

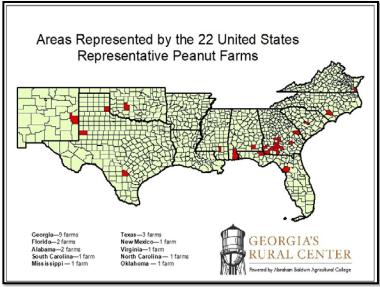
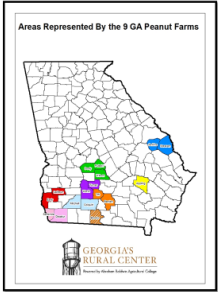
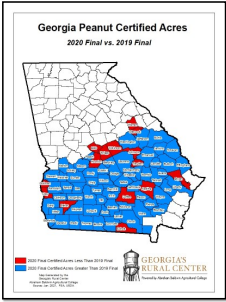
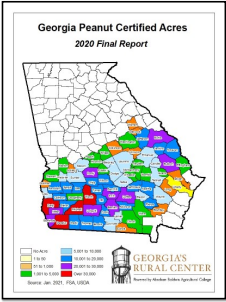
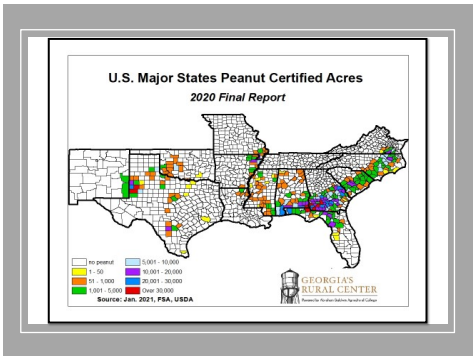
# **A Multi-Economic Analysis Program to Enhance the Sustainability of GA Peanut Producers & Analysis of Potential Impacts of the 2018 Farm Bill, Disaster Programs and Trade Policies on GA Peanut Producers**

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There have been numerous research activities from these two research grants. Below is a list:

1. Peanut Representative Farms – maintenance and utilization of cost data from 22 farms.
2. Provide economic impact of alternative crop prices on the sustainability of the representative farms.
3. Examine USDA COP data by regions for corn, soybeans, cotton and peanuts.
4. FARM BILL – Analysis, pulling data to determine the impact.
5. Provide data analysis on government payments to peanuts, cotton, rice, corn and soybeans.
6. Examine the CBO and FAPRI ag baseline forecasts in relation to peanuts.
7. Assess the impact of potential changes on payment limitations and classification of entities.
8. CFAP and CFAP 2 – Analyzed and provided data for leadership.
9. Trade Mitigation - MFP – Provided county level maps for leadership.
10. Peanut market year prices from NASS, USDA – Maintain database to predict potential PLC.
11. U.S. State level peanut warehouse storage capacity.
12. Peanut consumption from Peanut Stocks and Processing – Provide tables and charts to examine changes in consumption.
13. Provide data on U.S. government peanut purchases to leadership.
14. Peanut and peanut butter exports from FAS, USDA – Provide tables and charts to aid in understanding changes and growth in certain export markets.
10. Presented trade talk to the 2020 SPFF Board of Directors which became the basis of trade articles in the Southeastern Peanut Farmer magazine.
11. Peanut certified acres from FSA, USDA – Provide county level, state level and national level maps, compare to past certified acres and to current acreage.
15. GA Yield and Crop Progress Reports – during growing season provide weekly charts showing how the crop is progressing with comparison to past years and provide weekly GA yield estimates with comparison to USDA's estimate.
16. Crop Insurance – Maintain database showing the breakdown of insured acres by policy type, liability and indemnities.
17. Peanut inspected tonnage reports – Receive data on individual inspected loads to calculate how the GA crop graded from 2013-2020. Data was used to support the change in percentage damage.
18. Peanut loan activity – Maintain database on loan activities and forfeitures at the national and regional level.
19. U.S. peanut production and stocks analysis.
20. U.S. peanut supply and demand balance sheet.

Below are some of the key charts from the research:



Marketing Year	Our Accumulated Avg Prices(\$/ton)	USDA NASS Report Prices(\$/ton)	Difference(\$/ton)
2009	436	434	2
2010	451	450	1
2011	633	636	(3)
2012	603	602	1
2013	488	488	0
2014	440	440	0
2015	387	386	1
2016	393	394	(1)
2017	457	458	(1)
2018	428	430	(2)
2019	410	410	0
2020(Aug-Dec)	414	--	--

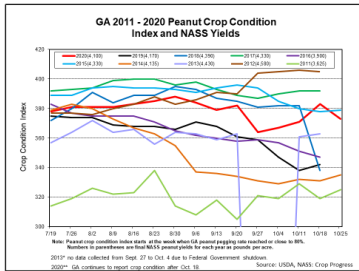
	GA 9 Rep Farms		
Pric'd combination (corn future price @ \$4.77 per bu., cotton future price @ \$11 cents per pound)	Peanut price @ \$540 per ton	Peanut price @ \$545 per ton	Peanut price @ \$550 per ton
Acres	1,736	1,736	1,736
Crops Income/ Acre			
Graind T/C / acre	\$986	\$983	\$982
	\$1,163	\$1,163	\$1,163
Return over T/C /acre	(\$237)	(\$200)	(\$163)
Total Return over T/C	(\$393,846)	(\$347,200)	(\$311,883)
Graind T/C/acre (Equipment and land loans included)			
	\$1,353	\$1,353	\$1,353
Return over T/C	(\$417)	(\$393)	(\$373)
Total Return over T/C	(\$724,179)	(\$678,074)	(\$644,793)
Graind T/C/acre (Equipment and Owned Land Loans No Included)			
	1,163	1,163	1,163
Return over T/C /acre	(227)	(200)	(183)
Total Return over T/C	(393,846)	(347,200)	(311,883)
Graind T/C/acre (Equipment and Owned Land Loans and Land Rent No Included)			
	960	960	960
Return over T/C /acre	(25)	2	21
Total Return over T/C	(42,895)	3,749	37,067

Peanut Consumption From Peanut Stocks And Processing			
Calendar Yearly Sum – Olympic Average			
Jan-Dec(1,000 Pounds)	1997-2001	2016-2020	% Change
Total Shelled Peanut	1,487,470	2,308,679	55.2
Peanut Butter	756,966	1,346,666	77.9
Candy Peanut	356,653	392,878	10.2
Snack Peanut	348,325	485,152	39.3
In-shell	148,873	140,331	-5.7

Source: Peanut Stocks and Processing, NASS, USDA

### U.S. Peanut Trade Growth Rate for Various Time Periods (calendar year)

	Trendline	3-year Simple Average	5-year Olympic Average
1980-2020	2.23%	2.51%	2.51%
2003-2020	10.21%	6.43%	5.98%
2012-2020	6.71%	12.53%	11.58%
2015-2020	3.81%		



States	2020 U.S. States Peanut Income And Shares By Type				2020 U.S. States Peanut Income And Shares By Type			
	RP	YP	CAAT	TOTAL	RP	YP	CAAT	TOTAL
AL	73,372	97,279	6,500	136,000	43%	41%	43%	43%
AR	12,114	12,610	2,200	27,024	43%	47%	43%	47%
FL	71,888	71,962	15,980	159,830	43%	40%	43%	40%
GA	172,730	305,310	42,499	772,539	50%	49%	50%	49%
LA	340	1,300	267	3,570	17%	69%	17%	69%
MS	10,692	8,472	1,570	20,734	56%	48%	56%	48%
NC	34,232	62,188	2,292	98,712	53%	63%	53%	63%
NM	4,072	354	54	4,780	89%	7%	89%	7%
OK	4,380	4,660	157	9,197	48%	51%	48%	51%
SC	50,256	37,273	3,890	85,419	53%	37%	53%	37%
TX	122,334	10,034	8,390	140,758	74%	21%	74%	21%
VA	3,566	19,938	21,000	44,504	17%	83%	17%	83%
Grand Total	772,372	972,616	80,001	1,545,010	50%	45%	50%	45%
SPFFIA (FL, AL, MS)	540,239	620,468	65,001	1,226,668	48%	46%	48%	46%
SHAR (LA, NM, OK, TX)	143,648	18,040	11,213	172,901	49%	26%	50%	26%
VCNC (SC, VA)	88,405	113,934	11,561	208,634	43%	55%	43%	55%