



THE UNIVERSITY OF GEORGIA  
**COOPERATIVE EXTENSION**  
Colleges of Agricultural and Environmental Sciences & Family and Consumer Sciences

## Seminole Crop News

### Question of The Week – Module Burning

December 9, 2011

**Last week I had a photo of a cotton module in a field that was burning. If there's a spark during the cotton picking process we can see this partly due to the air used in moving cotton through the picker. Also, this can be a result of packing cotton that's wet.**

**This week we went on an Office retreat/Christmas celebration on the Chattahoochee River and we went by this sign on the bank that marked the 31st parallel. What is the significance of it?**



# [Crop Budgets and Comparisons](#)

December 9, 2011

I've just added 2 new links on my Blogroll section you can see on the left side of my blog. You can click on them and it will take you to UGA Ag Economics websites. The one entitled "[Crop Budgets, Comparison - In Excel for personalization](#)" takes you to a list of budgets in Excel that you can personalize to your situation. The Crop Comparison sheet is in there too and it can be very useful in comparing crops to grow. You can put in your own projected yields and prices to do some planning. The numbers are this year's right now but Ag Economists are updating them with projected numbers for 2012.

If you just want to print out prepared budgets then click on the other link, "[Crop Budgets, Comparison for Printing](#)"

Here below are examples of what you will see .

10 Irr Peanut [Read-Only] - Microsoft Excel

Peanut, Irrigated

4-Row Combine, 6-Row Equipment  
South Georgia, 2011

Estimated Costs and Returns

Expected Yield: 2.0 Ton

Variable Costs	Unit	Amount	\$/Unit	Cost/Acre	\$/Ton
Seed	pound	130	\$ 0.75	\$ 97.50	\$ 48.75
Inoculant	pound	5	\$ 1.40	\$ 7.00	\$ 3.50
Lime/Gypsum <sup>a</sup>	ton	0.5	\$ 98.50	\$ 49.25	\$ 24.63
<a href="#">Fertilizer Detail</a>					
Phosphate	pound	0	\$ 0.45	\$ -	\$ -
potash	pound	0	\$ 0.50	\$ -	\$ -
Boron	pound	0.5	\$ 6.25	\$ 3.13	\$ 1.56
<a href="#">Weed Detail</a>					
Weed Control	acre	1	\$ 39.70	\$ 39.70	\$ 19.85
<a href="#">Insect Detail</a>					
Insect Control	acre	1	\$ 54.50	\$ 54.50	\$ 27.25
<a href="#">Disease Detail</a>					
Disease Control <sup>b</sup>	acre	1	\$ 83.45	\$ 83.45	\$ 41.73
<a href="#">Preharvest Detail</a>					
Preharvest Machinery					
Fuel	gallon	9.2	\$ 2.85	\$ 26.31	\$ 13.16
Repairs and Maintenance	acre	1	\$ 15.46	\$ 15.46	\$ 7.73
<a href="#">Harvest Detail</a>					
Harvest Machinery					
Fuel	gallon	12.0	\$ 2.85	\$ 34.29	\$ 17.15
Repairs and Maintenance	acre	1	\$ 26.56	\$ 26.56	\$ 13.28
Labor	hour	3.0	\$ 11.25	\$ 34.23	\$ 17.12
Irrigation <sup>c</sup>	acre	5	\$ 10.00	\$ 50.00	\$ 25.00
Crop Insurance <sup>e</sup>	acre	1	\$ 27.50	\$ 27.50	\$ 13.75
Land Rent	acre	1	\$ -	\$ -	\$ -
Interest on Operating Capital	percent	\$274.44	6.5%	\$ 17.84	\$ 8.92
Cleaning	ton	0.7	\$ 12.00	\$ 8.00	\$ 4.00
Drying	ton	1.3	\$ 30.00	\$ 40.00	\$ 20.00
GPC & GPPA State	ton	2.0	\$ 3.00	\$ 6.00	\$ 3.00

Aug2011UpdateCTSA [Read-Only] - Microsoft Excel

SUMMARY OF 2011 SOUTH GEORGIA CROP ENTERPRISE ESTIMATES

By A.R. Smith, N.B. Smith and W.D. Shurley, UGA Extension Economists, Department of Agricultural & Applied Economics

Updated August 2011

Conventional Tillage

	IRRIGATED						NON-IRRIGATED					
	Cotton	Peanuts	Corn	RR Soybeans	Grain Sorghum	Int Mgmt Wheat	Cotton	Peanuts	RR Corn	RR Soybeans	Grain Sorghum	Wheat
EXPECTED YIELD	1,100	4,000	185	55	100	75	700	2,800	85	30	65	65
EXPECTED SEASON AVG PRICE	\$1.00	\$600	\$6.50	\$12.50	\$6.11	\$6.25	\$1.00	\$600	\$6.50	\$12.50	\$6.11	\$6.25
GROSS RETURN	\$1,100	\$1,200	\$1,203	\$688	\$611	\$469	\$700	\$840	\$553	\$375	\$397	\$344
VARIABLE COSTS												
Seed	78	136	90	50	15	45	78	136	53	51	7	30
BWEP	1.44						0.92					
Fertilizer & Lime*	138	52	260	76	128	136	106	52	119	76	109	96
Chicken Litter												
Chemicals	81	198	16	67	15	41	77	171	16	37	15	16
Custom Application/Hand Weeding												
Scouting	10						10					
Fuel and Lube**	44	74	25	24	25	32	43	74	25	24	25	17
Repairs and Maintenance	22	44	15	13	14	15	23	44	15	13	14	8
Irrigation***	126	115	126	92	57							
Labor	26	34	11	10	11	13	25	34	11	10	11	7
Insurance	16	28	14	15	19	10	27	35	19	16	13	9
Land Rent												
Other												
Interest on Operating Capital	18	22	18	11	9	9	13	18	8	7	6	6
Gin & Warehouse (net after cottenseed)	29						19					
Drying and Cleaning		57	57		31	6		40	26		20	5
Marketing and Fees		13						9				
TOTAL VARIABLE COSTS	\$591	\$773	\$632	\$358	\$324	\$307	\$420	\$613	\$292	\$234	\$220	\$194
RETURN ABOVE VARIABLE COS	\$509	\$427	\$570	\$330	\$287	\$162	\$280	\$227	\$261	\$141	\$177	\$150
BREAK-EVEN PRICE	\$0.54	\$386	\$3.42	\$6.50	\$3.24	\$4.09	\$0.60	\$438	\$3.43	\$7.80	\$3.39	\$3.52

Conventional Strip-Till Price Comparison CT&Charts ST&Charts Irrigated Dryland Irrigated ST Dryland ST

Crop Comparison Tool

## [Georgia Peanut Farm Show, Jan. 19, 2012](#)

December 5, 2011



**Peanut Producers can fine-tune their farming operations with information gained at the 36th annual Georgia Peanut Farm Show, Jan. 19, 2012, at the Albany Civic Center in Albany, Ga. The one-day show offers farmers a full day to view the products and services of more than 70 exhibitors and a day of education.**

**The Show and Conference is co-sponsored by the University of Georgia. The Production Seminars, coordinated by Dr. John Beasley, UGA Extension Scientist, will be held in the morning from 9:00 a.m. to 10:45 a.m. Following lunch the Georgia Peanut Seed Seminar will be held from 1:30 p.m. to 3:00 p.m., which is sponsored by the peanut industry. Both of these seminars provide over 3 hours of intensive information and training.**

**We'll also have a good lunch and more than \$40,000 in door prizes.**

## [Celebrating 150 years of Land-Grant Education](#)

December 2, 2011



Three Seminole County High School Seniors that recently visited a Land Grant University with the Collegiate 4-H Club.

**By J. Scott Angle University of Georgia**

**Higher education in America was once a luxury for the privileged. In 1862, President Abraham Lincoln changed that when he signed the Morrill Act, which established the nation's land-grant universities and opened doors of higher education to more Americans.**

**The act directed funding to agriculture, engineering and mechanical arts education, helping build the infrastructure that has kept us strong and helps feed the world today.**

**This year we mark the 150th anniversary of the land-grant university system. We celebrate the advances the act provided. Today the U.S. has a safe, secure food supply, a well-educated**

**population, vibrant centers of innovation and discovery, and hands-on local education enriches citizens' lives.**

**The act also helped grow a dynamic, successful middle class in America that is the backbone of our society, workforce and future.**

### **New challenges ahead**

**Everyday we face new challenges. The population is growing, but available land to grow food is not. Our environment is suffering, and ways to protect it must be found. America is slipping behind the world in science education, and higher education must be openly available now more than ever for us to compete.**

**The act embraced by President Lincoln 150 years ago is more important today than the day it was signed.**

**When delivering the Justin Morrill Lecture last week at the Association of Public and Land-grant Universities conference, Kenneth G. Cassman, professor of agronomy at the University of Nebraska-Lincoln, outlined the perfect storm of problems that lies ahead. He contended that rising fuel and food costs reduces spendable income, which causes education levels to decrease and birth rates to rise, creating a cycle that threatens our ability to feed people.**

**Solutions to many of these challenges will be found in the classrooms, labs and programs of land-grant universities.**

**At the University of Georgia, we are breeding better crops that can produce higher yields with less water and less environmental impact. We are working to find a dependable supply of bio-based fuels to help solve our energy problems. And we are discovering ways to produce food using fewer chemicals and fertilizers.**

### **The legacy and the future**

**The legacy of the Morrill Act is evident across generations of American families and the landscape of our agricultural promise.**

**Our system is the envy of many. Struggling countries often look squarely to our land-grant system as the solution to the problems that plague them. From Eastern Europe to Africa and Afghanistan, we've helped introduce the public educational system to promote a brighter future for us all.**

**We must now greet the next 150 years with the same vigor and dedication we gave the past 150 years. It requires renewed commitment to reliable funding, sound policy and partnerships that got us this far.**

**While today's problems are more complex, so are the tools and technologies available to solve them. As we celebrate our successful past and remember the wisdom of President Lincoln, we**

will keep our sights set on developing the new innovations that will ensure a food-secure future.

*(J. Scott Angle is dean and director of the University of Georgia College of Agricultural and Environmental Sciences and chairman of the APLU Board on Agriculture Assembly.)*

## [The Preliminary 2011 Peanut yield data for Tifton, Ga](#)

December 2, 2011

<b>Tifton, Georgia:Peanut Variety Performance, 2011 Irrigated</b>	
<b>Variety</b>	<b>2011 Yield lb/A</b>
Runner Types	
GA 0725311	<b>6434</b>
GA 0825461	<b>6089</b>
GA 0727161	<b>6002</b>
FloRun™ '107'	5433
GA 0825241	5421
GA 0725151	5385
Georgia-06G	5345
GA 0725141	5276
Georgia-10T	5273
Florida-07	5260
Georgia Greener	5185
Georgia-07W	5115
GA 0825221	5106
Tifguard	5061
GA 0725231	4991
UF 103022	4982
Georgia-09B	4949
Georgia-02C	4604
GA 0825491	4586
GA 0825481	4547
Georgia Green	4483
Average	5216
LSD at 10% Level	508
C.V. %	10.4
Virginia Types	
Georgia-08V	5376
CHAMPS	5212
Bailey	5200
Georgia-11J	5161
Gregory	4925
Sugg	4895
Florida Fancy	4668

Titan	4356
Perry	4280
Average	4897
LSD at 10% Level	508
C.V. %	10.4
1. Advanced Georgia breeding line.	
2. Advanced Florida breeding line.	
<b>Bolding</b> indicates entries not significantly different from highest yielding entry based on Fisher's protected LSD (P = 0.10).	
Test conducted by A. Coy, R. Brooke and D. Dunn.	
<b>The preliminary 2011 peanut yield data for Tifton, GA is now available on the Variety Testing web site: <a href="http://www.swvt.uga.edu">www.swvt.uga.edu</a></b>	

## Ultra Late Crops

December 1, 2011

**Ultra late soybean crop harvesting is taking place now with pretty good yield reports on many acres. Here's a photo I took yesterday of the combine going through a field.**



**Here's a closeup of the good quality soybeans in the field.**



Later,

A handwritten signature in black ink that reads "Rome Ethredge". The signature is written in a cursive style and is placed on a light blue rectangular background.

Rome

Rome Ethredge, CEC  
Seminole County Extension  
Phone: 229-524-2326  
Fax:: 229-524-2856  
e-mail: [ethredge@uga.edu](mailto:ethredge@uga.edu)

**Learning**  
*for* **Life**