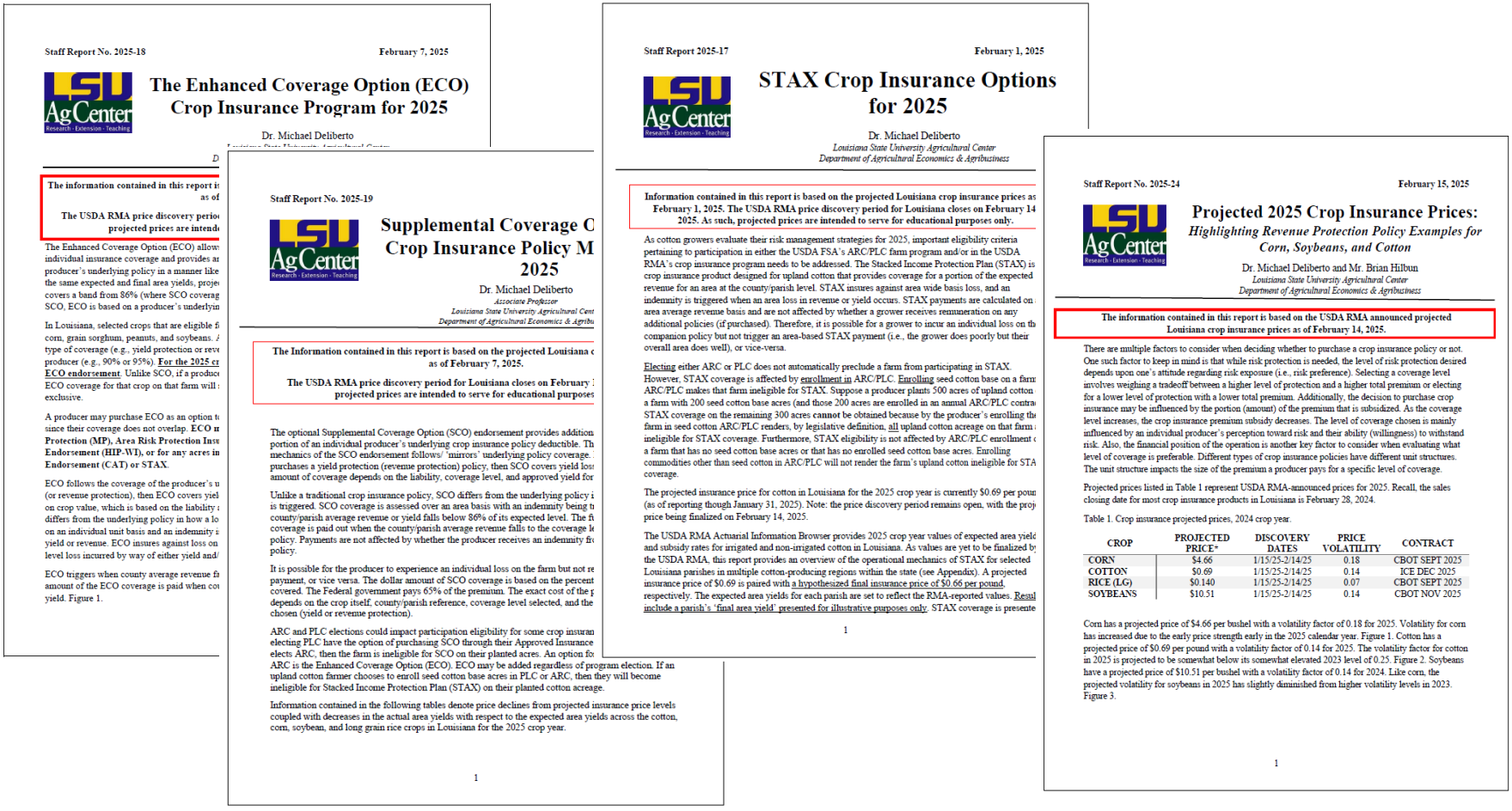
Farm Programs and Crop Insurance Overlap

Identifying coverage levels and exposed areas of revenue



Overview of Crop Insurance Products

Several product offerings are available



Staff Report No. 2025-18 February 7, 2025

The Enhanced Coverage Option (ECO) Crop Insurance Program for 2025

Dr. Michael Deliberto

The information contained in this report is as of

The USDA RMA price discovery period projected prices are intend

The Enhanced Coverage Option (ECO) allow individual insurance coverage and provides a producer's underlying policy in a manner like the same expected and final area yields, proje covers a band from 86% (where SCO coverag SCO, ECO is based on a producer's underlyin

In Louisiana, selected crops that are eligible fi corn, grain sorghum, peanuts, and soybeans. type of coverage (e.g., yield protection or reve producer (e.g., 90% or 95%). **For the 2025 cr ECO endorsement**. Unlike SCO, if a produc ECO coverage for that crop on that farm will exclusive.

A producer may purchase ECO as an option t since their coverage does not overlap. **ECO w Protection (MP), Area Risk Protection Insu Endorsement (HIP-WI), or for any acres in Endorsement (CAT) or STAX**.

ECO follows the coverage of the producer's u (or revenue protection), then ECO covers yiel on crop value, which is based on the liability differs from the underlying policy in how a lo on an individual unit basis and an indemnity i yield or revenue. ECO insures against loss on level loss incurred by way of either yield and/

ECO triggers when county average revenue fi amount of the ECO coverage is paid when co yield. Figure 1.

Staff Report No. 2025-19

Supplemental Coverage C Crop Insurance Policy M 2025

Dr. Michael Deliberto

Associate Professor

Louisiana State University Agricultural Cent

Department of Agricultural Economics & Agribu

The Information contained in this report is based on the projected Louisiana c as of February 7, 2025.

The USDA RMA price discovery period for Louisiana closes on February projected prices are intended to serve for educational purposes

The optional Supplemental Coverage Option (SCO) endorsement provides addition portion of an individual producer's underlying crop insurance policy deductible. Th mechanics of the SCO endorsement follows/ 'mirrors' underlying policy coverage. purchases a yield protection (revenue protection) policy, then SCO covers yield los amount of coverage depends on the liability, coverage level, and approved yield for

Unlike a traditional crop insurance policy, SCO differs from the underlying policy i is triggered. SCO coverage is assessed over an area basis with an indemnity being t county/parish average revenue or yield falls below 86% of its expected level. The fi coverage is paid out when the county/parish average revenue falls to the coverage l policy. Payments are not affected by whether the producer receives an indemnity fr policy.

It is possible for the producer to experience an individual loss on the farm but not re payment, or vice versa. The dollar amount of SCO coverage is based on the percent covered. The Federal government pays 65% of the premium. The exact cost of the p depends on the crop itself, county/parish reference, coverage level selected, and the chosen (yield or revenue protection).

ARC and PLC elections could impact participation eligibility for some crop insuran electing PLC have the option of purchasing SCO through their Approved Insurance elects ARC, then the farm is ineligible for SCO on their planted acres. An option fo ARC is the Enhanced Coverage Option (ECO). ECO may be added regardless of program election. If an upland cotton farmer chooses to enroll seed cotton base acres in PLC or ARC, then they will become ineligible for Stacked Income Protection Plan (STAX) on their planted cotton acreage.

Information contained in the following tables denote price declines from projected insurance price levels coupled with decreases in the actual area yields with respect to the expected area yields across the cotton, corn, soybean, and long grain rice crops in Louisiana for the 2025 crop year.

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Staff Report 2025-17 February 1, 2025

STAX Crop Insurance Options for 2025

Dr. Michael Deliberto

Louisiana State University Agricultural Center

Department of Agricultural Economics & Agribusiness

Information contained in this report is based on the projected Louisiana crop insurance prices as February 1, 2025. The USDA RMA price discovery period for Louisiana closes on February 14 2025. As such, projected prices are intended to serve for educational purposes only.

As cotton growers evaluate their risk management strategies for 2025, important eligibility criteria pertaining to participation in either the USDA FSA's ARC/PLC farm program and/or in the USDA RMA's crop insurance program needs to be addressed. The Stacked Income Protection Plan (STAX) is crop insurance product designed for upland cotton that provides coverage for a portion of the expected revenue for an area at the county/parish level. STAX insures against area wide basis loss, and an indemnity is triggered when an area loss in revenue or yield occurs. STAX payments are calculated on area average revenue basis and are not affected by whether a grower receives remuneration on any additional policies (if purchased). Therefore, it is possible for a grower to incur an individual loss on th companion policy but not trigger an area-based STAX payment (i.e., the grower does poorly but their overall area does well), or vice-versa.

Electing either ARC or PLC does not automatically preclude a farm from participating in STAX. However, STAX coverage is affected by enrollment in ARC/PLC. Enrolling seed cotton base on a farm ARC/PLC makes that farm ineligible for STAX. Suppose a producer plants 500 acres of upland cotton a farm with 200 seed cotton base acres (and those 200 acres are enrolled in an annual ARC/PLC contra STAX coverage on the remaining 300 acres **cannot** be obtained because by the producer's enrolling th farm in seed cotton ARC/PLC renders, by legislative definition, all upland cotton acreage on that farm ineligible for STAX coverage. Furthermore, STAX eligibility is not affected by ARC/PLC enrollment a farm that has no seed cotton base acres or that has no enrolled seed cotton base acres. Enrolling commodities other than seed cotton in ARC/PLC will not render the farm's upland cotton ineligible for STA coverage.

The projected insurance price for cotton in Louisiana for the 2025 crop year is currently $0.69 per pou (as of reporting though January 31, 2025). Note: the price discovery period remains open, with the proj price being finalized on February 14, 2025.

The USDA RMA Actuarial Information Browser provides 2025 crop year values of expected area yield and subsidy rates for irrigated and non-irrigated cotton in Louisiana. As values are yet to be finalized by the USDA RMA, this report provides an overview of the operational mechanics of STAX for selected Louisiana parishes in multiple cotton-producing regions within the state (see Appendix). A projected insurance price of $0.69 is paired with a hypothesized final insurance price of $0.66 per pound, respectively. The expected area yields for each parish are set to reflect the RMA-reported values. Resul include a parish's "final area yield" presented for illustrative purposes only. STAX coverage is presente

1

Staff Report No. 2025-24 February 15, 2025

Projected 2025 Crop Insurance Prices:

Highlighting Revenue Protection Policy Examples for Corn, Soybeans, and Cotton

Dr. Michael Deliberto and Mr. Brian Hilbun

Louisiana State University Agricultural Center

Department of Agricultural Economics & Agribusiness

The information contained in this report is based on the USDA RMA announced projected Louisiana crop insurance prices as of February 14, 2025.

There are multiple factors to consider when deciding whether to purchase a crop insurance policy or not. One such factor to keep in mind is that while risk protection is needed, the level of risk protection desired depends upon one's attitude regarding risk exposure (i.e., risk preference). Selecting a coverage level involves weighing a tradeoff between a higher level of protection and a higher total premium or electing for a lower level of protection with a lower total premium. Additionally, the decision to purchase crop insurance may be influenced by the portion (amount) of the premium that is subsidized. As the coverage level increases, the crop insurance premium subsidy decreases. The level of coverage chosen is mainly influenced by an individual producer's perception toward risk and their ability (willingness) to withstand risk. Also, the financial position of the operation is another key factor to consider when evaluating what level of coverage is preferable. Different types of crop insurance policies have different unit structures. The unit structure impacts the size of the premium a producer pays for a specific level of coverage.

Projected prices listed in Table 1 represent USDA RMA-announced prices for 2025. Recall, the sales closing date for most crop insurance products in Louisiana is February 28, 2024.

Table 1. Crop insurance projected prices, 2024 crop year.

CROP	PROJECTED PRICE*	DISCOVERY DATES	PRICE VOLATILITY	CONTRACT
CORN	$4.66	1/15/25-2/14/25	0.18	CBOT SEPT 2025
COTTON	$0.69	1/15/25-2/14/25	0.14	ICE DEC 2025
RICE (LG)	$0.140	1/15/25-2/14/25	0.07	CBOT SEPT 2025
SOYBEANS	$10.51	1/15/25-2/14/25	0.14	CBOT NOV 2025

Corn has a projected price of $4.66 per bushel with a volatility factor of 0.18 for 2025. Volatility for corn has increased due to the early price strength early in the 2025 calendar year. Figure 1. Cotton has a projected price of $0.69 per pound with a volatility factor of 0.14 for 2025. The volatility factor for cotton in 2025 is projected to be somewhat below its somewhat elevated 2023 level of 0.25. Figure 2. Soybeans have a projected price of $10.51 per bushel with a volatility factor of 0.14 for 2024. Like corn, the projected volatility for soybeans in 2025 has slightly diminished from higher volatility levels in 2023. Figure 3.

1

Crop Insurance Buyup Coverage – 2025

RP example for corn under varying harvest prices and actual yield levels

Projected Price	$4.66
APH	170
Buy-Up Coverage	75%
Revenue Guarantee	$594.15

Crop Insurance Payment Grid for Corn

	Actual Yield per acre								
Harvest Price	**145**	**150**	**155**	**160**	**165**	**170**	**175**	**180**	**185**
$5.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$4.85	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$4.70	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$4.55	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$4.40	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$4.25	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$4.10	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$3.95	$21.40	$1.65	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$3.80	$43.15	$24.15	$5.15	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$3.65	$64.90	$46.65	$28.40	$10.15	$0.00	$0.00	$0.00	$0.00	$0.00
$3.50	$86.65	$69.15	$51.65	$34.15	$16.65	$0.00	$0.00	$0.00	$0.00
$3.35	$108.40	$91.65	$74.90	$58.15	$41.40	$24.65	$7.90	$0.00	$0.00
$3.20	$130.15	$114.15	$98.15	$82.15	$66.15	$50.15	$34.15	$18.15	$2.15

Proj. Price	$4.66
Harv. Price	$3.84
APH	170
Yield Interval	5

Decline
18% Change in Price

Coverage	*Rev. Guar.*	*Yield to Trigger*
70%	$554.54	144.4
75%	$594.15	154.7
80%	$633.76	165.0
85%	$673.37	175.4

RP Insurance Payments by Actual Yield and Coverage Level								
150	**155**	**160**	**165**	**170**	**175**	**180**	**185**	**190**
$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$18.15	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
$57.76	$38.56	$19.36	$0.16	$0.00	$0.00	$0.00	$0.00	$0.00
$97.37	$78.17	$58.97	$39.77	$20.57	$1.37	$0.00	$0.00	$0.00

STAX Crop Insurance Decision Tool – Madison Parish

Examples of shallow loss coverage policies coupled with area performance

STAX RP (Examples with varying coverage ranges for irrigated cotton in Madison Parish, LA for 2025)

1. Determine range of coverage		1. Determine range of coverage		1. Determine range of coverage		1. Determine range of coverage	
Area Loss Trigger (%)	90%	Area Loss Trigger (%)	90%	Area Loss Trigger (%)	90%	Area Loss Trigger (%)	90%
Area Loss Ending (%)	70%	Area Loss Ending (%)	75%	Area Loss Ending (%)	80%	Area Loss Ending (%)	85%
STAX Coverage Range[1/]	20%	STAX Coverage Range[1/]	15%	STAX Coverage Range[1/]	10%	STAX Coverage Range[1/]	5%
2. Calculate STAX policy protection		**2. Calculate STAX policy protection**		**2. Calculate STAX policy protection**		**2. Calculate STAX policy protection**	
Proj. Insurance Price	**$0.69**	Proj. Insurance Price	$0.69	Proj. Insurance Price	$0.69	Proj. Insurance Price	$0.69
Harvest Insurance Price	**$0.66**	Harvest Insurance Price	$0.66	Harvest Insurance Price	$0.66	Harvest Insurance Price	$0.66
Expected Area Yield	**974.0**	Expected Area Yield	974.0	Expected Area Yield	974.0	Expected Area Yield	974.0
Expected STAX Value[2/]	$672.06	Expected STAX Value[2/]	$672.06	Expected STAX Value[2/]	$672.06	Expected STAX Value[2/]	$672.06
STAX Coverage Range	20%	STAX Coverage Range	15%	STAX Coverage Range	10%	STAX Coverage Range	5%
Protection Factor[3/]	**1.00**	Protection Factor[3/]	1.00	Protection Factor[3/]	1.00	Protection Factor[3/]	1.00
STAX Policy Protection	$134.41	STAX Policy Protection	$100.81	STAX Policy Protection	$67.21	STAX Policy Protection	$33.60
3. Calculate the revenue loss (if any)		**3. Calculate the revenue loss (if any)**		**3. Calculate the revenue loss (if any)**		**3. Calculate the revenue loss (if any)**	
Final Area Yield	**850.0**	Final Area Yield	850.0	Final Area Yield	850.0	Final Area Yield	850.0
Harvest Price	$0.66	Harvest Price	$0.66	Harvest Price	$0.66	Harvest Price	$0.66
Final Area Revenue	$561.00	Final Area Revenue	$561.00	Final Area Revenue	$561.00	Final Area Revenue	$561.00
Percent of Exp. Revenue	83.47%	Percent of Exp. Revenue	83.47%	Percent of Exp. Revenue	83.47%	Percent of Exp. Revenue	83.47%
4. Calculate the STAX payment factor		**4. Calculate the STAX payment factor**		**4. Calculate the STAX payment factor**		**4. Calculate the STAX payment factor**	
Area Loss Trigger	90%	Area Loss Trigger	90%	Area Loss Trigger	90%	Area Loss Trigger	90%
Percent of Exp. Revenue	83.47%	Percent of Exp. Revenue	83.47%	Percent of Exp. Revenue	83.47%	Percent of Exp. Revenue	83.47%
Percent Loss	6.53%	Percent Loss	6.53%	Percent Loss	6.53%	Percent Loss	6.53%
STAX Coverage Range	20%	STAX Coverage Range	15%	STAX Coverage Range	10%	STAX Coverage Range	5%
STAX Payment Factor[4/]	0.326	STAX Payment Factor[4/]	0.435	STAX Payment Factor[4/]	0.653	STAX Payment Factor[4/]	1.305
5. Calculate the STAX indemnity payment		**5. Calculate the STAX indemnity payment**		**5. Calculate the STAX indemnity payment**		**5. Calculate the STAX indemnity payment**	
Indty. Calc. to Pymt. Factor	$43.85	Indty. Calc. to Pymt. Factor	$43.85	Indty. Calc. to Pymt. Factor	$43.85	Indty. Calc. to Pymt. Factor	$33.60
Indemnity per acre	$43.85	**Indemnity per acre**	$43.85	**Indemnity per acre**	$43.85	**Indemnity per acre**	$33.60
6. STAX Premium		**6. STAX Premium**		**6. STAX Premium**		**6. STAX Premium**	
Price Volatility	0.14	Price Volatility	0.14	Price Volatility	0.14	Price Volatility	0.14
Coverage Range	20%	Coverage Range	15%	Coverage Range	10%	Coverage Range	5%
RMA Act. Data[5/]	0.2995	RMA Act. Data[5/]	0.3329	RMA Act. Data[5/]	0.3716	RMA Act. Data[5/]	0.4249
Total Premium	$40.26	Total Premium	$33.56	Total Premium	$24.97	Total Premium	$14.28
FCIC Subsidized Portion[6/]	$32.21	FCIC Subsidized Portion[6/]	$26.85	FCIC Subsidized Portion[6/]	$19.98	FCIC Subsidized Portion[6/]	$11.42
GRW Portion of Premium	$8.05	GRW Portion of Premium	$6.71	GRW Portion of Premium	$4.99	GRW Portion of Premium	$2.86
GRW Indemnity Less Premium	*$35.80*	*GRW Indemnity Less Premium*	*$37.14*	*GRW Indemnity Less Premium*	*$38.86*	*GRW Indemnity Less Premium*	*$30.75*

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