



The University of Georgia

College of Agricultural and Environmental Sciences
Cooperative Extension

Effingham County
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December 20, 2013

Effingham AG News

2013 will soon come to an end and I know that the end will not be soon enough for many as we hope for better weather conditions, prices and yields in 2014. The 2013 season was difficult to say the least with the excess moisture – some more than others – but all had their fair share. Hopefully, the 2014 harvest will be plentiful and prosperous for you.

Georgia Agriculture Tax Exemption Program (GATE)

Your GATE card will expire on December 31, 2013. You will need to go to the following website to renew it for 2014: <https://forms.agr.georgia.gov/GATE/> Renewal instructions are located on the site.

MAP-21 CDL

Under federal requirements, a producer must carry a special tag or distinction on the vehicle in order to take advantage of the MAP-21 CDL exemption.

Georgia Department of Public Safety (DPS) has created a “Covered Farm Vehicle Designation” form (DPS TR0025), which can be accessed by clicking: <http://gamccd.net/FarmVehicle.aspx>.

Note: This form must be completed online.

The DPS TR0025 Form will require the Vehicle Identification Number (VIN) in order to complete. The completed form MUST be carried in the power unit of the covered farm vehicle during all operation and MUST be available for inspection by law enforcement personnel to obtain this exemption.

For additional information please visit: http://gamccd.net/Documents/MAP_21.pdf.

Wheat

Aphids can be a real problem in wheat due to the fact that they transmit Barley Yellow Dwarf disease besides the fact that they damage the plant through direct feeding. We need to be scouting our fields to evaluate aphid levels. I have listed some information below from the UGA Pest Control Handbook in regard to aphids.

Inspect fields at 25-35 days after planting, full tiller, and heading. Yield-reducing transmission of Barley Yellow Dwarf virus can occur during first two periods; transmission at heading is too late to reduce yield.

Aphid treatment thresholds are:

Seedlings (2 per row ft.)

6-10 inch plants (6 per row ft.)

Stem elongation (2 per stem)
Flag leaf (5 per flag)
Heading (10 per head to include flag) and Soft/Hard Dough stages (Do not treat)

Pasture and Hayfield Weed Control

Look at your forages to determine the severity of weed pressure. To control many of the winter weeds, they need to be sprayed in February or early March. The weeds need to be sprayed before they reach 3-4 inches in height to attain maximum weed control.

2013 Variety Performance Tests

Included you will find the Effingham County corn, cotton, peanut and soybean research results. Thanks to the producers that allowed this information to be generated on their farms. This information can be helpful and useful to you in making your 2014 variety selections. The UGA CAES Statewide Variety Testing program provides annual performance testing results on several commodities including small grains and forage, corn and silage, and field crops. The statewide OVT trials are available at the following web site - <http://www.swvt.uga.edu/>

Dates to Remember

January 16, 2014	Peanut Farm Show – Tifton, GA
January 22, 2014	UGA Cotton Production Workshop – Tifton, GA
January 28, 2014	Georgia Ag Forecast – Lyons, GA
January 30, 2014	Extension Corn and Soybean Production Meeting – Springfield, GA
February 4, 2014	Extension Cotton Production Meeting – Springfield, GA
February 7, 2014	Soybean/Small Grain Expo – Perry, GA
February 27, 2014	Extension Peanut Production Meeting – Springfield, GA

Please do not hesitate to give me a call at the Extension Office (754-8040) or mobile (429-8004) if I can be of assistance to you.

Bill Tyson
Effingham County Extension Coordinator/Ag Agent

Shiloh Farms Irrigated Liberty Managed Cotton Variety Trial Effingham County Cooperative Extension

Variety	Average Lint Yield
ST 6448 GLB2	1179
BX 1347 GLB2	1136
PHY 575 WRF	1107
PHY 499 WRF	1106
ST 4946 GLB2	1032
PHY 367 WRF	1003
FM 1944 GLB2	971
PHY 339 WRF	954
Plot Average	1061

Cooperators: Larry & Bruce Redmond

Planted: May 23, 2013

Harvested: November 5, 2013

2013 Mount Pleasant Farms Dryland RR Corn Variety Trial Effingham County Cooperative Extension

Variety	% Moisture	Bushels/Acre @ 15.0 % Moisture
Check	20.4	113.6
Pioneer 1319	20.2	98.9
Check	20.6	96.4
Pioneer 1396	19.9	94.6
Check	20.3	90.4
DKC 67-58	21.5	89.9
Check	19.5	115.4
Pioneer 1690	21.3	89.1
Check	19.5	81.0
DKC 62-29	19.4	81.6
Check	20.3	78.4
Plot Average	20.4	93.1

*Pioneer 1184 is the variety planted for the check.

Planting Date: April 24, 2013

Harvest Date: September 3, 2013

Cooperator: Ashley and Michael Morgan

2013 Winfield Farms Irrigated RR Corn Variety Trial Effingham County Cooperative Extension

Variety	Test Weight	% Moisture	Bushels/Acre @ 15% Moisture
Check	54.5	19.4	157.3
DKC 62-29	55.3	18.7	176.6
Check	53.3	19.9	155.7
Pioneer 1690	56.2	20.0	169.8
Check	53.6	19.5	158.3
DKC 65-19	57.6	19.2	180.7
Check	53.0	19.6	160.6
Pioneer 1636	54.3	18.6	158.6
Check	53.8	19.3	162.3
DKC 64-69	56.2	18.6	175.3
Check	53.8	19.5	159.8
Pioneer 1319	56.8	18.4	169.6
Check	54.8	19.1	166.5
DKC 62-08	55.5	17.9	171.6
Check	54.2	19.4	155.1
Pioneer 2023	50.2	20.7	150.1
Check	50.7	20.3	152.3
Plot Average	54.3	19.3	163.5

*Pioneer 2023 is the variety planted for the check.

Cooperator: Bucky Morel
Planting Date: April 23, 2013
Harvest Date: August 29, 2013

Winfield Farms Effingham County Peanut Cultivar Trial – Irrigated

Cultivar	Yield (lbs/Acre)	TSMK %	OK %
Florida-07	4348.0 a	68.3 c	6.0 a
Georgia Greener	4164.0 a	72.7 a	4.3 a
Georgia-06G	4073.0 a	72.0 ab	4.7 a
Georgia-09B	3449.3 a	71.7 ab	4.7 a
LSD (0.05)		2.67	1.83

Cooperator: Bucky Morel
Planting Date: May 13, 2013
Harvest Date: October 7, 2013

MOUNT PLEASANT FARMS
ROUNDUP READY SOYBEAN VARIETY TRIAL
Effingham County Cooperative Extension

PLOT	VARIETY	Test Weight	Bushels/Acre @ 13.0% Moisture
1	Pioneer 95Y70	52.9	32.0
2	Check	52.4	33.1
3	Pioneer 54T94R	51.9	34.6
4	Check	54.7	30.7
5	Pioneer 95Y61	54.0	30.6
6	Check	52.1	31.7
7	Pioneer 95Y71	53.9	27.9
8	Check	52.9	29.3
9	AG 5732	52.6	25.0
10	Check	55.7	31.4
11	Pioneer 95Y80	53.5	28.3
12	Check	54.2	31.4
13	Pioneer 95M82	55.2	28.6
14	Check	51.9	31.4
15	AG 6931	52.7	35.3
16	Check	51.9	29.3
17	HBK R7028	55.4	31.2
18	Check	52.4	31.8
19	AG 7231	54.9	34.2
20	Check	52.1	33.1
21	AG 7733	53.8	40.4
Avg.		53.4	31.5

*Pioneer 97Y50 is the variety planted for check.

Cooperator: Ashley and Michael Morgan

Planting Date: May 31, 2013

Harvest Date: November 21, 2013