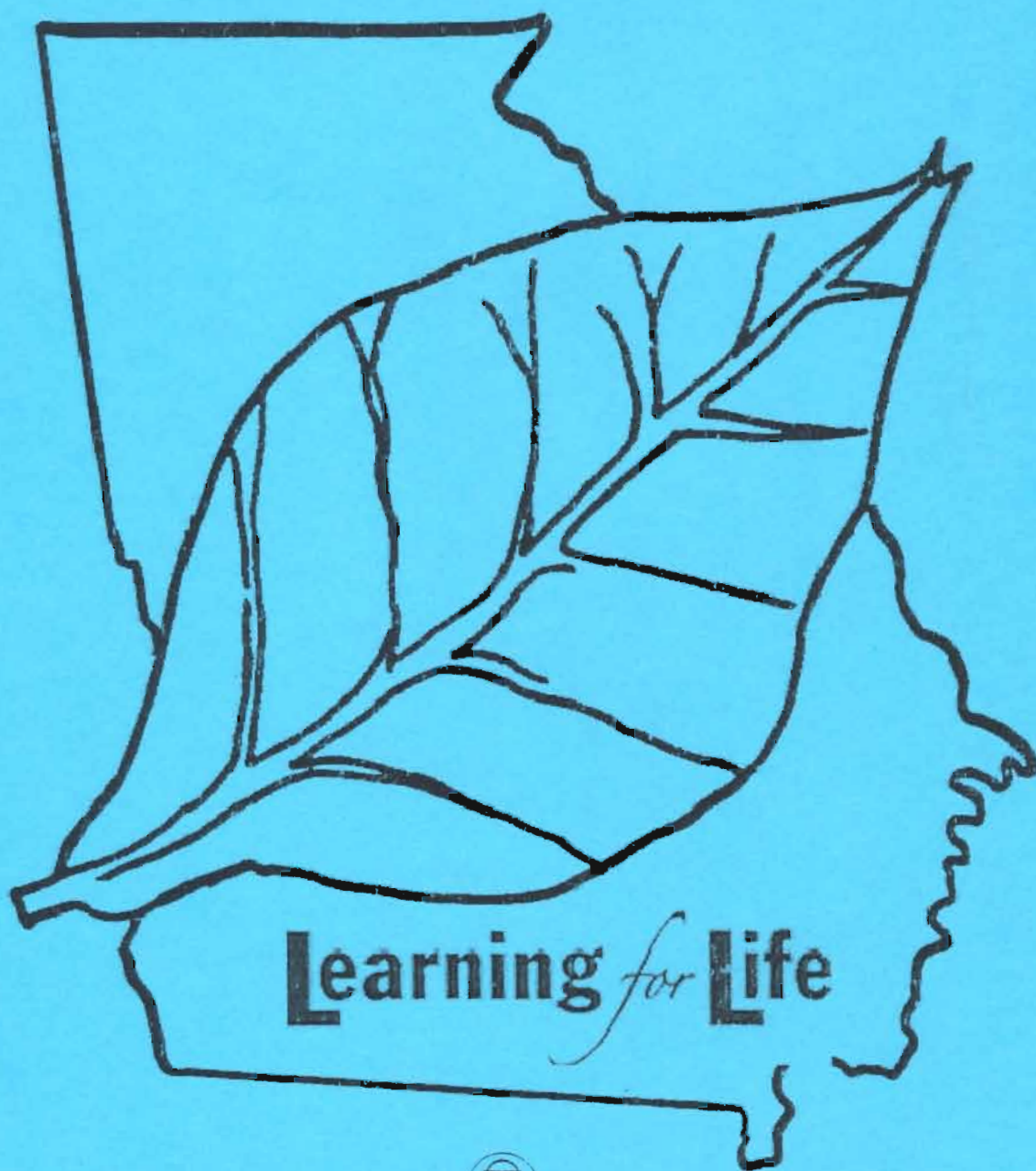


2011

Georgia - Florida Tobacco Tour



The University of Georgia

College of Agricultural & Environmental Sciences

The University of Georgia
College of Agricultural and Environmental Sciences
Cooperative Extension
Tifton, Georgia

EXTENSION OFFICES IN COUNTIES WITH TOBACCO PRODUCTION

<u>County</u>	<u>Phone No.</u>	<u>FAX No.</u>	<u>County</u>	<u>Phone No.</u>	<u>FAX No.</u>
Appling	912-367-8130	912-367-1184	Jeff Davis	912-375-6648	912-379-1091
Atkinson	912-422-3277	912-422-6223	Lanier	229-482-3895	229-482-2654
Bacon	912-632-5601	912-632-6910	Lowndes	229-333-5185	229-333-5188
Ben Hill	229-426-5175	229-426-5176	Pierce	912-449-2034	912-449-8005
Berrien	229-686-5431	229-686-7831	Tattnall, Reidsville	912-557-6724	912-557-3332
Brantley	912-462-5724	912-462-5464	Telfair	912-868-6489	912-868-2773
Brooks	229-263-4103	229-263-5607	Thomas	229-225-4130	229-225-4183
Candler	912-685-2408	912-685-6614	Tift	229-391-7980	229-391-7999
Coffee	912-384-1402	912-389-4007	Toombs	912-526-3101	912-526-1012
Colquitt	229-616-7455	229-616-7033	Treutlen	912-529-3766	912-529-3767
Cook	229-896-7456	229-896-7457	Ware	912-287-2456	912-287-2499
Echols	229-559-5562	229-559-9436	Wayne	912-427-5965	912-427-5967
Irwin	229-468-7409	229-468-9838	Worth	229-776-8216	229-776-8216

UGA Tobacco Home Page

<http://www.georgiatobacco.com>

TOBACCO EXTENSION SCIENTISTS

(see web site for email addresses)

J. Michael Moore, Extension Agronomist - Tobacco, Editor	229-386-3006	229-386-7308
Paul Bertrand, Extension Pathologist (Retired)	229-386-7495	229-386-7415
David Jones, Extension Entomologist (Retired)	912-681-5639	912-681-0376
William D. Givan, Extension Agricultural Economist (Retired)	706-542-2632	706-542-4131
Keith D. Kightlinger, Extension Economist - Farm Management (Retired)	229-386-3512	229-386-3440
Paul Sumner, Extension Engineer (Retired)	229-386-3442	229-386-3448
Glendon H. Harris, Extension Agronomist - Environmental Soil and Fertilizer	229-386-3194	229-386-7308

TOBACCO RESEARCH SCIENTISTS

Alex Csinos, Plant Pathology, CPES, Tifton (Retired)	229-386-3373	229-386-7285
Bob McPherson, Entomology, CPES, Tifton (Retired)	706-745-2655	706/745-1526
Steve LaHue, Bowen Farm Research Coordinator	229-386-3602	229-386-7293
Stephen Mullis, Plant Pathology, CPES, Tifton	229-386-7479	229-386-7285
Lara Lee Hickman, Plant Pathology, CPES, Tifton	229 386 3163	229-386-7285
Ed Troxell, Bowen Farm Supervisor	229-386-3167	229-386-7293
CPES, Bowen Farm	229-386-7053	

Physical /Postal Address: 4604 Research Way, UGA Tifton Campus / 2360 Rainwater Rd, Tifton, GA, 31793-5766

**THE GEORGIA EXTENSION TOBACCO TEAM EXPRESSES
APPRECIATION TO THE FOLLOWING FINANCIAL SUPPORTERS OF THE
2011 GEORGIA TOBACCO TOUR**

**Agri Supply-Statesboro &
Agri-Supply-Tifton**

Drexel Chemical Company

Dupont

Ag South Crop Insurance

FMC

Alliance One International

F.W. Rickard Seeds, Inc.

Bayer Crop Science

**Georgia Tobacco
Commission**

Berrien Co. Farm Bureau

Carolina Soil Company, Inc.

Gold Leaf Seed Co.

Chemtura AgroSolutions

SQM

Cross Creek Seed, Inc.

Syngenta

Cureco Inc.

YARA North America

Dow AgroSciences

GEORGIA - FLORIDA TOBACCO TOUR

RULES OF THE ROAD

- **Headlights should ALWAYS BE ON when participating in the tour.**
- **Follow close enough to the next vehicle to show that you are a part of the tour, but far enough back to avoid a collision.**
- **Be cautious at intersections but promptly follow the directions of law enforcement assisting the tour.**
- **Always “fuel-up” the night before. The Tour will depart as sheduled.**
- **Wait until the Tour has “left you” rather than trying to “leave the tour”. THOSE BEHIND YOU WILL FOLLOW YOU!!!**



THE UNIVERSITY OF GEORGIA

COOPERATIVE EXTENSION

Colleges of Agricultural and Environmental Sciences & Family and Consumer Sciences

2360 Rainwater Rd, Tifton, GA 31793 PH: 229-386-3006 FAX: 229-386-7308 CELL: 229-392-6424

SCHEDULE - 2011 GEORGIA-FLORIDA TOBACCO TOUR

Monday, June 13, 2011

5:00 pm - Check-in Quality Inn, Waycross PH: 912-283-4490

6:30 pm - Social - Mixon's Pond - Hwy. 82, Waresboro, Ware Co.

7:00 pm - Supper - Mixon's Pond - Hwy. 82, Waresboro, Ware Co.

Tuesday, June 14, 2011

7:30 am - Leave Holiday Inn parking lot.

8:15 am - Arrive Daniel Johnson Farm - Pierce County

- James Jacobs, Pierce County Extension Coordinator
- J. Michael Moore, Extension Agronomist - Tobacco

9:15 am - Arrive Franklin Burch Farm - Wayne County 30 30'12.01"N, 82 03'38.57"W
(Regional Tobacco Variety Farm Test)

- Mark Frye, Wayne County Extension Coordinator
- J. Michael Moore, Extension Agronomist - Tobacco

10:35 pm - Arrive Kenneth Williams Farm - Jeff Davis Co N 31 49.257, W 82 36.574
(Budworm Control & Coragen Application Methods Trial)

- Tim Varnedore, Jeff Davis County Extension Coordinator
- David Jones, Extension Entomologist Tobacco - Retired

11:20 pm - Arrive Jerry Wooten Farm - Jeff Davis County

(Budworm Control & Coragen Application Methods Trial)

- Tim Varnedore, Jeff Davis County Extension Coordinator
- David Jones, Extension Entomologist Tobacco - Retired

12:15 pm - SPONSORED LUNCH -- **Aniston's Restaurant**, 1404 Baker Hwy W # C,
Douglas, GA 31533 (912) 383-0794

1:30 pm - Leave after lunch

Tuesday, June 14, 2011 (continued)

- 1:40 pm - Arrive Wayne McKinnon - Coffee County
(Tomato Spotted Wilt Virus – Treated vs. Non-Treated Plants)
- Eddie McGriff, County Extension Coordinator – Retired - Rehired
- Paul Bertrand, Extension Pathologist - Retired
- 2:40 am - Arrive David Hendley Plot - Berrien County
(Tomato Spotted Wilt Virus – Treated vs. Non-Treated Plants)
- Tim Flanders, County Extension Coordinator – Retired - Rehired
- Paul Bertrand, Extension Pathologist – Retired
- 3:15 am - Arrive Wayne Hendley Farm - Berrien County
(Budworm Control – Coragen Application Methods Trial)
- Tim Flanders, County Extension Coordinator – Retired - Rehired
- Paul Bertrand, Extension Pathologist – Retired
- 3:50 am - Arrive Brian Lanier Farm - Berrien County
(Released Varieties Demonstration)
- Tim Flanders, County Extension Coordinator – Retired – Rehired
- J. Michael Moore, Extension Agronomist – Tobacco
- 4:20 am - Arrive Paul Folsom/Miller Farm - Lanier County
(Regional Variety Farm Test)
- Elvin Andrews, County Extension Coordinator
- J. Michael Moore, Extension Agronomist – Tobacco
- 5:30 pm - Check-in Hampton Inn, Tifton, GA PH: (229)382-8800
(located off Exit 62 on I-75 and GA Hwy 82)
- 6:30 pm - Social - Hampton Inn, Tifton, GA
- 7:00 pm - Supper - Charles Seafood (Hwy 82 and Virginia Avenue)

Wednesday, June 15, 2011

- 7:45 am - Leave Hampton Inn parking lot.
- 8:00 am - Arrive Bowen Farm - UGA Tifton Campus
– Bowen Farm
- 8:10 am J. Michael Moore, Extension Agronomist - Tobacco
Tobacco Entomology Research Projects
- 8:30 am Lara Lee Hickman, Ag Research Coordinator
TSWV Management
- 8:45 am Rajagopalbabu Srinivasan, “Babu”, Pathologist
Thrips research in tobacco

Tuesday, June 14, 2011 (continued)

- 9:05 J. Michael Moore, Extension Agronomist - Tobacco
Sidedress Fertilizer Source Test,
Potash Source / Chloride Content Test
- 9:25 Steve LaHue
Actigard Application Timing for Controlling TSWV,
Regional Small Plot Variety Test,
Regional Farm Test,
Official Variety Test,
Regional Sucker Control Test
- 10:00 Alex Csinos, Pathologist
Tobacco Nematode Control
- 10:30 Depart Bowen Farm for Black Shank Farm
- 10:45 am Arrive Black Shank Farm – UGA Tifton Campus
Alex Csinos, Pathologist – Retired - Rehired
- 11:45 am - **SPONSORED LUNCH -**
Courtesy of the Georgia Tobacco Commission
- Tifton Campus Conference Center
(RDC Rd. off Hwy 41 at I-75, Exit 64)

Wednesday, June 15, 2011 (continued)

- 12:45 pm - Leave RDC
- 1:45 pm - Arrive Daemon & Roger Deas Farm - Hamilton County, FL
(Florida Tobacco Production)
- Keith Wynn, County Extension Agent
- 2:45 pm - Arrive Sidney & Jackson Lord Farm - Suwannee County, FL
(Florida Tobacco Production)
- Elena Torres, County Extension Agent
- 3:25 pm - Arrive Kenneth Dasber Farm - Suwannee County, FL
(Florida Tobacco Production)
- Elena Torres, County Extension Agent
- 4:30 pm - Arrive Roosevelt and Travis Dicks Farm - Columbia County, FL
(Released Varieties Demonstration)
- Bill Thomas, Columbia County Extension Agent - Retired

**THIS IS THE END OF
THE 2011 GEORGIA-FLORIDA TOBACCO TOUR.
HAVE A SAFE TRIP HOME !**

Learning for Life

Agriculture and Natural Resources * Family and Consumer Sciences * 4-H Youth
for Equal Opportunity / Innovative Action Initiatives



THE UNIVERSITY OF GEORGIA

COOPERATIVE EXTENSION

Colleges of Agricultural and Environmental Sciences & Family and Consumer Sciences

4604 Research Way, P.O. Box 758, Tifton, GA 31793 PH: 229-386-3006 FAX: 229-386-7308

DIRECTIONS FOR 2011 GEORGIA-FLORIDA TOBACCO TOUR

Monday, June 13, 2011

Mileage Directions (* - indicates traffic assistance needed)

To Social and Dinner at Mixon's Pond

*
10.2 Left out of Holiday Inn onto Hwy 82 West and through Waycross
Right into Mixon's Pond drive

Tuesday, June 14, 2011

Mileage Directions (* - indicates traffic assistance needed)

* Left out of Holiday Inn onto Hwy 82 West and bare right on
MEMORIAL DR/US-1 N/US-23 N/GA-4 N toward US-82/GA-520/
CORRIDOR Z/S GEORGIA PKWY.
Continue to follow MEMORIAL DR.
1.3 Turn RIGHT onto PLANT AVE/US-1 BR/US-84/GA-38.
Continue to follow US-84/GA-38.
9.4 Turn LEFT onto GA-121/GA-15/GORDON ST. in Blackshear
0.1 Turn LEFT onto GA-203/BLACKSHEAR HWY
0.4 Turn RIGHT onto GA-203/BLACKSHEAR HWY/HENDRY ST.
Start out going NORTHWEST on GA-203/BLACKSHEAR HWY
/HENDRY ST toward MARION ST.
3.3 Bear LEFT at Jot'em Down Store
Continue to follow BLACKSHEAR HWY.
5.2 Turn RIGHT to stay on BLACKSHEAR HWY at stop sign.
1.9 Turn LEFT onto MILLBRANCH RD.
1.8 Right on Daniel Road

0.8 **Daniel Johnson Tobacco Field N 31° 25'07.49" W 82° 22'25.32"**

Continue on Daniel Rd.
Right on Smart Road
Left on BLACKSHEAR HWY
1.4 BLACKSHEAR HWY becomes RADIO STATION RD.

Tuesday, June 14, 2011 (continued)

Mileage Directions (* - indicates traffic assistance needed)

1.8	Turn RIGHT onto TEN MILE CHURCH RD.
3.1	Turn LEFT onto GA-203.
3.9	Turn SLIGHT LEFT onto GA-203/GA-32.
0.2	Turn RIGHT onto GA-203/SCUFFLETOWN HWY
0.1	Turn LEFT onto GA-203.
11.5	Turn LEFT onto GA-121/GA-203.
0.3	Turn RIGHT onto GA-203.
5.9	Turn RIGHT onto NINE RUN RD.
5.0	Franklin Burch Office, 3163 NINE RUN RD is on the RIGHT
0.9	Right on Stanfield Road
1.4	Franklin Burch Released Varieties Demonstration N 30 30'12.01" W 82 03'38.57"
	Continue forward on Stanfield Road
0.15	Right on Sandy Hill Rd.
1.15	Right on Rook Rd.
0.15	Left onto Nine Run Rd.
4.9	Left onto GA-203 at Kville
0.3	Right onto GA-121/GA-203
1.20	Right onto GA-15 Blackshear Hwy.
14.5	Right on So. Main Street in Baxley
0.35	Left on Tollison Street (County Farm Road) at Flash Foods
11.25	Right on County Farm Road Extension
1.63	Left onto Zoar Road
1.45	Cross Alma Hwy (23) onto Ira Graham / Bridgeford Church Rd.
3.25	Cross Bridgeford Church Rd. at church
1.5	Right at Bell Telephone Rd
2.25	Pass Rebel Auction
3.15	Right on Henderson Rd
0.3	Right on Eugene Lewis Rd (Co. Rd. 143)
0.3	Right into Kenneth Williams Budworm Control Demonstration N 31° 49.257 W 82° 36.574
	Left out of demonstration onto Eugene Lewis Rd
0.15	Left onto Henderson Rd (Co. Rd. 143)
0.35	Left onto Bell Telephone Rd.

Tuesday, June 14, 2011 (continued)

Mileage Directions (* - indicates traffic assistance needed)

3.15	Right onto Elizabeth Church Rd (at Rebel Auction)
3.00	Left onto GA-135
4.00	Right onto GA-107
3.75	Cross Hwy 268 at Snipesville. Continue on GA-107
2.90	Left onto W.H. Smith Rd.
3.00	Right onto Mt. Pleasant Church Rd
1.20	Jerry Wooten Budworm Control Demonstration on Left N 31° 42.45 W 82° 49.18.74
	Continue on Mt. Pleasant Church Rd / Brooks Rd.
3.00	Left onto Old River Rd
4.75	Right onto GA-268 toward Broxton
1.25	Left onto GA-441/31 Alabama St. in Broxton toward Douglas
6.70	Right at GA 206 Connector
2.00	Left onto Bowens Mill Rd
2.00	Cross GA 32 Ocilla Hwy
1.15	Left onto W. Baker Hwy at the WalMart Distribution Center
0.20	Right into shopping center,
	Sponsored Lunch - Anniston's Restaurant located in back. 1404 Baker Hwy W # C, Douglas, GA 31533-2110, (912) 383-0794
	Left onto W. Baker Hwy
0.20	Left onto Bowens Mill Rd
1.60	Right onto S. Peterson Ave./441/31
1.60	Right onto Woody McKinnon Rd.
0.25	Around to the right for the
	Wayne McKinnon Farm - TSWV Benchmark Demonstration N 31° 27'55.45 W 82° 51'17.26"
	Return to S. Peterson Ave./441/31
0.25	Right onto 441/31
0.70	Right on Harvey Vickers Rd.
2.40	Left on Willacoochee Hwy 135
12.75	Right on Hwy 82 at Willachoochee
0.75	Left onto Hwy 135
4.60	Left onto Co. Rd 161

Tuesday, June 14, 2011 (continued)

Mileage Directions (* - indicates traffic assistance needed)

0.75 Right on Bannockburn Rd.
0.13 Left onto Lacy Gaskin Rd

0.5 David Hendley Farm – TSWV Benchmark Demonstration
N 31° 16'35.5" W 83° 3'14.5"

Right out of field
0.5 Right onto Bannockburn Rd.
0.13 Left onto Co. Rd 161
0.75 Left onto Hwy 135
2.80 Left onto Riverside Rd at Hwy 76
0.80 Right onto Rev. A.H. Hendley Rd
0.20 Left onto Clifton Hendley Ln.
Continue past Hendley home into far end of field

0.50 Wayne Hendley Farm - Tobacco Budworm Control Demonstration
N 31° 14'03.24" W 83° 4'03.7"

Return to Rev. A.H. Hendley Rd.
0.50 Left onto Riverside Rd.
0.20 Left onto Hwy 135
6.80 Right onto GA 64, (Sam Watson Hwy)
2.60 Right onto Empire Rd
0.80 Right onto Irene Church Rd./ Avera Cemetery Rd
1.60 Left at curing barns to field and left across field

Brian Lanier Farm – Released Varieties Demonstration
N 31° 09'14.44" W 83° 08'16.18"

Left out of field onto W.K. Gaskins Rd
0.10 Right onto Avera Cemetery Rd/Irene Church Rd
1.60 Right onto Empire Rd
1.20 Left onto Teeterville Hwy
1.40 Cross Hwy 64/Sam Watson Hwy at Teeterville
4.10 Left into farm road at UGA Tobacco Demonstration Sign
0.75 Left into field before reaching barns.

Tuesday, June 14, 2011 (continued)

Mileage Directions (* - indicates traffic assistance needed)

Miller Farms – Paul Folsom – Regional Variety Farm Test
N 31° 04'48.40" W 83° 05'48.84"

Return to Teeterville Hwy
0.75 Right on Teeterville Hwy.
4.10 Cross 64 at Teeterville
6.00 Left onto 168
4.00 Right at light in Nashville onto 129/11
0.10 Left on W. Marion Ave. / 125
0.10 Right onto Tifton Hwy / 125
23.00 Left onto Southwell Blvd at Tifton Industrial Park
1.35 Cross Hwy 41 at Love's Truck Stop
0.10 Right onto I-75 N
2.50 Right onto Exit 61, Hampton Inn on Right.
Right at light Hwy 82, Right at light Hwy 319, Right into Hampton Inn.

Dinner at Charles Seafood. 7:00 pm
Left out of Hampton Inn, Right onto Hwy 82, One light and on the left.

Wednesday, June 15, 2011

Mileage Directions (* - indicates traffic assistance needed)

Exit Hampton Inn onto Hwy 319
Right onto Hwy 82 E
Virginia Avenue
0.1 Magnolia Avenue
0.6 Ridge Avenue
0.2 Central Avenue
Cross RR
0.1 Commerce Avenue
0.2 Main Street
0.1 Tift Avenue
1.3 Left onto Hwy 319 N toward Ocilla(across from Dixie Station)
3.0 Right Goat Rd before Mile Marker 16 at UGA Tobacco Plot Sign
1.5 Left into Bowen Farm Drive.

Wednesday, June 15, 2011 (continued)

Mileage Directions (* - indicates traffic assistance needed)

**UGA Tifton Campus Bowen Farm, 133 Goat Rd, Tifton, GA
N 31° 28' 41.1" W 83° 26' 26.4"**

- 0.66 Right out of Bowen Farm
- Left onto Hwy 319
- 1.0 Right onto Arnett Milling Rd
- 0.6 Cross at stop sign at new River Church Rd onto Kent Rd.
- 1.0 Left at traffic light onto Old Ocilla Rd
- 0.2 Right at traffic light onto 20th Street
- 0.9 Cross at light at Hwy 125/Tift Ave
- 0.5 Through light at Murray Ave
- 0.4 Right at traffic light onto Hwy 41
- 1.4 Left onto Zion Hope Road
- 1.4 Right onto Carpenter Road
- 0.6 Left into Black Shank Farm

**University of Georgia Tifton Campus - Black Shank Farm
N 31° 30' 06.23" W 83° 32' 36.44"**

- 0.6 Right out of Black Shank Farm
- Left onto Zion Hope Farm
- 1.4 Right at stop sign onto Hwy 41
- 0.8 Right onto RDC Road
- 0.2 Left into University of Georgia Tifton Campus Conference Center

Sponsored Lunch-Compliments of The Georgia Tobacco Commission
Tifton Campus Conference Center, Tifton

- * After lunch Right out of RDC drive
- 0.2 * Right onto RDC Road
- 0.2 * Right onto Hwy 41
- 0.2 * Right onto I-75 S

- 68.0 Right on St Rd 143 in Jennings at first exit in FL
- 3.0 Cross through at caution light at CR 152
- 2.6 * Left onto CR 146
- 1.0 Right at stop sign on CR 146
- 1.0 Meet Deas Brothers

Wednesday, June 15, 2011 (continued)

Mileage Directions (* - indicates traffic assistance needed)

Deas Brothers Farm, Hamilton County, Florida
N 30° 33' 03.06" W 83° 10' 22.14"

- Right on State Hwy 146 from field.
- 4.25 Cross CR 141
- 3.0 Left onto FL 6 at stop sign when State Hwy 146 ends at the S & S
- Right onto I-75 S
- 9.0 Take Exit 451 (FL 51) toward Live Oak
- 11.5 Down Main Street, Live Oak, Right on 51
- 0.5 Around traffic circle and follow 51
- 11.5 Left onto farm road

Sidney & Jackson Lord Farm
N 30° 13' 00.15" W 83° 04' 50.90"

- Left out of farm on 51
- 0.6 Left onto 165th Rd
- 2.5 Left onto CR 252
- 1.5 Cross 349
- 5.0 Right on CR 252
- 1.2 Left on CR 252
- 2.4 Left into farm after cemetery

Kenneth & Kevin Dasher Farm
N 30° 09' 34.12" W 82° 55' 43.17"

- Left onto CR 252
- 2.2 Cross 49
- 3.9 Right on CR 137
- 7.2 Left on CR 216th Street / CR 240
- 1.7 Cross 247 (flashing light)
- 5.8 Cross SR 47
- 3.5 Right on Tustenuggee Ave. (CR 131)
- 6.5 Left into Dicks Farm

Roosevelt & Travis Dicks Farm - Released Varieties Demonstration
N 29° 58' 41.79" W 82° 38' 35.11"
5821 SW Tustenuggee Ave, Lake City, FL,

**THIS IS THE END OF
THE 2011 GEORGIA-FLORIDA TOBACCO TOUR
HAVE A SAFE TRIP HOME !**

Learning for Life
Agriculture and Natural Resources * Family and Consumer Sciences * 4-H Youth
An Equal Opportunity /Affirmative Action Institution

2011 UNIVERSITY OF GEORGIA
COOPERATIVE EXTENSION
TOBACCO ON-FARM DEMONSTRATIONS

Title of Demonstration: RELEASED VARIETY TEST 30 30'12.01"N, 82 03'38.57"W
W.C. Long Farm on Stanfield Rd.

Farmer Name/Address: FRANKLIN BURCH County: Wayne
3163 Nine Run Road, Screven, GA 31560-8946 912 294-0273

Extension Specialist Responsible: J. MICHAEL MOORE

Extension Agent Responsible: MARK FRYE

Plot Size: 2 (48") ROWS X 1050'

Variety: AS PER PLOT Soil Type: SL Date Transplanted: (4/21/11)

Crop History: 2009: 2010: Cotton

Herbicide/Rate: PPI; PROWL 3.3: 1 qt / acre

At transplant: Coragen 7 oz/acre Post Plant;

Fungicides/Rate: Ridomil Gold 2 pt/A Nematicides/Rate: Telone II 7.5 gal/A
Quadris 9 oz/A

Soil Insecticide/Rate: Admire Pro: 0.8 oz/1000 plants + Actigard; 1 oz/100,000 plants in GH

Foliar Insecticide/Rate: Calcium 1 gal/A
Tracer 2 oz/A
Belt 3 oz/A

Date: pre-trsp Fertility Program: 12-0-12 125-225 LBS/A precision spread

Fertility Program: 11-37-0 14.2 gal/A + minor element

Date: sidedress Fertility Program: 9-0-19 460 LBS/A

Date: sidedress Fertility Program: 4-0-22 400-500 LB/A precision spread

Total

Rainfall: March; April; May; June; July; August;

0.6' prior to transplanting
0.75" after transplanting

Irrigation: 1 ", 1 ", 0.5"

Topping: Date; Average No. Leaves Per Plant;

Sucker Control:

Material; Rate/Acre; Date;

Material; Rate/Acre; Date;

Table 1. Varieties, Pedigree, Sponsor and Disease Resistance of the 2011 Released Variety Test (commercially available varieties), Franklin Burch Farm, Wayne County, GA.

Trt No	VARIETY	PEDIGREE	SPONSOR	Disease Resistance					
				BS	GW	FW	RK	BSp	Virus
1.	NC 92 Admire	F1 Hybrid	F. W. Rickard	R	R		TCN/ R		
2.	CC 65 Admire	F1 Hybrid	Cross Creek Seed Co.	R	R		M,j/R		
3.	GF 318 Admire	F1 Hybrid	Gwynn Farms	R	R		R		TMV
4.	GL 338 Admire	F1 Hybrid	Gold Leaf Seed Co	R	R				
5.	GL 395 Admire	F1 Hybrid	Gold Leaf Seed Co	R	R		R		
6.	PVH 2110 Act/Adm	F1 Hybrid	F. W. Rickard	L	M		R		
7.	NC 71 Actigard	F1 Hybrid	F. W. Rickard	H	R		R		
8.	NC 196 Act/Adm	F1 Hybrid	Gold Leaf Seed Co	R	L		R		
9.	PVH 1452 Act/Adm	F1 Hybrid	F. W. Rickard	R	R		TCN/ R		
10.	NC 72 Admire	F1 Hybrid	Gold Leaf Seed Co	H	L		R		
11.	NC 72 Act/Adm	F1 Hybrid	Gold Leaf Seed Co	H	L		R		

2011

Evaluation of Coragen

in the Transplant Water and Directed Spray After Transplanting
For Early Season Insect Control in Flue-Cured Tobacco

Kenneth Williams Farm
Jeff Davis County

Trt.	Chemical	Rate/A	Method	Timing	Date Applied
1.	Coragen SC 1.67	5oz	TPW	TRSP	4/19/11
2.	Coragen SC 1.67	7oz	TPW	TRSP	4/19/11
3.	Coragen SC 1.67	5oz	DS	TRSP + 2 DAT	4/21/11
4.	Coragen SC 1.67	5oz	DS	1 ST PLOWING (7 DAT)	5/3/11
5.	Coragen SC 1.67	5oz	DS	2 ND PLOWING (14 DAT)	5/11/11
6.	Coragen SC 1.67	5oz	DS	3 RD PLOWING (21 DAT)	5/17/11
7.	Coragen SC 1.67	7oz	DS	TRSP + 2 DAT	4/21/11
8.	Coragen SC 1.67	7oz	DS	1 ST PLOWING (7 DAT)	5/3/11
9.	Coragen SC 1.67	7oz	DS	2 ND PLOWING (14 DAT)	5/11/11
10.	Coragen SC 1.67	7oz	DS	3 RD PLOWING (21 DAT)	5/17/11
11.	Untreated	--	--	--	--

Transplant Water (TPW), Directed Spray to soil surface at base of plants after transplanting (DS)

Plots: Four (4) rows. Approximately 7,600 plants per acre. Randomized complete block design with 4 replications per treatment. Transplant water applied at the rate of approximately 150 gallons per acre.

Application: Telone II (10 gals/A) was applied to the plots.

Admire Pro & Actigard 50WG applied in the greenhouse on April 14, 2011.

Apply transplant water treatments at transplanting.

Apply directed spray to base of plants following transplanting

Make foliar applications based on 10% threshold for budworms.

Variety: Tobacco cultivar ___ seeded January 20, 2011 transplanted April 19, 2011.

**EVALUATION OF CORAGEN
IN THE TRANSPLANT WATER AND DIRECTED SPRAY AFTER TRANSPLANTING
FOR EARLY SEASON INSECT CONTROL IN FLUE-CURED TOBACCO**

KENNETH WILLIAMS FARM – JEFF DAVIS COUNTY, GA – 2011

N 31° 49.257
W 82° 36.574

Treatments:	1	2	11	11	11	2	8	4	1	5	1	9	2	11	11	2	1
Plot is full row length			6	10			9	5		3		7		7	3		
			5	9			7	3		11		11		10	6		
			4	8			11	11		6		10		8	4		
Plots →	101	102	103	104	201	202	203	204	301	302	303	304	401	402	403	404	

Rainfall: 0.5" 4/21/11
 0.75 5/14/11

Table 1. Evaluation of Coragen Insecticide Applied in the Transplant Water and Applied as a Directed Spray after Transplanting for Early Season Insect Control in Flue-Cured Tobacco Kenneth Williams Farm – Jeff Davis County, GA – 2011

Treatment Number	Treatment (Application)	Rate/A	Total Percent Damage – May 20		
			Tobacco Budworm ¹	Cutworm ¹	Tobacco Hornworm ¹
1	Coragen 1.67 SC (TPW – April 19)	5 ozs.	0	0	0
2	Coragen 1.67 SC (TPW – April 19)	7 ozs.	0	0	0
3	Coragen 1.67 SC (DS - 2 days after transplant – April 21)	5 ozs.	0.4	0.3	1.0
7	Coragen 1.67 SC (DS - 2 days after transplant – April 21)	7 ozs.	0.6	0	0.4
4	Coragen 1.67 SC (DS – 1 st plowing - May 2)	5 ozs.	0.5	0.3	1.4
8	Coragen 1.67 SC (DS – 1 st plowing - May 2)	7 ozs.	0	0.1	0.8
11	Untreated	-	2.5	1.5	11.7

¹Evaluated all plants in each plot on May 13 and 20.

**Table 2. Evaluation of Coragen Insecticide Applied in the Transplant Water and Applied as a Directed Spray for Tobacco Budworm Control in Flue-Cured Tobacco
Kenneth Williams Farm – Jeff Davis County, GA – 2011**

Treatment Number	Treatment (Application)	Rate/A	Percent Infestation		Percent Tobacco Budworm	
			(5/27 - 5/29) ¹	(6/4-6/5) ²	(5/27 -5/29) ¹	(6/4-6/5) ²
1	Coragen 1.67 SC (TPW – April 19)	5 ozs.	5.6	60.6	2.7	52.5
2	Coragen 1.67 SC (TPW – April 19)	7 ozs.	5.5	50	4.0	43.8
3	Coragen 1.67 SC (DS - 2 days after transplant - April 21)	5 ozs.	6.8	6.0	4.3	51.3
7	Coragen 1.67 SC (DS - 2 days after transplant - April 21)	7 ozs.	7.3	62.5	4.4	51.9
4	Coragen 1.67 SC (DS – 1 st plowing - May 2)	5 ozs.	5.4	64.4	3.3	56.3
8	Coragen 1.67 SC (DS – 1 st plowing – May 2)	7 ozs.	7.5	61.3	4.9	48.8
5	Coragen 1.67 SC (DS – 2 nd plowing - May 11)	5 ozs.	2.3	47.5	1.2	40.6
9	Coragen 1.67 SC (DS – 2 nd plowing – May 11)	7 ozs.	2.9	58.1	2.3	50.0
6	Coragen 1.67 SC (DS – 3 rd plowing – May 17)	5 ozs.	3.1	53.1	1.6	48.8
10	Coragen 1.67 SC (DS – 3 rd plowing – May 17)	7 ozs.	6.2	33.1	1.8	25.0
11	Untreated		16.3	-	9.5	-

¹Evaluated all plants in each plot on May 27 - 29.

²Evaluated 40 plants in each plot on June 4 - 5.

2011
 Evaluation of Coragen, Belt and Tracer
 For Worm Control in Flue-Cured Tobacco
 Jerry Wooten Farm
 Jeff Davis County

Treatment and amount of product per acre

1.	Coragen SC 1.67	5oz	TPW
2.	Coragen SC 1.67	7oz	TPW
3.	Coragen SC 1.67	5oz	DS
4.	Coragen SC 1.67	7oz	DS
5.	Tracer 2 SC	3oz	F
6.	Coragen SC 1.67	5oz	F
7.	Belt 4 SC	2oz	F
8.	Denim EC 0.16	10 oz	F

Transplant Water(TPW), Directed Spray after transplanting(DS) and Foliar Spray(F) treatments

Plots: Four (4) rows by 100 feet long. 46" rows
 Approximately 266 plants per plot.
 Approximately 7,600 plants per acre.
 Randomized complete block design with 4 replications per treatment.
 Alleys 20 feet wide.
 Transplant water applied at the rate of approximately 150 gallons per acre.

Application: Telone II (6.5 gals/A) was applied in beds for the plots. April 9, 2011.
 Admire Pro & Actigard 50WG applied in the greenhouse on April --, 2011.
 Apply transplant water treatments at transplanting.
 Apply directed spray to base of plants following transplanting
 Make foliar applications based on 10% threshold for budworms.

Variety: Tobacco cultivar NC 71 seeded January --, 2011 transplanted April 19, 2011.

Foliar Sprays: June 30 gpa, 50 psi, 4th gear, 1500 rpm,

**EVALUATION OF CORAGEN, BELT TRACER AND DENIM FOR WORM CONTROL
IN FLUE-CURED TOBACCO
JERRY WOOTEN FARM – JEFF DAVIS COUNTY, GA – 2011**

Experimental Design:

20' alley								
Treatments: 100' plot	4	3	7	6	1	8	5	2
Plots →	401	402	403	404	405	406	407	408
20' alley								
Treatments: 100' plot	8	5	3	1	4	2	6	7
Plots →	301	302	303	304	305	306	307	308
20' alley								
Treatments: 100' plot	5	8	2	7	3	6	1	4
Plots →	201	202	203	204	205	206	207	208
20' alley								
Treatments: 100' plot	1	2	3	4	5	6	7	8
Plots →	101	102	103	104	105	106	107	108

**Table 1. Evaluation of Coragen Insecticide Applied in the Transplant Water and Applied as a Directed Spray at Transplanting for Early Season Insect Control in Flue-Cured Tobacco
Jerry Wooten Farm – Jeff Davis County, GA – 2011**

Treatment Number	Treatment (Application)	Rate/A	Total Percent Damage – May 19		
			Tobacco Budworm ¹	Cutworm ¹	Tobacco Hornworm ¹
1	Coragen 1.67 SC (TPW – April 19)	5 ozs.	0	0	0
2	Coragen 1.67 SC (TPW – April 19)	7 ozs.	0	0	0
3	Coragen 1.67 SC (DS - April 19)	5 ozs.	0.4	2.3	2.4
4	Coragen 1.67 SC (DS - April 19)	7 ozs.	0.4	1.5	1.0
8	Untreated	-	0.9	4.3	2.2

¹Evaluated all plants in each plot on May 12 and 19.

**Table 2. Evaluation of Coragen Insecticide Applied in the Transplant Water and Applied as a Directed Spray at Transplanting for Tobacco Budworm Control in Flue-Cured Tobacco
Jerry Wooten Farm – Jeff Davis County, GA – 2011**

Treatment Number	Treatment (Application)	Rate/A	Percent Infestation		Percent Tobacco Budworm	
			(5/31-6/1) ¹	(6/7) ²	(5/31-6/1) ¹	(6/7) ²
1	Coragen 1.67 SC (TPW – April 19)	5 ozs.	7.4	15.0	6.5	13.1
2	Coragen 1.67 SC (TPW – April 19)	7 ozs.	6.3	13.8	4.9	12.5
3	Coragen 1.67 SC (DS - April 19)	5 ozs.	10.2	23.8	7.2	20.6
4	Coragen 1.67 SC (DS - April 19)	7 ozs.	9.6	23.1	7.0	19.4
8	Untreated	-	16.4	26.3	12.8	23.1

¹Evaluated all plants in each plot on May 31 and June 1.

²Evaluated 40 plants in each plot on June 6 and 7.

Table 3. Comparing Foliar Insecticides for Control of Tobacco Budworm in Flue-Cured Tobacco - Jerry Wooten Farm - Jeff Davis County, Georgia - June 3, 2011

Treatment Number	Tobacco Budworm Trial		Average % Control ¹	
	Treatment ²	Rate/Acre	4 DAT (June 7)	6 DAT (June 9)
5	Tracer 4 SC	2 ozs.	65.6	75.6
6	Coragen 1.67 SC	5 ozs.	61.3	75.0
7	Belt 4 SC	3 ozs.	65.0	78.1
8	Denim 1.6 EC	10 ozs.	66.9	79.3

¹Flagged 40 plants with live tobacco budworms in each plot on June 2-3 and evaluated the percent live tobacco budworms 4 and 6 days after treatment.

²Sprayed all plots using a tractor-mounted sprayer with a 3 nozzle arrangement (3 TX-18 hollow cone nozzles) over the row, applying 30 gallons of spray volume at 50 pounds of pressure per acre.

NOTE: Field conditions very dry even though irrigated on the night of June 2 and the morning of June 3. Air temperatures in the 90+ degrees Fahrenheit all week. Tobacco buds very tight.

PREDICTING SPOTTED WILT

Wayne McKinnon Farm stop – Coffee Co. & David Hendley Farm stop – Berrien Co.

Eddie McGriff, County Extension Coordinator Tim Flanders, County Extension Coordinator

Paul Bertrand, Pathologist – Retired

Four reps of untreated plants are being grown at several locations in Georgia. Spotted wilt incidence data collected in these plots is compared to two dozen environmental parameters. Between 1999 and 2010 it was found that 60-70% of the annual variation in spotted wilt could be accounted for by annual variation in January heat unit accumulation. Heat units are tabulated as degree days with a 51°F baseline. This temp is believed to be the activity threshold for thrips vectors of *Tomato Spotted wilt virus*. Degree days are calculated as follows: Degree Days = (DAILY MEAN TEMP) - 51°F. Only positive degree days are considered.

MONITORING EFFECT OF CHEMICAL TREATMENTS

While evaluating the spotted wilt incidence in untreated plants, the incidence is also evaluated in an equal number of reps of treated plants. This provides data to keep a record of the effect of the chemical treatments used to manage spotted wilt.

A sample of 2011 data is shown in Table 1.

Table 1. The incidence of spotted wilt in treated and untreated plants at several locations in 2011.

Grower	County	Transplant Date	% TSWV at 6 Weeks	
			TRT	CK
A. P.	Colquitt	04	1.1	3.3
<u>D. H.</u>	<u>Berrien</u>	<u>05</u>	<u>2.0</u>	<u>13.1</u>
D. S.	Coffee	06	1.5	5.0
R. S.	Irwin	06	1.0	4.3
J. A.	Coffee	07	1.7	9.6
B. G.	Ben Hill	07	2.0	5.2
P. F.	Lanier	08	2.9	4.2
T. A.	Coffee	12	10.4	18.6
B. F.	Tift	12	3.7	8.6
<u>W. M.</u>	<u>Coffee</u>	<u>13</u>	<u>3.9</u>	<u>17.3</u>
T. H.	Berrien	14	0.5	4.8
C. R.	Coffee	19	8.0	39.2
N. H.	Coffee	20	7.9	25.0
K. W.	Jeff Davis	22	1.4	15.4

2011 Coragen Application Timing Demonstration
 Berrien County
 Wayne Hendley Farm
 229 686 4124

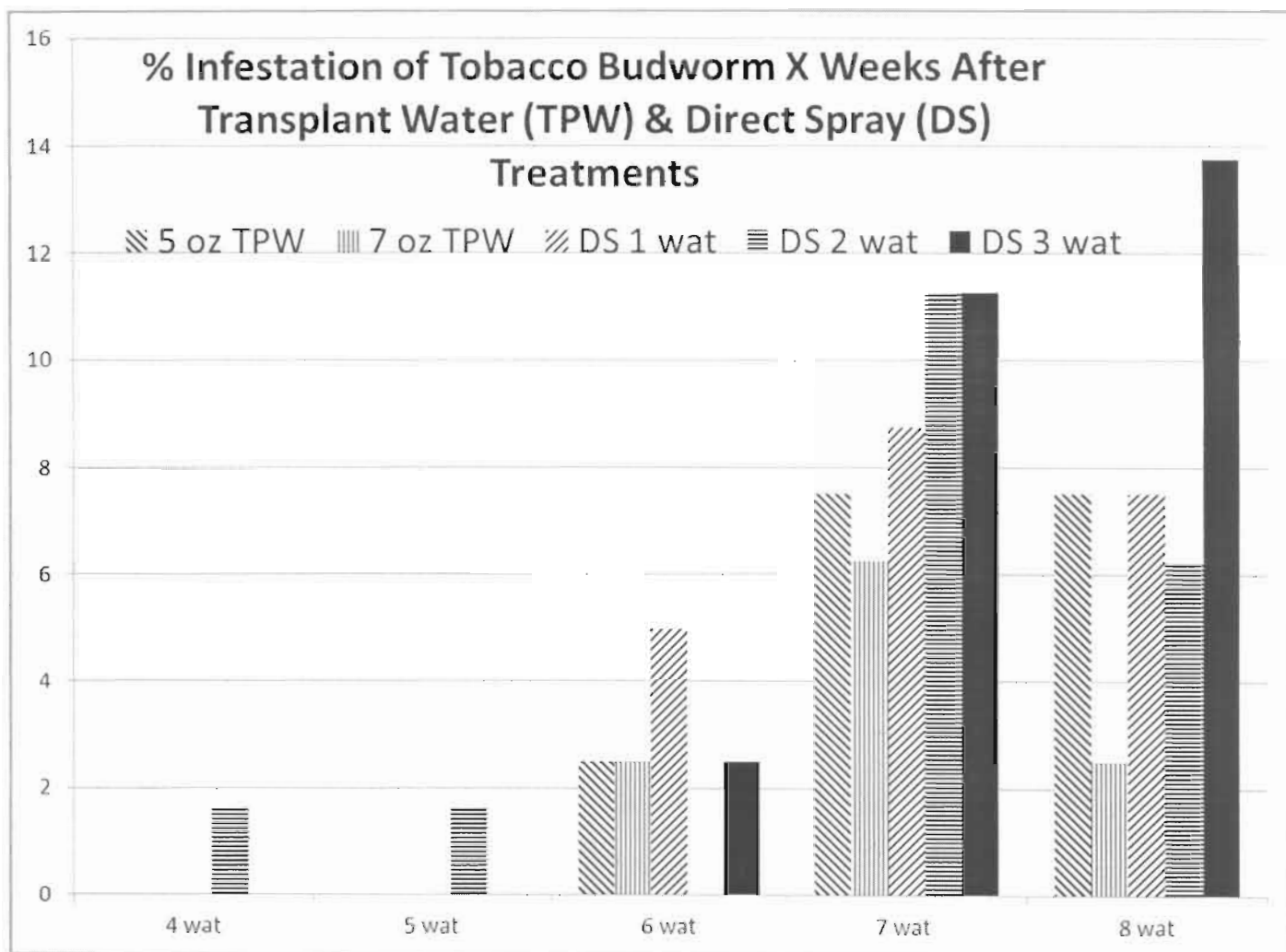
N 31° 14' 13.4"
 W 83° 3' 55.6"

	Grower tobacco, 5 oz Coragen, 16 oz Ridomil Gold		
101	TPW 5 oz Coragen		
	104 DS 1 st plowing (2 wat)	105 DS 2 nd plowing (3 wat)	103 DS after transplanting (1wat)
102	TPW 7 oz Coragen		
	203 DS after transplanting (1wat)	204 DS 1st plowing (2 wat)	205 DS 2nd plowing (3 wat)
201	TPW 5 oz Coragen		
202	TPW 7 oz Coragen		
	Grower tobacco, 5 oz Coragen, 16 oz Ridomil Gold		

<u>Trt no.</u>	<u>Description</u>	<u>Date</u>
1	5 oz Coragen TPW	April 14, 2011
2	7 oz Coragen TPW	April 14, 2011
3	7 oz Coragen DS 1 wk after trsp	April 21, 2011
4	7 oz Coragen DS 1st plowing	April 27, 2011
5	7 oz Coragen DS 2nd plowing	May 5, 2011

TPW - 172 gallons per acre

DS = Direct Spray = 100 gal/A. streamed over center of row/plants.



2011
UNIVERSITY OF GEORGIA / FLORIDA
COOPERATIVE EXTENSION
TOBACCO ON-FARM DEMONSTRATION

Title of Demonstration: RELEASED VARIETY TEST

Farmer Name/Address: BRIAN LANIER, 50 Lanier Lane, Nashville, GA 31639-8067
229 356 0710

Extension Specialist Responsible: J. MICHAEL MOORE

Extension Agent Responsible: TIM FLANDERS; 229 445 5962

Plot Size: 4 (46") ROWS X 635'

Variety: AS PER PLOT Soil Type: SL Date Transplanted: 4/13/2011

Crop History: 2009: 2010: cotton

Herbicide/Rate: _____

Fungicides/Rate: _____ Nematicides/Rate: _____

Soil Insecticide/Rate: _____

Foliar Insecticide/Rate:

Fertility Program:

March

April

May

June

July

August

Rainfall: _____

Irrigation: _____

Topping: Date: _____

Average No. Leaves Per Plant: _____

Sucker Control:

Material: _____ Rate/Acre: _____ Date: _____

Material: _____ Rate/Acre: _____ Date: _____

Material: _____ Rate/Acre: _____ Date: _____

Table 1. Variety, Pedigree, Sponsor and Disease Resistance of the 2011 Released Variety Test (commercially available varieties), Brian Lanier Farm, Berrien County, Georgia. N 31° 30' 4.4" W 83° 31' 11.1"

Trt No	VARIETY	PEDIGREE	SPONSOR	Disease Resistance					
				BS	GW	FW	RK	BSp	Virus
1.	CC 27	F1 Hybrid	Cross Creek Seed	R	R		TCN /R		TMV
2.	CC 67	F1 Hybrid	Cross Creek Seed	R	R		TCN /R		TMV
3.	CC 700	F1 Hybrid	Cross Creek Seed	R	R		TCN /R		
4.	GL 338	F1 Hybrid	Gold Leaf Seed Co	R	R				
5.	GL 395	F1 Hybrid	Gold Leaf Seed Co	R	R		R		
6.	K 326	McNair 225(McNair 30 X NC 95)	Gold Leaf Seed Co	L	L		R		
7.	NC 71	F1 Hybrid	F.W. Rickard	H	R		R		
8.	NC 196	F1 Hybrid	Gold Leaf Seed Co	R	L		R		
9.	NC 299	F1 Hybrid	Cross Creek Seed	R	R		TCN /R		
10.	PVH 1452	F1 Hybrid	F.W. Rickard	R	R		TCN /R		
11.	Spt 227	(SP 151 X K 346) (SP 202 X K 346)	Speight Seed Farm	R	R		R		
12.	Spt 236	(SP 168 X SP 196) (SP 179 X SP 177)	Speight Seed Farm	R	R		R		

Table 6. Yield, Grade Index, Price Index, and Value per Acre of the 2011 Regional Farm Test (lines in their last year of testing before approval for release), Paul Folsom Farm, Lanier County, Georgia.

Trt	VARIETY	PEDIGREE	Disease Resistance					
			BS	GW	FW	RK	BSp	Virus
1.	NC 2326	(Hicks X 9102)(Hicks)Hicks)Hicks) NC	L	SU	M			
2.	NC 95	(C-139XBel.4-30)X(C-139XHicks) NC	L	H	M	R		
3.	K 326	McNair 225(McNair 30 X NC 95) GL	L	L		R		
4.	XP 254							
5.	CC 1063	F1 Hybrid Cross Creek	R	R		R		
6.	GLEX 328	F1 Hybrid Gold Leaf Seed Co						
7.	CU 136	F1 Hybrid Clemson University						
8.	GLEX 362	F1 Hybrid Gold Leaf Seed Co	R	R		R		PVY
9.	NCEX 34	F1 Hybrid NCSU	R	R		TCN /R		
10.	ULT 123	F1 Hybrid Universal Leaf Tobacco						TMV
11.	PXH 1	F1 Hybrid Profigen	R1	R				
12.	RJR 901	RJ Reynolds						
13.	NCTG 156	F1 Hybrid NCSU	R	R		TCN /R		
14.	GF 157	NC 82 X 2012 Gwynn Farms	R	R		R		
15.	NCEX 24	F1 Hybrid NCSU						
16.	ULT 143	F1 Hybrid Universal Leaf Tobacco						PVY

2011 Tobacco Entomology Test 1

Tray drench (TD) and transplant water insecticide (TPW)
treatments for early-season insect pest control

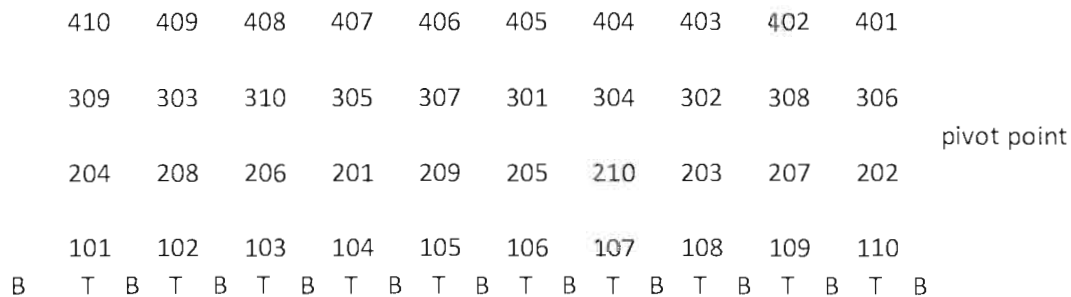
Treatment and amount of product per acre

1.	HGW86 20 SC	5.1 oz	TPW
2.	HGW86 20SC	6.75 oz	TPW
3.	HGW 86 20 SC	10.2 oz	TPW
4.	Coragen 1.67 SC	7oz	TPW
5.	HGW86 20 SC	0.73oz	TD (0.73 oz/1000 plants)
6.	HGW 86 20 SC	0.96oz	TD (0.96 oz/1000 plants)
7.	HGW 86 20 SC	1.5oz	TD (1.5 oz/1000 plants)
8.	Admire Pro	0.5oz	TD (0.5 oz/1000 plants)
9.	Admire Pro	0.5oz	TD (0.5 oz/1000 plants)
	Coragen SC 1.67	7oz	TPW
10.	Untreated	-----	

TD & TPW 1 - 10

T = treated row

B = shared border row



4 reps each treatment

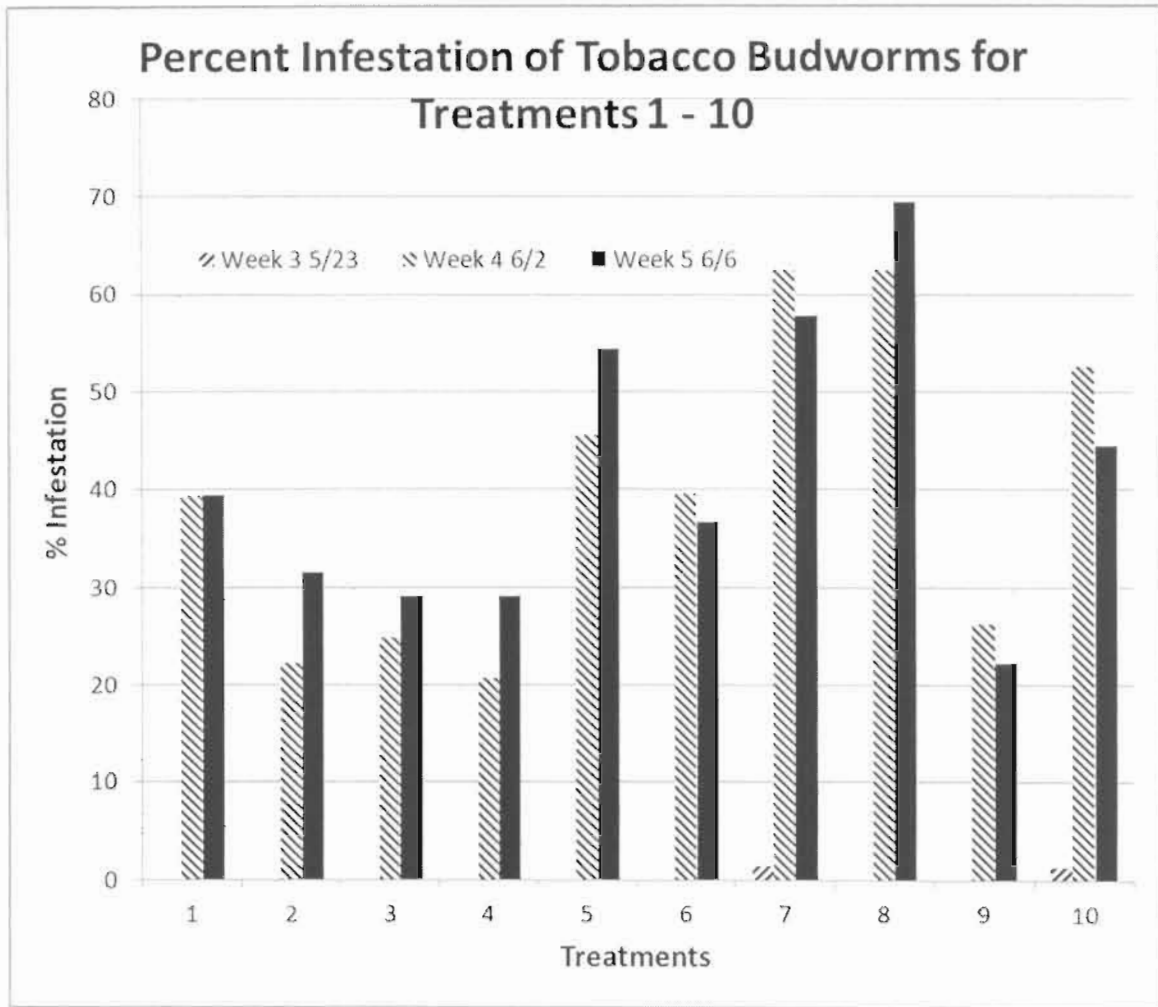
30' long with one plant over on each end

10' alleys

plot = one treated row with shared border on each side.

>>>> North >>>>

Transplant 4/21/11



Test 1. Percent of plants infested with TBW at weeks 3, 4 & 5 after transplanting.

2011 Tobacco Entomology Test 2

Foliar insecticide treatments for worm control

Treatment and amount of product per acre

11.	Coragen 1.67 SC	3.5 oz	F
12.	Coragen 1.67 SC	5.0 oz	F
13.	Belt 4 SC	2.0 oz	F
14.	Belt 4 SC	3.0 oz	F
15.	Tracer 2 SC	4.0 oz	F
16.	Brigade 2 EC	4.0 oz	F
17.	Denim EC 0.16	8.0 oz	F
18.	Dipel DF	16 oz	F
19.	Brigadier 2EC	5.0 oz	F
20.	Blackhawk	2.2 oz + 0.25% NIS	F

Foliar 11-20

T = treated row

B = shared border row

	420	419	418	417	416	415	414	413	412	411		
	319	313	320	315	317	311	314	312	318	316		
Pivot Point												
	214	218	216	211	219	215	220	213	217	212		
	111	112	113	114	115	116	117	118	119	120		
B	T	B	T	B	T	B	T	B	T	B	T	B

4 reps each treatment

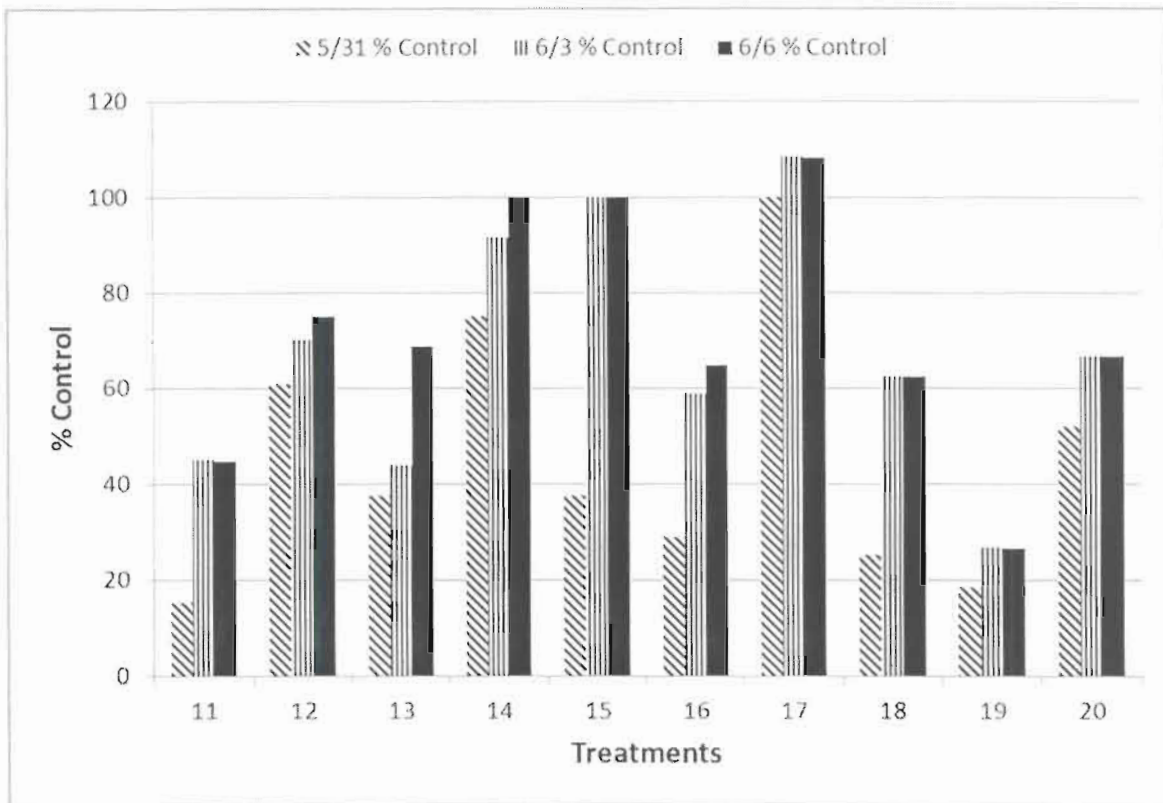
30' long with one plant over on each end

10' alleys

plot = one treated row with shared border on each side.

>>>> North >>>>

Foliar treatments applied 5/27/11, 3 X TX-18 nozzles, 6" nipples, 40 psi, 35 gpa



Test 2. Percent control TBW 4, 7, 10 DAT (Treatments 11-20)

2011 Tobacco Entomology Test 3
Tray Drench (TD) and Foliar Treatments (F)

Treatment and amount of product per acre

21.	Untreated	-----		
22.	Platinum 2 SC	38.4	ML PR/1000 PLANT	TD
	Besiege 1.25 ZC	7	FL OZ PR/A	F
23.	Platinum 2 SC	38.4	ML PR/1000 PLANT	TD
	Besiege 1.25 ZC	9	FL OZ PR/A	F
24.	Platinum 2 SC	38.4	ML PR/1000 PLANT	TD
	Denim 0.16 EC	10	FL OZ PR/A	F
25.	Admire Pro 4.6	16.7	ML PR/1000 PLANT	TD
	Coragen 1.67 SC	5.5	FL OZ PR/A	F
26.	Admire Pro 4.6	16.7	ML PR/1000 PLANT	TD
	Belt 4 SC	3.0	FL OZ PR/A	F

Syngenta Test

T = treated row

B = shared border row

```

126  125  124  123  122  121
      324  323  326  325  321  322
      223  224  221  226  222  225

121  122  123  124  125  126
B   T B T B T B T B T B T B

```

4 reps each treatment

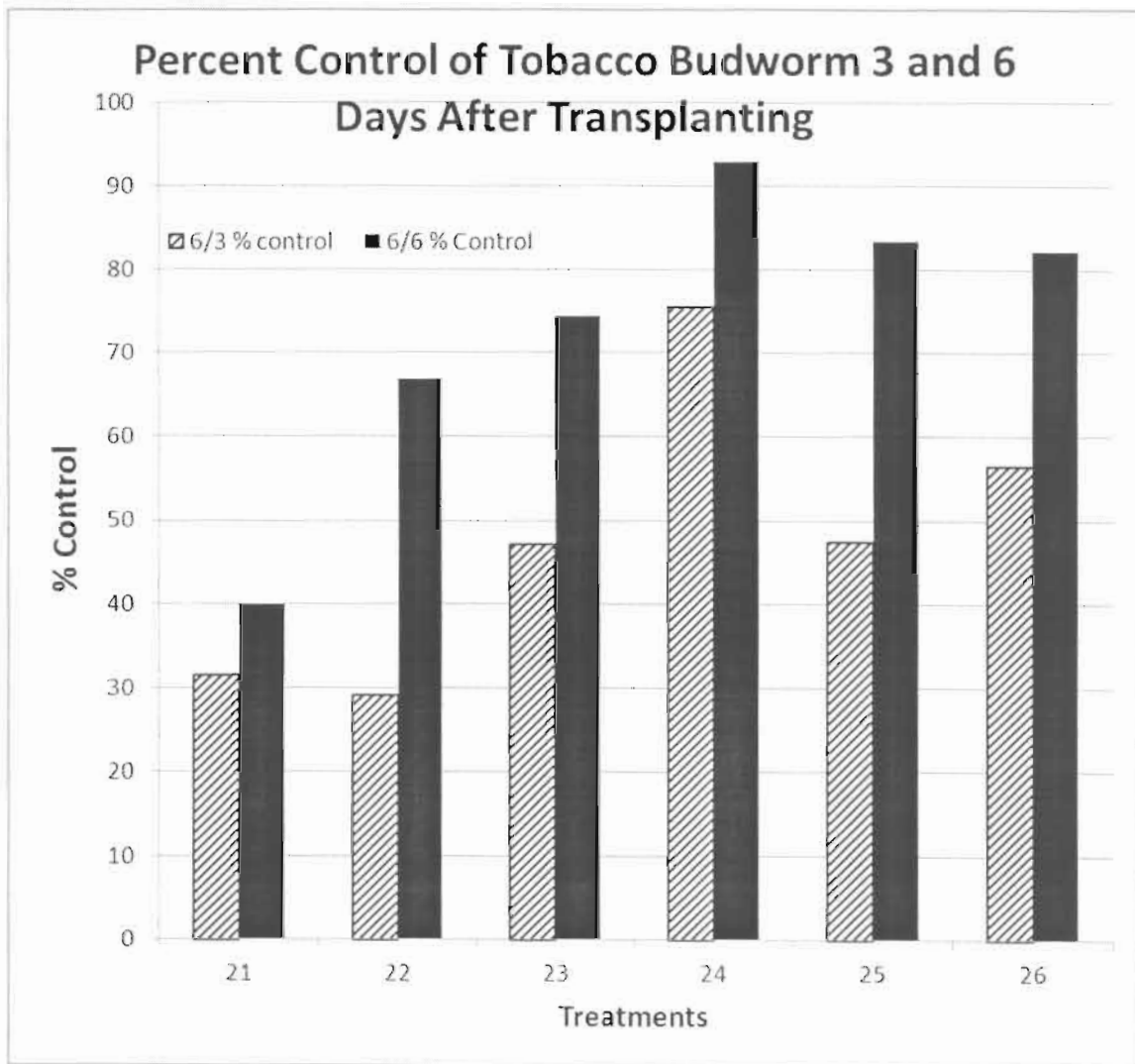
30' long with one plant over on each end

10' alleys

plot = one treated row with shared border on each side.

>>>> North >>>

Foliar treatments applied 5/31/11, 3 X TX-18 nozzles, 6" nipples, 40 psi, 35 gpa



Test 3. Percent control TBW 3, 6 DAT (Treatments 21-26)

2011 Tobacco Entomology Test 4 Tray Drench (TPW) and Direct Spray Treatments (DS)

Treatment and amount of product per acre

27.	Coragen SC 1.67	5oz	TPW
28.	Coragen SC 1.67	7oz	TPW
29.	Coragen SC 1.67	5oz	DS at TP (0 dat)
30.	Coragen SC 1.67	7oz	DS at TP (0 dat)
31.	Coragen SC 1.67	5oz	DS at 1st Plowing(7 dat)
32.	Coragen SC 1.67	7oz	DS at 1st Plowing(7 dat)
33.	Coragen SC 1.67	5oz	DS at 2nd Plowing(14 dat)
34.	Coragen SC 1.67	7oz	DS at 2nd Plowing(14 dat)
35.	Non-Treated Check		
36.	Non-Treated Check		

TPW & DS 27 - 36

T = treated row

B = shared border row

```

230 234 232 227 235 231 236 229 233 228 436 435 434 433 432 431 430 429 428 427
127 128 129 130 131 132 133 134 135 136 334 329 336 331 327 327 330 328 334 332
T  B T  B T  B T  B T  B T  B T  B B  T  B  T  B  T  B  T  B  T  B  T  B  T  B  T  B  T  B
B

```

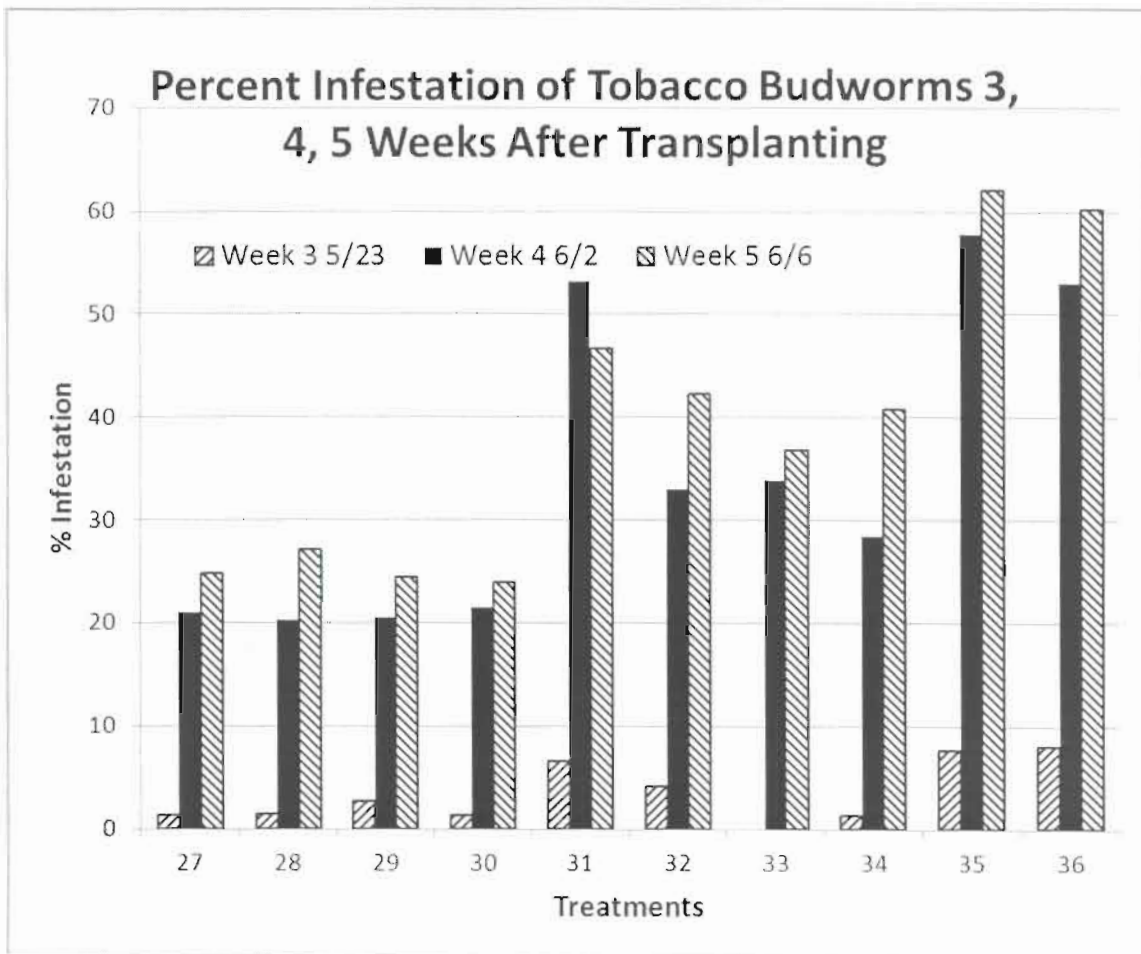
4 reps each treatment

30' long with one plant over on each end

plot = one treated row with shared border on each side.

pivot point

>>>> North >>>>



Test 4. Percent infestation by TBW 3, 4, 5 weeks after treatment (Treatments 27-36)



**2011 Planting Date, Float House and Field Application
of ASM for TSWV Management**

Trial Plot 1- Early Planting						Trial Plot 2- Mid Planting						Trial Plot 3- Late Planting					
503	506	501	502	504	505	503	504	502	505	501	506	504	506	503	502	505	501
405	402	403	404	406	401	405	401	406	403	404	402	403	401	405	404	402	406
301	303	305	306	302	304	306	303	304	302	305	301	302	303	304	301	306	305
202	205	204	201	203	206	204	202	205	201	206	203	201	205	206	203	204	202
104	101	106	103	105	102	101	106	103	104	102	105	106	104	102	105	101	103
Early Planting Date:						Mid Planting Date:						Late Planting Date:					

Plot size 32 feet long, w/ 10' alleys
Replications: five

Tobacco Variety: NC 71
Randomized Complete Block Design (RCBD)

Float House Treatment

Field Treatment applied at 1st Symptom (* Actigard Field Rate 0.5 oz/A)

- No treatment
- Admire Pro
- Admire Pro + Actigard
- None
- Admire Pro
- Admire Pro and Actigard

- No treatment
- No treatment
- No treatment
- Actigard + 1 week + 1 week
- Actigard + 1 week + 1 week
- Actigard + 1 week + 1 week

Note: Admire Pro applied @ 1oz/1000plants, Actigard 50 W applied in the float house @ 2g /7000 plants

Data to be collected:

- Weekly stand counts, flagging TSWV symptomatic plants
- Plant height at 4 and 8 weeks
- Vigor ratings at 3, 6 & 9 weeks
- Yield
- ELISA-collecting root samples from ten plants per plot

2011 Johnson Variety Trial
Bowen Farm- Tifton, GA
University of Georgia -A.S. Csinos

501	505	510	503	514	508	511	502	513	507
A	B	A	B	A	B	A	B	A	B
B	A	B	A	B	A	B	A	B	A

504	509	506	512	402	408	404	411	406	409	401	413	405	414	412	403
A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A

213	202	309	313	303	310	305	314	307	301	312	304	311	302	308	306	410	407
A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A

28

204	208	206	201	209	211	214	205	210	203	207	212	104	109	113	102
A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A

103	108	111	106	101	110	114	107	112	105
A	B	A	B	A	B	A	B	A	B
B	A	B	A	B	A	B	A	B	A

Split Plot Design Replications: five with approx. 25 plants/ plot

Two row plots- A= non-treated plants B= plants treated with Actigard and Admire in the greenhouse

Rates: Actigard 2g ai/7000 plants Admire Pro 1.0z/1000 plants

Cultivar

- | | | | | |
|--------|--------|--------|----------|-----------|
| 1. H-1 | 4. H-4 | 7. H-7 | 10. H-10 | 13. NC 71 |
| 2. H-2 | 5. H-5 | 8. H-8 | 11. H-11 | 14. K-326 |
| 3. H-3 | 6. H-6 | 9. H-9 | 12. H-12 | |

Data to be collected:

- Vigor rating at 4 and 6 and 8 weeks
- Plant height at 6 and 8 weeks (measurements in centimeters)
- Weekly stand counts, flagging TSWV symptomatic plants

Yield

ELISA- collecting root samples from all remaining plants in plot

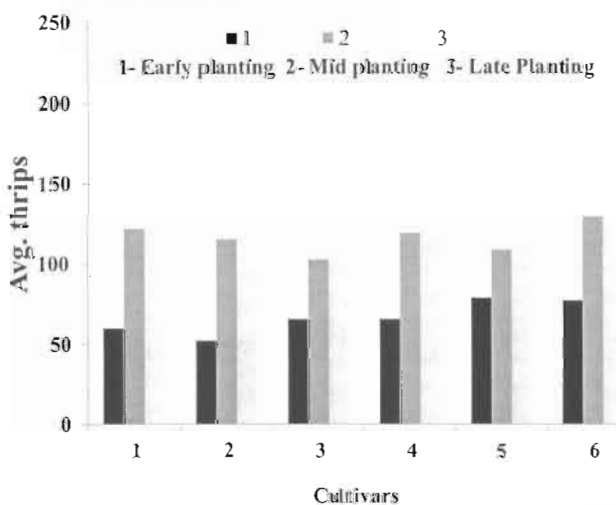
Thrips research in tobacco

Rajagopalbabu Srinivasan and Stan Diffie, 2360 Rainwater Road, Department of Entomology, University of Georgia, Tifton 317993-5766.

Under favorable conditions, *Tomato spotted wilt virus* (TSWV) can severely impact tobacco cultivation. TSWV is transmitted by several thrips species such as tobacco thrips, western flower thrips, onion thrips and others. In Georgia, tobacco thrips is considered to be the most important vector of TSWV in Tobacco.

In contrast to other crops grown in Georgia, none of the commonly grown tobacco cultivars have substantial levels resistance to thrips or to TSWV. Hence, it is very important to develop an integrated management program to deal with the problem. Since 2010, my research program in collaboration with Dr. Csinos and his research program have been conducting research on thrips and TSWV in tobacco. Numerous tactics encompassing host plant resistance, insecticides, and cultural practices have been instrumental in reducing thrips and incidence of thrips-transmitted TSWV. The goal of my research program is to evaluate how thrips respond to several currently-employed management tactics.

In 2010, various tobacco cultivars and breeding lines were evaluated for thrips preference. Thrips preference to various insecticide treatments and planting dates were evaluated simultaneously. Results reiterated that none of the tobacco genotypes tested influenced thrips preference. In other words, there were no noticeable levels of resistance against thrips. Also, insecticide applications did not significantly reduce thrips populations. But, combined applications of imidacloprid and Actigard provided some relief against TSWV. On the contrary, planting dates exerted a strong influence on thrips populations.



The graph illustrates that tobacco thrips densities were lower on early-planted (March 30) tobacco than on mid (April 13) or late-planted (April 27) tobacco. However, TSWV incidence in tobacco was not different among three planting dates. This lack of correlation between thrips density and TSWV incidence could be due to the fact that there was a very low overall incidence of TSWV in 2010. Under high virus pressure, the scenario may not be the same.

Currently, trials are being conducted to assess whether cultural practices can affect thrips populations and subsequently influence TSWV incidence. Experimental details and results obtained thus far will be discussed with our participants in detail.

2011 UNIVERSITY OF GEORGIA
COOPERATIVE EXTENSION SERVICE
TOBACCO ON-FARM DEMONSTRATIONS

Title of Demonstration: Chlorine Content FERTILIZER DEMONSTRATION

Farmer Name/Address: CPES - BOWEN FARM

County: TIFT

Extension Specialist Responsible: J. MICHAEL MOORE

Plot Size: 2 (44") ROWS X 58.5', 10' Alleys

Variety: K 326 Soil Type: SL Date Transplanted: (3-28-11)

Crop History: 2009; Peanuts 2010; Fallow

Herbicide/Rate: PPI; PROWL 3.3: 2 pt Post Plant;

Fungicides/Rate: ACTIGARD 1.0 oz / 100,000 cells Nematicides/Rate: TELONE II, 10 gals (fall 10)

Soil Insecticide/Rate: LORSBAN 1 QT/A; CORAGEN 7 oz/A in TRSP Water (200 gal/A)
ADMIRE PRO tray drench in GH 0.8 oz/1000Foliar Insecticide/Rate:

Fertility Program: AS PER TREATMENTS Date: 4/21/11; 5/5/11

Rainfall: March; April; May; June; July; August;

Topping: Date; Average No. Leaves Per Plant;

Sucker Control:

Material; Rate/Acre; Date;

Material; Rate/Acre; Date;

Material; Rate/Acre; Date;

Material; Rate/Acre; Date;

Topping: Date; Average No. Leaves Per Plant;

25 H	26 G	27 F	28 E	29 D	30 C	31 B	32 A	58.5'
17 D	18 F	19 H	20 A	21 C	22 B	23 E	24 G	58.5'
9 E	10 D	11 A	12 G	13 B	14 H	15 F	16 C	58.5'
1 A	2 B	3 C	4 D	5 E	6 F	7 G	8 H	58.5'

N needed	34-0-0 row	# Cl/A	g/34-0-0 row	K-Mag at 21 dat				21 dat					
				# KCl	g KCL/row	K ₂ O	K ₂ O provided	K ₂ O needed lb/A	# 0-0-22/A	g 0-0-22/row	N needed	15,5-0-0 lb/A	g/15.5-0-0 row
40	117.6	0	263.0	0	0.0	0.6	0	180.0	818.2	915 4/21 915 5/05	40	258.1	577
40	117.6	15	263.0	31.9	71.4	0.6	19.1	160.9	731.1	1636.2	40	258.1	577
40	117.6	30	263.0	63.8	142.7	0.6	38.3	141.7	644.1	1441.4	40	258.1	577
40	117.6	45	263.0	95.7	214	0.6	57.4	122.6	557.1	1246.6	40	258.1	577
40	117.6	60	263.0	127.7	285	0.6	76.6	103.4	470.0	1051.8	40	258.1	577
40	117.6	75	263.0	159.6	356.8	0.6	95.7	84.3	383.0	857.1	40	258.1	577
40	117.6	90	263.0	191.5	428	0.6	114.9	65.1	295.9	661.6	40	258.1	577
40	117.6	120	263.0	255.3	570.8	0.6	153.2	26.8	121.9	272.6	40	258.1	577

2011 UNIVERSITY OF GEORGIA
COOPERATIVE EXTENSION SERVICE
TOBACCO ON-FARM DEMONSTRATIONS

Title: SIDEDRESS NITROGEN FERTILIZER SOURCE DEMONSTRATION

Farmer Name/Address: CPES - BOWEN FARM County: TIFT

Extension Specialist Responsible: J. MICHAEL MOORE

Plot Size: 2 (44") ROWS X 58.5', 10' Alleys

Variety: K 326 Soil Type: SL Date Transplanted: (3-28-11)

Crop History: 2009; Peanuts 2010; Fallow

Herbicide/Rate: PPI; PROWL 3.3: 2 pt Post Plant;

Fungicides/Rate: ACTIGARD 1.0 oz / 100,000 cells Nematicides/Rate: TELONE II, 10 gals (fall 10)

Soil Insecticide/Rate: LORSBAN 1 QT/A; CORAGEN 7 oz/A in TRSP Water (200 gal/A)
ADMIRE PRO tray drench in GH 0.8 oz/1000

Foliar Insecticide/Rate:

Fertility Program: AS PER TREATMENTS Date: 4/21/11; 5/5/11

Rainfall: March; April; May; June; July; August;

Topping: Date; Average No. Leaves Per Plant;

Sucker Control:

Material; Rate/Acre; Date;

37	38	39	40	41	42	43	44	45	46	47	48	58.5'
K	L	J	I	H	G	F	E	D	C	B	A	
25	26	27	28	29	30	31	32	33	34	35	36	58.5'
J	D	E	L	I	C	H	B	G	A	F	K	
13	14	15	16	17	18	19	20	21	22	23	24	58.5'
K	F	G	A	H	B	J	C	I	D	L	E	
1	2	3	4	5	6	7	8	9	10	11	12	58.5'
A	B	C	D	E	F	G	H	I	J	K	L	

SIDEDRESS NITROGEN FERTILIZER SOURCE DEMONSTRATION

TRT	Analysis	Lb/A	(N-P-K)	Analysis	Lb/A	(N-P-K)
A.	6-6-18	667	(40-40-120)	15.5-0-0	226	(75-40-180)
				0-0-22	272	
B.	6-6-18	667	(40-40-120)	13-0-44	269	(75-40-238)
C.	6-6-18	667	(40-40-120)	NH4NO3	103	(75-40-180)
				0-0-22	272	
D.	15.5-0-0	258	(40-0-0)	15.5-0-0	226	(75-40-175)
	0-0-22	520	(0-0-120)	0-0-22	272	
			[40-0-120]			
E.	34-0-0	118	(40-0-0)	15.5-0-0	226	(75-40-175)
	0-0-22	520	(0-0-120)	0-0-22	272	
			[40-0-120]			
F.	9-0-36	500	(45-00-180)	15.5-0-0	194	(75-0-180)
G.	6-6-18	250	(15-15-45)	9-0-36	98	(75-15-180)
	9-0-36	277	(25-00-99.7)	15.5-0-0	168	
			[40-15-145]			
H.	13-0-44	307	(40-0-135)	15.5-0-0	140	(75-0-180)
				13-0-44	102	
I.	6-6-18	334	(20-20-180)	15.5-0-0	354	(75-20-180)
	0-0-22	550				
J.	6-6-18	334	(20-20-180)	UCAN 17	27.5	(75-20-180)
	0-0-22	550			gal	
	Kmag					
K.	6-6-18	334	(40-20-180)	15.5-0-0	354	(95-20-180)
	0-0-22	550				
	Kmag	59				
	34-0-0					
L.	6-6-18	334	(40-20-180)	UCAN 17	27.5	(95-20-180)
	0-0-22	550			gal	
	Kmag	59				
	34-0-0					

UCAN 17 = UAN-32 - 37%; CN-9 - 63% by volume

Updated 6/10/11

Treatments for 2011 Regional Sucker Control Test

1. TNS - Untreated Check
2. SUCKER PLUCKER 2.0 /2.5 GPA
(SUPER SUCKER STUFF & PRIME+) TM (1.5 GPA & 0.5 GPA)
STANDARD CHECK TREATMENT (TG3; TG5; TG3) 50 GPA
3. SUCKER PLUCKER 2.0 /2.5 GPA
(SUPER SUCKER STUFF & PRIME+) TM (1.5 GPA & 0.5 GPA)
CHECK TREATMENT FOR #2 (WITH CONVEYOR) 50GPA
4. **SUCKER PLUCKER 2.0/2.5/2.5 GPA (TG3; TG5; TG3) 50 GPA
(APPLY ADDITIONAL APPLICATIONS IF NEEDED)**
5. **SUCKER PLUCKER 2.0/2.5/2.5 GPA (WITH CONVEYOR) 50 GPA
(APPLY ADDITIONAL APPLICATIONS IF NEEDED)**
6. **SUCKER PLUCKER 2.0/2.5/2.5 GPA (TG3; TG5; TG3) 35 GPA
(APPLY ADDITIONAL APPLICATIONS IF NEEDED)**
7. **SUCKER PLUCKER 2.0/2.5/2.5 GPA (WITH CONVEYOR) 35 GPA
(APPLY ADDITIONAL APPLICATIONS IF NEEDED)**
8. **SUCKER PLUCKER 2.0/2.5/2.5 GPA (TG3; TG5; TG3)
PRIME+ 0.5 GPA (2011 FORMULATION (TG3; TG5; TG3) 50 GPA**
9. **SUCKER PLUCKER 2.0/2.5/2.5 GPA (WITH CONVEYOR)
PRIME+ 0.5 GPA (2011 FORMULATION (WITH CONVEYOR) 50 GPA**
10. **SUCKER PLUCKER 2.0/2.5/2.5 GPA (TG3; TG5; TG3)
SUPER SUCKER STUFF 1.5 GPA (TG3; TG5; TG3) 50 GPA**
11. **SUCKER PLUCKER 2.0/2.5/2.5 GPA (WITH CONVEYOR)
SUPER SUCKER STUFF 1.5 GPA (WITH CONVEYOR) 50 GPA**
12. SUCKER PLUCKER 2.0 /2.5 GPA
PRIME+ 0.5 GPA (OLD FORMULATION WITH (TG3; TG5; TG3) 50 GPA
13. SUCKER PLUCKER 2.0/2.5 GPA
PRIME+ / SUPER SUCKER STUFF 0.5 GPA/1.5 GPA sequential (TG3; TG5; TG3) 50 GPA
14. SUCKER PLUCKER 2.0/2.5 GPA
PRIME+ / SUPER SUCKER STUFF 0.5 GPA/1.0 GPA sequential (TG3; TG5; TG3) 50 GPA
15. SUCKER PLUCKER 2.0/2.5 GPA
PRIME+ / SUPER SUCKER STUFF 0.5 GPA/0.5 GPA sequential (TG3; TG5; TG3) 50 GPA
16. SUCKER PLUCKER 2.0/2.5 GPA
DREXALIN PLUS 0.5 GPA (WITH TG3; TG5; TG3) 50 GPA

2011 Regional Farm Test
Field 6620

- | | |
|--------------|-------------|
| 1. NC 2326 | 2. NC 95 |
| 3. K 326 | 4. XP 254 |
| 5. CC 1063 | 6. GLEX 328 |
| 7. CU 136 | 8. GLEX 362 |
| 9. NCEX 34 | 10. ULT 123 |
| 11. PXH 1 | 12. RJR 901 |
| 13. NCTG 156 | 14. GF 157 |
| 15. NCEX 24 | 16. ULT 143 |

Rep 3&6	12	12	10	10	5	5	16	16	8	8	3	3	6	6	4	4
	14	14	9	9	1	1	7	7	13	13	2	2	15	15	11	11
Rep 2&5	6	6	4	4	15	15	10	10	16	16	8	8	12	12	3	3
	13	13	7	7	5	5	9	9	2	2	14	14	11	11	1	1
Rep 1&4	16	16	15	15	14	14	13	13	12	12	11	11	10	10	9	9
	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8
Road																

2011 Tobacco Variety Tests
Field 6620

Official Variety Test

- 1. K 346
- 2. K 399
- 3. NC 71
- 4. NC 72
- 5. NC 92
- 6. NC 196
- 7. NC 291
- 8. NC 297
- 9. NC 299
- 10. NC 471
- 11. CC 27
- 12. CC 37
- 13. CC 65
- 14. CC 67
- 15. CC 700
- 16. PVH 1596
- 17. PVH 1452
- 18. PVH 2277
- 19. Speight 168
- 20. Speight 225
- 21. Speight 227
- 22. Speight 236
- 23. GL 338
- 24. GL 368
- 25. GL 395
- 26. GF 318

Regional Small Plot Test

- 1. NC 2326
- 2. NC 95
- 3. K 326
- 4. CC 143
- 5. CU 144
- 6. PXH 11
- 7. CU 164
- 8. NC EX 38
- 9. CU 124
- 10. GL EX 336
- 11. PXH 10
- 12. NC EX 31
- 13. PXH 8
- 14. GL EX 367
- 15. NC EX 39
- 16. NC EX 43
- 17. CC 223
- 18. CC 142
- 19. CU 140
- 20. NC EX 41
- 21. GL EX 335
- 22. PXH 9
- 23. CU 141
- 24. GL EX 325
- 25. ULT 113
- 26. NC EX 42

Rep 3	14	1	22	10	24	13	23	9	16	26	2	8	21	3	19	21	7	16	26	20	9	23	4	12	1	14	
	6	17	5	19	25	7	11	3	20	4	18	12	15	10	15	24	5	8	11	2	18	13	22	6	25	17	
	23	9	16	20	3	6	19	1	25	10	14	24	18	16	21	25	9	17	20	19	3	12	6	18	13	7	
Rep 2	11	8	2	5	17	12	7	13	21	15	22	4	26	8	5	24	2	11	15	4	23	10	1	14	26	22	
	26	25	24	23	22	21	20	19	18	17	16	15	14	26	25	24	23	22	21	20	19	18	17	16	15	14	
	1	2	3	4	5	6	7	8	9	10	11	12	13	1	2	3	4	5	6	7	8	9	10	11	12	13	
Road																											

**2011 Tobacco Commission Nematicide Trial on Tobacco
Bowen Farm - Tifton, GA**

606	608	603	601	605	602	607	604
503	502	505	508	504	507	506	501
408	404	407	402	406	401	405	403
305	301	308	303	307	304	302	306
202	207	204	205	201	206	203	208
104	106	102	107	103	108	101	105

Plot Size: 35' x 44"
Replications: six

Tobacco variety: K394

<u>Treatment</u>	<u>Rate</u>	<u>Application Schedule</u>
1. Non-treated	N/A	N/A
2. Telone II	6gal/A	2-3 wks pre-plant, 2 chisels/row
3. Devgen	2qt	PPI (apply in 12" band, incorporate, and water in) + 2 wks post plant + 4 wks post plant
4. Temik	20lbs/A	Pre-plant incorporated (PPI), apply in a 16" band
5. MANA	3.31lbs/A	Pre-plant incorporated (PPI), apply in a 16" band
6. Vapam	37.5gal/A	2-3 wks pre-plant, chisel in + rototill + soil seal surface with irrigation water
7. D-EXP	0.75 lb a.i./A	Pre-plant incorporated (PPI) + 3 wks post plant
8. D-EXP	0.75 lb s.i./A	Pre-plant incorporated (PPI)

Data to be collected:

- Stand Counts
- Plant Height at 6 weeks and 8 weeks
- Soil samples before plant and pre-treatment and at final harvest
- Vigor ratings at 2wks, 4 wks, and 6 wks
- Root gall ratings mid-season (4 wks-5 plants per plot) and at harvest (Evaluate using Zeck's scale)
- Yield

*****Note all parameters that would affect plant growth, nematode infestation and treatment differences***

**Tobacco Nematode Variety Trial
Bowen Farm 2011**

508	502	501	505	503	506	504	507
401	405	406	404	408	407	402	403
303	308	302	301	305	304	307	306
206	204	203	208	207	202	201	205
105	101	107	103	104	108	106	102

Tobacco Varieties

1. K394
2. CC13
3. CC33
4. CC35
5. CC37
6. CC65
7. NC 71
8. K326

Data to be collected:

- Stand Counts
- Plant Height at 6 and 8 weeks
- Soil samples before plant and pre-treatment and at final harvest
- Vigor ratings at 2wks, 4 wks, and 6 wks
- Root gall ratings mid-season (4 wks-5 plants per plot) and at final harvest
(Evaluate using Zeck's scale)
- Yield

*****Note all parameters that would affect plant growth, nematode infestation and treatment differences***

ACTIGARD FIELD SPRAYS FOR SPOTTED WILT MANAGEMENT

Paul Bertrand – Pathologist - Retired

The value of Actigard field sprays for management of spotted wilt is controversial. Some studies show a benefit others show no benefit. Timing these sprays may be important. This trial evaluate three ideas for timing Actigard field sprays on treated (Actigard @ 1.0 oz /100,000 seedlings 5-7 days pre transplant + Admire Pro @ 0.8 oz /1,000 tray cells 2-3 days pre transplant) and untreated plants. The timing of sprays is as below:

1. No Spray
2. Actigard @ 0.5 oz /acre every 7 days beginning at transplant continuing to layby. (6 applications)
3. Actigard @ 0.5 oz/acre every 7 days beginning when the first symptomatic plant is seen in the plot. (2 applications)
4. Actigard @ 0.5 oz/acre beginning when total degree days from 1 Nov 2010 reaches 1300. (2 applications) This degree day accumulation has been found by Dr. Kennedy's group at North Carolina State University to correlate with a major spring flight of tobacco thrips; the principal vector of *Tomato Spotted wilt Virus* in tobacco.

2011 ACTIGARD FIELD SPRAY TRIAL
Paul Bertrand, Pathologist – Retired
Steve LaHue – Research Coordinator – Bowen Farm

- I. THE PLOT IS:
- a. 8 FIELD TREATMENT ROWS OF CC-13 (RESISTANT TO PEANUT RKN) SEPERATED BY
 - b. 2 ROWS OF NC-71 (SUSCEPTIBLE TO PEANUT RKN) YELLOW FLAGS
- II. SEEDLING TREATMENT:
 BLACK = AA = ACTIGARD @ 1.0 oz/100,000 SEEDLINGS + AMIRE PRO @ 0.8 oz/1000 TRAY CELLS
 WHITE = CK = UNTREATED
- III. FIELD SPRAY TREATEMENTS (VARIETY = CC-13)
1. = UNTREATED CHECK
 2. = ACTIGARD 50WG @ 0.5 oz/acre EVERY 7 DAYS; BEGIN AT TRANSPLANT (6 APPS)
 3. = ACTIGARD 50WG @ 0.5 oz/acre WHEN TSWV FIRST SEEN IN CK PLANTS (2 APPS)
 4. ACTIGARD 50WG @ 0.5 oz/acre AT 1300 DEGREE DAYS FROM 1 Nov. 2010 (2 APPS)

IN THE MAP EACH ROW OF ***** = 4 ROWS OF TOBACCO

BOWEN FARM ROAD				
(AA)	*****1*****	*****2*****	*****3*****	*****4*****
(CK)	*****1*****	*****2*****	*****3*****	*****4*****
NC-71				
(CK)	*****3*****	*****1*****	*****4*****	*****2*****
(AA)	*****3*****	*****1*****	*****4*****	*****2*****
NC-71				
(AA)	*****2*****	*****4*****	*****1*****	*****3*****
(CK)	*****2*****	*****4*****	*****1*****	*****3*****
NC-71				
(AA)	*****4*****	*****3*****	*****2*****	*****1*****
(CK)	*****4*****	*****3*****	*****2*****	*****1*****

- NOTE 1. TOBACCO WAS TRANSPLANTED 12 APRIL 2011
- NOTE 2. FIRST TSWV IN CK PLANTS WAS SEEN 2 WEEKS POST TRANSPLANT
- NOTE 3. 1300 DEGREE DAYS WERE REACHED 3 WEEKS POST TRANSPLANT

2011
 UNIVERSITY OF GEORGIA / FLORIDA
 COOPERATIVE EXTENSION
 TOBACCO ON-FARM DEMONSTRATION

Title of Demonstration: **RELEASED VARIETY TEST**
 Farmer Name/Address: **ROOSEVELT & TRAVIS DICKS**
 Extension Specialist Responsible: **J. MICHAEL MOORE**
 Extension Agent Responsible: **BILL THOMAS**

Plot Size: 2 (46") ROWS X 1270'

Variety: AS PER PLOT Soil Type: SL Date Transplanted: 4/01/2010

Crop History: 2008: Peanut 2009: Fallow

Herbicide/Rate: PPI; PROWL 3.3 @ 2 pt/ac

SPARTAN @ 4 oz/ac (Surface Applied Prior to Transplanting)

Fungicides/Rate: Ridomil @ 8oz/ac (ppi) Nematicides/Rate: Telone II @13.0 gal/ac

Dithane @ 1 lb/ac

Dithane @ 1 lb/ac

Dithane @ 1 lb/ac

Dithane @ 1 lb/ac

Dithane @ 1 lb/ac

Soil Insecticide/Rate: LORSBAN @ 2 qt/ac

Foliar Insecticide/Rate:

Orthene 97 @ 0.75 lb/ac

Orthene 97 @ 0.75 lb/ac

Orthene 97 @ 0.75 lb/ac

Orthene 97 @ 0.75 lb/ac

Orthene 97 @ 0.75 lb/ac

Orthene 97 @ 0.75 lb/ac + Lannate L @ 1 pt/ac

Brigrade @ 4.2 oz/ac + Lannate L @ 1pt/ac

Lannate L @ 1 pt/ac

Fertility Program:

6-6-18 750 lbs/ac (4/13/10)

6-6-18 830 lbs/ac (4/24/10)

6-6-18 350 lbs/ac (5/06/10)

6-6-18 350 lbs/ac (5/18/10)

9-0-8 330 lbs/ac (6/02/10)

<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>
Rainfall:	3.25 in.	4.60 in.	8.60 in.	1.50 in. (6/10)	_____
Irrigation	1.20 in.	2.80 in.	2.10 in.	0.70 in. (6/10)	_____
	*4.0 in on 4/30				

Topping: Date: Began 6/03/10 Average No. Leaves Per Plant: _____

Sucker Control:

Material: Contact Rate/Acre: 4 % Date: 6/03/10

Material: _____ Rate/Acre: _____ Date: _____

Material: _____ Rate/Acre: _____ Date: _____

Table 1. Yield, Grade Index, Price Index, and Value per Acre of the 2011 Released Variety Test (commercially available varieties), Roosevelt & Travis Dicks Farm, Columbia County, Florida.

Trt No	VARIETY	PEDIGREE	SPONSOR	Disease Resistance					
				BS	GW	FW	RK	BSp	Virus
1.	CC 27	F1 Hybrid	Cross Creek Seed	R	R		TCN /R		TMV
2.	CC 67	F1 Hybrid	Cross Creek Seed	R	R		TCN /R		TMV
3.	CC 700	F1 Hybrid	Cross Creek Seed	R	R		TCN /R		
4.	GL 338	F1 Hybrid	Gold Leaf Seed Co	R	R				
5.	GL 395	F1 Hybrid	Gold Leaf Seed Co	R	R		R		
6.	K 326	McNair 225(McNair 30 X NC 95)	Gold Leaf Seed Co	L	L		R		
7.	NC 71	F1 Hybrid	Gold Leaf Seed Co	H	R		R		
8.	NC 196	F1 Hybrid	Gold Leaf Seed Co	R	L		R		
9.	NC 299	F1 Hybrid	Cross Creek Seed	R	R		TCN /R		
10.	PVH 1452	F1 Hybrid	Gold Leaf Seed Co	R	R		TCN /R		
11.	Spt 227	(SP 151 X K 346) (SP 202 X K 346)	Speight Seed Farm	R	R		R		
12.	Spt 236	(SP 168 X SP 196) (SP 179 X SP 177)	Speight Seed Farm	R	R		R		

**THANK YOU FOR YOUR INTEREST IN THE
2011 GEORGIA - FLORIDA TOBACCO TOUR**

**PLAN TO JOIN US FOR THE
2012 GEORGIA - FLORIDA TOBACCO TOUR**

JUNE 11-13, 2012

GEORGIA COUNTY ESTIMATES

USDA, NASS,
GEORGIA
FIELD OFFICE



Tobacco 2009-2010

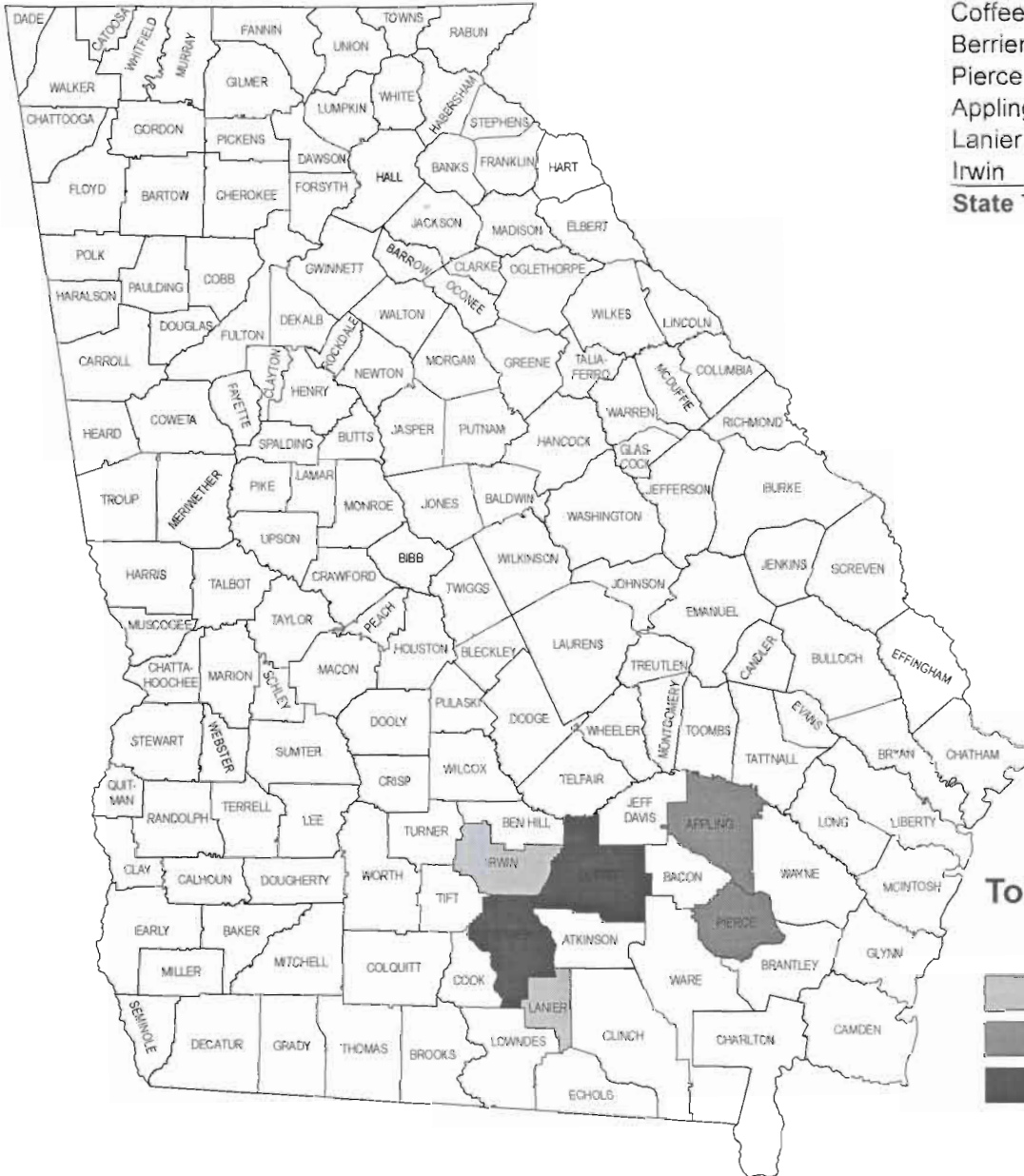
Stephens Federal Building, Suite 320
Athens, Georgia 30601
Phone: (706)546-2236
E-mail: nass-ga@nass.usda.gov

Released: June 2011

Website: <http://www.nass.usda.gov/ga>

Tobacco Top Producing Counties 2010

Coffee	4,940,000 lbs
Berrien	2,560,000 lbs
Pierce	2,390,000 lbs
Appling	1,570,000 lbs
Lanier	1,310,000 lbs
Irwin	800,000 lbs
State Total	27,360,000 lbs



Tobacco - 2010

	500,000 - 1,499,999 lbs
	1,500,000 - 2,499,999 lbs
	2,500,000 or more lbs

DOUGLAS G. KLEWENO
DIRECTOR

KATHY BROUSSARD
DEPUTY DIRECTOR

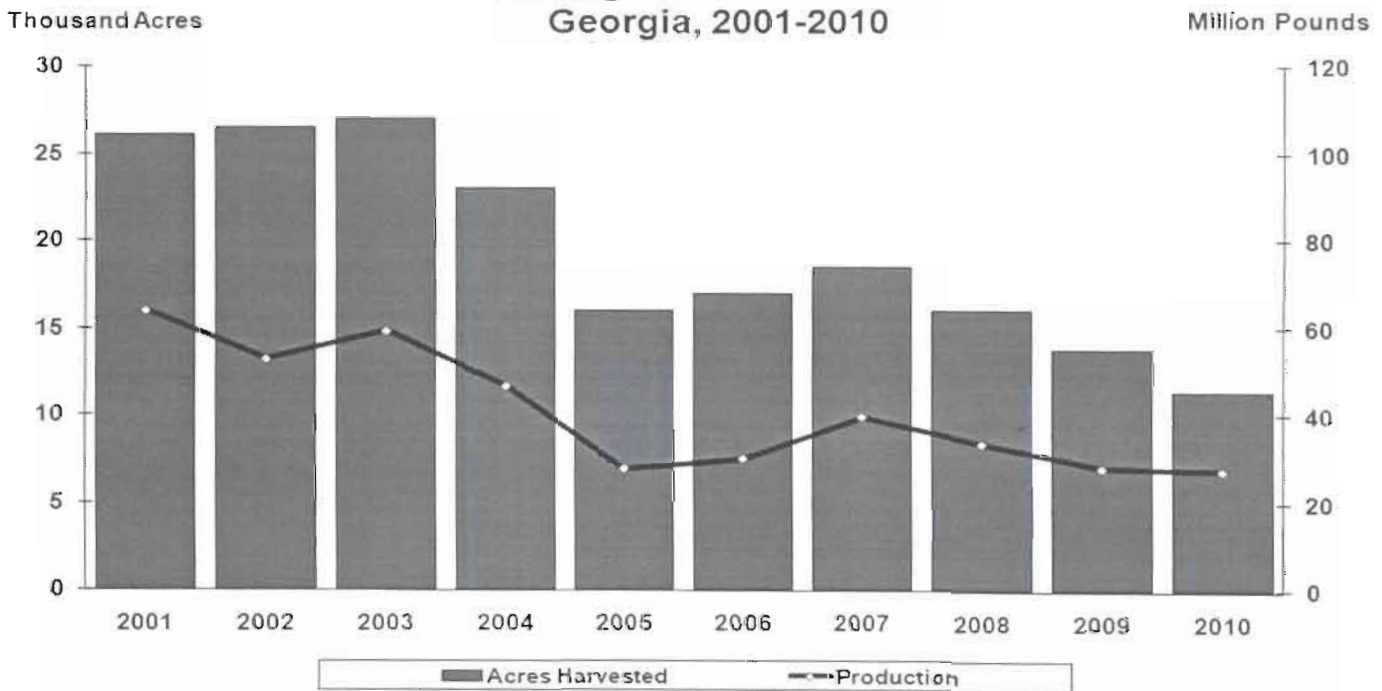
USDA/NASS COOPERATING WITH THE GEORGIA DEPARTMENT OF AGRICULTURE

**Tobacco--Acreage, Yield and Production by County,
Georgia, 2009-2010**

County	2009			2010		
	Harvested --Acres--	Yield per Acre --Pounds--	Production	Harvested --Acres--	Yield per Acre --Pounds--	Production
D60 East Central, Combined Counties	790	1,920	1,515,000	1/		
Atkinson	1,100	1,310	1,440,000	1/		
Berrien	1,420	2,150	3,051,000	1,240	2,065	2,560,000
Coffee	2,160	2,130	4,597,000	1,920	2,575	4,940,000
Irwin	520	2,415	1,257,000	310	2,580	800,000
Lanier	1/			610	2,150	1,310,000
Tift	780	1,735	1,354,000	1/		
D80 Combined Counties	3,090	2,045	6,321,000	3,260	2,575	8,390,000
D80 South Central	9,070	1,985	18,020,000	7,340	2,450	18,000,000
Appling	690	2,230	1,538,000	650	2,415	1,570,000
Pierce	810	1,925	1,560,000	1,020	2,345	2,390,000
D90 Combined Counties	2,020	2,180	4,406,000	1,520	2,235	3,400,000
D90 Southeast	3,520	2,130	7,504,000	3,190	2,305	7,360,000
D98 Combined Districts	420	2,320	975,000	870	2,300	2,000,000
State Total	13,800	2,030	28,014,000	11,400	2,400	27,360,000

1/ USDA NASS County Estimating Program Policy and Standards requires districts and counties with less than 100 acres planted to a crop, or practice of a crop, are included in other counties, coverage standards also apply to districts and county estimates.

**FLUE CURED TOBACCO
Acreage and Production
Georgia, 2001-2010**





When you have a question . . .
Call or visit your local office
of The University of Georgia's
Cooperative Extension Service.

You'll find a friendly, well-trained
staff ready to help you with informa-
tion, advice and free publications
covering agriculture and natural
resources, home economics, 4-H and
youth development and resource
development.

ATTENTION! PESTICIDE PRECAUTIONS

1. Observe all directions, restrictions and precautions on pesticide labels. It is dangerous, wasteful and illegal to do otherwise.
2. Store all pesticides in original containers with labels intact and behind locked doors. "KEEP PESTICIDES OUT OF THE REACH OF CHILDREN."
3. Use pesticides at correct label dosage and intervals to avoid illegal residues or injury to plants and animals.
4. Apply pesticides carefully to avoid drift or contamination of non-target areas.
5. Surplus pesticides and containers should be disposed of in accordance with label instructions so that contamination of water and other hazards will not result.
6. Follow directions on the pesticide label regarding restrictions as required by State or Federal Laws and Regulations.
7. Avoid any action that may threaten an Endangered Species or its habitat. Your county Extension agent can inform you of Endangered Species in your area, help you identify them, and through the Fish and Wildlife Service Field Office identify actions that may threaten Endangered Species or their habitat.

Trade and brand names are used only for information. The University of Georgia College of Agricultural and Environmental Sciences Cooperative Extension does not guarantee nor warrant the standard of any product mentioned neither does it imply approval of any product to the exclusion of others which may also be suitable.

The University of Georgia College of Agricultural and Environmental Sciences Cooperative Extension offers educational programs, assistance and materials to all people without regard to race, color national origin, age, sex or handicap status.

AN EQUAL OPPORTUNITY EMPLOYER

Crop & Soil Sciences

CSS-11-1111

June 2011

Issued in furtherance of Cooperative Extension works, Acts of May 8 and June 30, 1914,
The University of Georgia College of Agricultural & Environmental Sciences
and the U. S. Department of Agriculture cooperating.

Dr. Scott Angle, Dean and Director
The University of Georgia College of Agricultural and Environmental Sciences