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Alabama A&M and Auburn Universities

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On The Farm

NEWS LETTER JANUARY 2011

This will be my last "On the Farm" newsletter with the Alabama Cooperative Extension System. I am soon retiring from Extension.

I am very grateful for the past 22 years of working with Auburn University and especially thankful for the past five years of working for and with the Row Crop Producers in Southwest Alabama. Many books could be written on the crops we have raised, but the best book would be written on the friends we have made. And for your friendships especially, I would like to thank you.

Deer and Hog Mega Fence

I would like to thank Charles Dean and Loney Fortner for sharing with our growers their plan for the Deer and Hog Mega Fence and also Mark and Alex Taylor for helping us with their expertise in the Solar Electric Fence Chargers and electrical designs. There are many of these fences up in these Southern States now. Many growers have called with reports of their success. Both Dean and Fortner would like to remind growers that there is no guarantee with total success and they also recommend that when your fence is not hot, to take the fence down. Deer and hogs are creatures of habit, and once they learn to go through the fence comfortably with no juice or electricity, they will continue to go through it when you do turn the electricity back on.

Upcoming Meetings

Farm Day 2011

Date: Friday, Feb 4, 2011

Place: YMCA Building in Atmore, 501 South Pensacola Avenue, Atmore, AL 36502

8:00-8:30	Registration
8:30-8:35	Welcome
8:35-9:05	Herbicide Resistance to Weeds in Crops: Palmer Amaranth, Dr. Barry Brecke, UF IFAS
9:05-9:40	Cover Crops: Kirk Iversen and Richard Petcher
9:40-10:00	Farm Succession and Sustainability: Steve Brown, ACES Escambia County Extension Coordinator
10:00-10:30	Break
10:30-11:10	Stockering Cattle: Dr. Darrell Rankin, Auburn University
11:10-12:00	Disease Management of Row Crops: Dr. Bob Kemeraite, University of Georgia
12:00	Sponsored Lunch
12:30-1:30	Economic Outlook for Row Crops: Dr. Nathan Smith, University of Georgia

For more information contact: Libbie Johnson, Escambia County Extension, University of Florida/IFAS, 3740 Stefani Road, Cantonment, FL 32533-7792 850.475.5230, 850.475.5233 Fax

http://escambia.ifas.ufl.edu/agriculture/index_ag.shtml

Gypsum Soil and Plant Dynamics and Cover Crops Paving the Way for Profits

Date: Tuesday, February 8, 2011

Place: The Light House Restaurant in Bayou la Batre

Time: 6:00 p.m.

Speakers: Dr. Malcolm Sumner, Professor of Environmental Soil Science Emeritus UGA; Richard Petcher, Regional Extension Agronomist

Gypsum Soil and Plant Dynamics and Cover Crops Paving the Way for Profits

Date: Wednesday, February 9, 2011

Place: David's Catfish House in Atmore

Time: 11:30 a.m.

Speakers: Dr. Malcolm Sumner, Professor of Environmental Soil Science Emeritus UGA; Richard Petcher, Regional Extension Agronomist

Applied Science Report

On Farm variety testing and research can be very helpful and make good field demonstrations for agronomic practices in our area. Research is conducted at the university and research stations. These however, are done on grower's fields and typically on a larger scale. Often they are as much a part of a verification program for our area as they are research. Results were recorded and published in Regional News Letter and Auburn University web site. I would like to thank each grower and sponsor for their hard work in conducting these tests that are so helpful to our area row crop producers.

2010 Alabama On-Farm Corn Hybrid Program

Dryland Roundup® Test
 Test Location: *Washington County*
 Farmer Cooperators: *Rod Richardson*
 Regional Extension Agent: *Richard Petcher*
 Extension Grain Specialist: *Dr. Brenda Ortiz*
 Alabama Cooperative Extension System

Planted: March 26, 2010
Plant Population: 27,000
Plot Size: 0.4 acres

Harvested: July 28, 2010
Previous Crop: Peanuts
Rainfall: Adequate rainfall but had some dry time shortly after tassel.

Tillage: Conventional
Soil Type: Bama Fine Sandy Loam

Hybrid	Moisture	Test Weight	Weight	Bushels/Acre Adjusted to 15.5% Moisture
NK N82/VT3/P	22.3	57	4272	174.4
DKC 68-96	24.2	57	4348	173.2
DK 68-05	22.9	56	4248	172.1
Pioneer 31P42	22.4	56	4218	172.0
REV 25HR39	22.1	57	4198	171.8
REV 28H20	21.2	57	4136	171.2
CropLan 8509	21.6	54	4076	167.9
NKN78NGT	22.3	57	4100	167.4
CropLan 851	21.1	58	4022	166.7
DynaGro 56VP24	22.3	57	4070	166.2
Pioneer 33F87	21.4	56	3902	164.2
DynaGro 56VP79	21.3	58	3972	161.1

Appreciation is expressed Rod Richardson, the Alabama Wheat and Feed Grain Commission, and the participating seed companies for supporting this test.

Cotton Conventional Variety Test 2010

Producer: *Wesley and Scott Saucer in Monroe County*
 Regional Extension Agronomist: *Richard L. Petcher*
 Auburn University Cotton Agronomist: *Dr. Charles D. Monks*

This test was replicated 2 times. Plot was planted on 38 inch row spacing. Rows were 2640 feet long and 8 rows were harvested. Plot size was 1.5 acres.

Planted on May 26, 2010

Harvested on November 18, 2010

Variety	Seed Treatment	Maturity	% Lint	Lint Yield in pounds per acre
Fiber Max 1845 LL	Aeris Trilex	M-F	0.40	1037.3
LA 1110035	Temik	M-F	0.40	1118.6
Linwood	Aeris Trilex	E-M	0.40	1118.6
UGA 303	Aeris Trilex		0.40	1100.0
CT 210	Aeris Trilex	M-F	0.40	1078.6
PHY 440 W	Aeris Trilex	E-M	0.40	1076.0
CT 212	Aeris Trilex	E-M	0.40	1070.6
DP 491	Aeris Trilex	E-M	0.40	1066.6
DP 555BR	Aeris Trilex	F	0.40	1050.6
UGA 230	Aeris Trilex		0.40	1037.3
CT 310	Aeris Trilex	E-M	0.40	1022.6
90x1	Aeris Trilex		0.40	1021.3
LA 1110017	Temik	M-F	0.40	1021.0

Appreciation is expressed to the sponsors of this test, the Alabama Cotton Commission and the Delta-Pine, Stoneville, FiberMax, Phytogen, Seed Source Genetics, UGA and LSU Universities.

MG V to VI Roundup Ready^R Soybean Varieties – Baldwin County, AL 2010

Dennis Delaney, Extension Specialist and Richard Petcher, Regional Extension Agent

This trial was planted on June 26, 2010 following a wheat grain crop on the George Swartz Farm near Elberta, Alabama. Plots were maintained according to Extension recommendations. Rainfall was generally plentiful, although short dry spells were encountered during the summer. No significant lodging was noted for any variety. Plots were harvested on November 8, 2010 using the producer's combine and a weighing grain buggy. Yields were adjusted to 13% moisture and 60 lb/bu.

Table 1. Baldwin County MG V to VI RR Soybean Varieties, 2010

Brand	Variety	Bu/A @ 13.0%	Ht (in)
Armor	55-A5	62.6	
Progeny	6710RY	60.3	
Pioneer	96M60	58.8	
Pioneer	95Y70	57.2	
Dyna-Gro	V61N9	57.1	
Croplan	RC6298	56.4	
Asgrow	5606	55.1	
MorSoy	RT5388	54.4	
Progeny	6208	50.4	

Appreciation is expressed to George Swartz and neighbors for their cooperation, particularly at harvest, and seed industry reps for their support. The Alabama Soybean Producers (check off) grant support is also appreciated.

Peanut Variety Test 2010

Producers: *Adam and Ray Bertola*

Auburn University Peanut Agronomist: *Kris Balkcom*

Cultivar	Yield in Pounds per acre	Grade TSMK
Georgia Greener	6,250	76
Georgia 06G	6,200	77
Florida 07	5,900	74
Tifguard	5,800	77
Georgia 07W	5,700	77
Georgia Green	5,300	77

Appreciation is expressed to Adam and Ray Bertola and the Alabama Peanut Producer's Association for sponsoring this test.

Small Grains

Wheat and oats are the crops in the ground at this time. Presently this small grain crop is in good condition. The Hessian fly is one of our major pests on wheat. Quite a few acres in this area were planted in the varieties Crawford and Coker 9700 which are fairly new to this area. Growers will want to know that Crawford is resistant to most Hessian fly except Biotype L., and Coker 9700 has no Hessian fly resistance.

If you need assistance through your county office, contact:

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Again, it has been a pleasure working with all of you. And hope this information has been helpful.

Truly,



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