

2023 Georgia Tobacco Tour



UNIVERSITY OF
GEORGIA

College of Agricultural &
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	Echols	229-559-5562	229-559-9436
Atkinson	912-422-3277	912-422-6223	Evans	912-739-1292	912-739-7831
Ben Hill	229-426-5175	229-426-5176	Jeff Davis	912-375-6648	912-379-1091
Berrien	229-686-5431	229-686-7831	Lanier	229-482-3895	229-482-2654
Brooks	229-263-4103	229-263-5607	Lowndes	229-333-5185	229-333-5188
Candler	912-685-2408	912-685-6614	Pierce	912-449-2034	912-449-8005
Coffee	912-384-1402	912-389-4007	Screven	912-564-2064	912-564-5815
Colquitt	229-616-7455	229-616-7033	Tattnall	912-557-6724	912-557-3332
			Wayne	912-427-5965	912-427-5967

UGA Tobacco Home Page

<http://www.georgiatobacco.com>

University of Georgia Tobacco Team

TOBACCO EXTENSION SCIENTISTS PH/FAX (see web site for email addresses)

J. Michael Moore, Extension Agronomist - Tobacco, Editor 229-392-6424

Glendon H. Harris, Extension Agronomist - Environ. Soil and Fertilizer 229-386-3194

TOBACCO RESEARCH SCIENTISTS

Sudeep, Bag, UGA Tifton Campus 229-386-3371 229-386-7285

COUNTY EXTENSION AGENTS IN TOBACCO COUNTIES

Shane Curry	Appling	Justin Shealey	Echols
Tony Barnes	Atkinson	Jennifer Miller	Jeff Davis
Holly Anderson	Ben Hill	Kim Post	Lanier
Ben Reeves	Berrien	Josh Dawson	Lowndes
Will Brown	Brooks	James Jacobs	Pierce
Ross Greene	Candler-Evans	Aubrey Shirley	Tattnall
Ashley Smith	Coffee	Derrick Bowen	Tattnall
Jeremy Kickler	Colquitt	Mark Frye	Wayne

Physical / Postal Address: 4604 Research Way / 2360 Rainwater Rd, Tifton, Georgia, 31793-5766, USA



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 & DRIVING DIRECTIONS FOR THE 2023 GEORGIA-FLORIDA TOBACCO TOUR

Monday, June 5, 2023

<http://www.GeorgiaTobacco.com>

Travel Mileage Directions

5:00 pm - Check-in Holiday Inn Express & Suites

**6694 US 129 N
Live Oak, Florida 32060
PH: 386-362-2600**

7:00 pm - Supper –Directions: From Holiday Inn and Suites to Brown Lantern,

**417 Howard St E
Live Oak, FL 32064**

Turn left onto US 129. Turn left onto Howard St, (Hwy 90). Restaurant on left.

Tuesday, June 6

Time/Mileage Directions

7:30 am - Leave Holiday Inn parking lot.

Live Oak, Florida

	Head southwest on Dowling Ave SE toward Piedmont St SE
0.1 mi	Turn right onto Piedmont St SE
322 ft	Turn left onto Ohio Ave S
0.3 mi	Turn right onto FL-51 S/11th St
	Continue to follow FL-51 S
0.5 mi	At the traffic circle, take the 3rd exit onto FL-51 S/Irvin Ave SW
7.1 mi	Right on 169th Rd
	Left into pasture at the oak tree to tobacco field in back

7:50 am Arrive Sidney, Jackson and Samuel Lord Farm - Suwannee County, FL

HM: 13092 169th Rd, Live Oak, FL 32060-5424

GPS DOES NOT find this address correctly

Plot: 30.205880, -83.097447 (386 362 8503)

Released Varieties Demonstration

-Emily Beach, Extension Agent II, M.S.

Lafayette County - Northeast

Agriculture & Natural Resources

Tuesday, June 6

Time/Mileage Directions

- 0.4 mi Head southwest on 169th Rd toward FL-51 S
Turn right onto 136th St/Moore Rd
- 0.7 mi Turn right onto 177th Rd
- 3.0 mi Turn left onto NW County Rd 250
- 10.1 mi Turn right onto County Rd 53
- 1.3 mi Keep right to continue on Co Rd 255
- 14.5 mi Turn right onto FL-6 E
- 1.3 mi
- 8:55 am Arrive Fred Wetherington Farm – Madison County, FL (229) 794-2734**
Off: P. O. Box 456, Hahira, GA 31632
Plot: 30°28'10.9"N 83°16'41.6"W
30.4696890, -83.2782340
- Large Scale Tobacco Production**
- 9:20 am Head east on FL-6 E toward NE Hawthorne Ave/Rutherford Rd**
14.3 mi Turn left to merge onto I-75 N
11.9 mi Left at top of Bellville Exit
- 9:45 am Arrive Bellville Exit and left on Co Rd 145 to Truckstop for Pit Stop**
- 10:05 am Depart Truckstop**
Head northeast on Bellville Rd
1.8 mi Continue onto S Main St
0.9 mi Turn right onto E Marion Ave
351 ft Turn left at the 1st cross street onto GA-376 E/N East St
Continue to follow GA-376 E
4.5 mi Turn right onto Tince Rd
1.0 mi 636 Tince Rd Lake Park, GA 31636
- 9:45 am Arrive Stanley Corbett Farm – Echols County, GA (229.560.3026)**
HM: 636 Tince Rd., Lake Park, GA 31636
Plot: 30.696214, -83.103325
- Black Shank Variety Resistance Test**
- Justin Shealey, Echols County Extension Coordinator
- 10:20 am Depart Corbett Farm**
Take GA-376 E to GA-135 N
Head northwest on Tince Rd toward Lisa Cir
1.0 mi Turn right onto GA-376 E
3.0 mi Follow GA-135 N to Brogdon Rd in Berrien County
23.1 mi Slight right onto GA-135 Bypass N
1.2 mi Turn right after NAPA Auto Parts-Fender Motors (on left)
427 ft Turn left onto N College St
0.3 mi Continue straight onto GA-135 N/N Brantley St merges
Continue to follow GA-135 N
15.0 mi Turn right onto Brogdon Rd

Tuesday, June 6

Time/Mileage Directions

11:10 am Arrive Tommy Lee Farm – Berrien County, GA
Hm: Nashville GA 31639
Plot: 31.2590798 -83.0682016 , GA 135 x Brogdon Rd.
TSWV Control Comparison Test
-Ben Reeves, Berrien County Extension Agent

Head northwest on Brogdon Rd toward GA-135 S
0.2 mi Turn left onto GA-135 S
1.6 mi Turn right onto GA-76 W
10.6 mi Turn left onto Jefferson St
Destination will be on the left
0.2 mi

12:00 pm - SPONSORED LUNCH -
Oneal's Country Buffet
201 E. McPherson Ave,
Nashville, GA 31639

1:00 pm Leave Oneal's

Head north on Jefferson St toward E Mcpherson Ave
0.1 mi Turn left at the 2nd cross street onto W Washington Ave
308 ft Turn right after Anytime Fitness (on the left)
164 ft Turn left onto W Marion Ave/Nashville Enigma Rd
0.2 mi Slight right onto GA-125 N/Nashville Enigma Rd/Tifton Rd
Continue to follow GA-125 N
7.6 mi Turn right onto Barber Shop Road
2.0 mi

1.15 pm Arrive Lamar Vickers Farm – Berrien County, GA
HM: Lamar Vickers, 264 Reedy Creek Rd,
Nashville, GA 31639-4307 (OFF: 229.543.1630)
Plot: 31.305540, -83.315014
3157 Barbershop Rd, Nashville, GA 31637
Maximum TSWV Incidence
-Ben Reeves, Berrien County Extension Agent

Head north on County Rd 120/Barber Shop Road toward Co Rd 119
Continue to follow County Rd 120

1.0 mi Take W Lenox Rd and US-82 E to Coochee Creek Rd
1.8 mi Turn left onto Nashville Enigma Rd
0.1 mi Turn right onto W Lenox Rd
4.7 mi Turn left onto US-129 N/N Davis St/Main St
0.7 mi Turn right onto US-82 E

Tuesday, June 6

Time/Mileage Directions

3.2 mi Turn left onto Coochee Creek Rd
1.8 mi Turn right onto Darrell Tucker Rd
1.4 mi Turn left onto GA-90 N
Destination will be on the right

2:10 pm Arrive Mark Tucker Farm – Atkinson County, GA OFF: (912 534-5175)
OFF: 1050 Burnell Gaskins Rd, Willacoochee, GA 31650
Plot: 31.40835°N 83.09560°W (SR-90N of Willacoochee)

Black Shank Variety Resistance Test,
- Tony Barnes, Atkinson County Extension Coordinator,

Head southeast on GA-90 S toward Quincey McMillan Rd
2.3 mi Turn right onto Darrell Tucker Rd
1.4 mi Turn left onto Coochee Creek Rd
1.8 mi Turn right onto US-82 W
9.2 mi Use the middle 2 lanes to turn slight left to stay on US-82 W
Pass by Dairy Queen Grill & Chill (on the left in 17 mi)
17.7 mi Slight left toward Virginia Ave
167 ft Turn left onto Virginia Ave
0.2 mi Hampton Inn & Suites Tifton
720 US-319, Tifton, GA 31794

7:00 pm Sponsored Dinner – Charles Seafood, 701 7th St W, Tifton, GA 31794

Wednesday, June 7, 2023

Mileage Directions (* - indicates traffic assistance needed)

7:30 am Line-up and Exit Applebees parking lot onto Hwy 82 E
Follow US-319 N and GA-32 E to GA-268 E in Coffee County
0.1 mi Turn right onto 7th St W
Pass by Dairy Queen Grill & Chill (on the right in 0.7 mi)
1.0 mi Continue onto US-319 N/US-82 E/E 5th St
Continue to follow US-319 N/US-82 E
1.5 mi Turn left onto US-319 N
18.1 mi Continue onto GA-32 E/E 4th St
Continue to follow GA-32 E
13.4 mi Turn left onto GA-268 E
9.6 mi Turn right onto N Alabama St
50 sec (0.4 mi) Follow GA-268 E to E Jefferson St in Hazlehurst
27 min (24.4 mi) Turn left onto Ocmulgee St E
0.3 mi Continue onto GA-268 E/Rock Rd

Wednesday, June 7, 2023

Mileage Directions (* - indicates traffic assistance needed)

9:45 am Arrive Jared Turner Farm – Appling County, GA (912) 278 2193
Hm: 8896 GA Highway 121 SE, Surrency, GA, 31563-3406
Plot: 31.600698, -82.287577
4301–4397 Cameron Rd, Baxley, GA 31513

Released Varieties Demonstration
- Shane Curry, Appling County Extension Coordinator

Head southeast on Cameron Rd toward GA-203 S
2 min (0.7 mi) Turn left onto GA-203 N
4.4 mi Turn left onto GA-121 N/GA-203 N
Continue to follow GA-121 N
19.5 mi Continue straight onto GA-121 N/GA-169 N
371 ft Slight right onto GA-121 N/GA-144 E/GA-169 N
5.7 mi Turn left onto GA-178 W
11.4 mi Turn right onto GA-147 E
6.6 mi Turn right onto W Brazell St
0.7 mi Turn left onto Anderson St
1.0 mi Continue onto Old Reidsville-Collins Rd
0.3 mi Continue onto Co Rd 468/Anderson St
Continue to follow Co Rd 468
0.9 mi Continue onto Old Reidsville-Collins Rd
1.4 mi Turn right onto Co Rd 468
5.3 mi Continue onto Old Anderson Church Rd
0.3 mi Continue onto Co Rd 468
0.6 mi Turn left onto Co Rd 36/Sam Greene
Continue to follow Co Rd 36
0.8 mi Slight right onto Co Rd 50
0.4 mi Merge onto Sam Green Rd
Destination will be on the right
0.8 mi

11:20 am Arrive Elton and Chance Callaway Farm, Evans County (912) 334-0252
Hm: 720 W E Callaway Road, Claxton, GA 30417
Plot: 32o13'58" N 82o03'08" W 32.231717, -82.050802

Released Varieties Demonstration
- Ross Greene, Candler/Evans County Extension Agent
- Aubrey Shirley, Tattnall County Extension Agent
- Derrick Bowen, Tattnall County Extension Agent

Head northwest on Sam Green Rd
0.3 mi Continue onto Co Rd 47
0.4 mi Continue onto Sam Greene Rd
404 ft Continue onto Co Rd 41
0.4 mi Turn left onto Hillview Rd
0.2 mi Turn right onto Co Rd 69
1.5 mi Continue onto Co Rd 66
0.4 mi Continue onto Co Rd 69
1.0 mi Turn right onto Evergreen Church Rd

Wednesday, June 7, 2023

Mileage Directions (* - indicates traffic assistance needed)

Destination will be on the right

0.7 mi

12:15 pm

Sponsored Lunch

**Arrive George and Tommy Holland Farm Barns/Shop/Restroom, H&H Farms
32.284564, -82.075217 Evergreen Ch Rd., Cobbtown, GA 30420
- catered by JoMaxx, Metter, GA**

1.15 pm

Arrive George and Tommy Holland Farm, Candler County, Cell: (912) 682-0573

Hm: 14373 Donnell Rd., Cobbtown, GA 30420

Plot: 32.284564, -82.075217 Across from lunch location

Black Shank Variety Resistance Test

- Ross Greene, Candler/Evans County Extension Agent

- Aubrey Shirley, Tattnall County Extension Agent

- Derrick Bowen, Tattnall County Extension Agent

Head east on Evergreen Church Rd toward Glisson Rd

2.2 mi Turn left onto Hwy 129 N

2.5 mi Sharp right onto Canoochee Rd

Destination will be on the right

1.50 pm

Arrive Elton and Chance Callaway Farm, Evans County (912) 334-0252

Hm: 720 W E Callaway Road, Claxton, GA 30417

Plot: 32.322977, -82.059249 Hwy 129 S of Metter

TSWV Control Test

- Ross Greene, Candler/Evans County Extension Agent

- Aubrey Shirley, Tattnall County Extension Agent

- Derrick Bowen, Tattnall County Extension Agent

**THIS IS THE END OF
THE 2023 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**

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 scheduled.**

Wait until the Tour has “left you” rather than trying to “leave the tour”. THOSE BEHIND YOU WILL FOLLOW YOU!!!

**Variety, Pedigree, Sponsor and Disease Resistance of the 2023 Released Variety Test
(commercially available varieties), Sidney, Jackson and Samuel Lord Farm, Suwannee County,
FL, (30.205880, -83.097447), 169 Rd, Live Oak, FL 32060-5424 cell: 386 362 8503**

Trt	VARIETY	PEDIGREE	SPONSOR	Disease Resistance					
				BS	GW	FW	RK	BSp	Virus
1.	CC 143	2012 CERT	CC	H	GW		R		
2.	CC 603	2021 F1 Hybrid	CC	M-H			R		
3.	GL 365	2019 F1 Hybrid	GL	H	R		R		
4.	GL 395	2010 F1 Hybrid	GL	H	M		R		
5.	K 326	1981 McNair 225 (McNair 30 X NC 95)	GL	L	L		R		
6.	NC 196	2002 F1 Hybrid	GL	H	M		R		
7.	NC 925	2010 F1 Hybrid	NC	H	M		R		
8.	NC 960	2021 F1 Hybrid Wz gene	NC	H	M		R		
9.	NC 1226	2016 F1 Hybrid Wz gene	NC	H	R		R		
10	PVH 1920	2014 Hybrid	Foley	M	L-M		R		

¹Resistance: H - High; M - Moderate; L - Low; R- Resistant; T - Tolerant; SU – Susceptible Diseases:
BS - Black shank; GW - Granville Wilt; FW - Fusarium Wilt; RK - Root Knot; R1&3-*Meloidogyne Incognita* Race1 & Race3; Bn. Sp. - Brown spot; TMV - Tobacco Mosaic Virus; PVY - Potato Virus 'Y';
TSWV – Tomato Spotted Wilt Virus; TCN - Tobacco Cyst Nematode; TEV - Tobacco Etch Virus;
Sponsor: AOI-Alliance One; Clemson-Clemson University; CC-Cross Creek Seed Co; GL-Gold Leaf Seed Company; Gwynn Farms; NCSU-NC State University; ProfiGen – ProfiGen do Brasil;
RJR- RJ Reynolds Tobacco Company; Rickard-F.W. Rickard Seed Co; SPT-Speight Seed Farms;
ULT-Universal Leaf Tobacco Co

Seeded: 1/18/23; Transplanted 4/4/23;

Variety, Pedigree, Sponsor and Disease Resistance of the 2023 Black Shank Variety Resistance Trial , Stanley Corbett Farm (229) 560-3026, Plot: 390 Corbett Ln, Lake Park, GA 31636, 30.696214 -83.103325, Echols County, Justin Shealey, County Extension Agent

Trt	VARIETY	PEDIGREE	SPONSOR	Disease Resistance					
				BS	GW	FW	RK	BSp	Virus
1	CC 603 raw	2021 Hybrid Ph gene, H race 1 similar to 1226	CC	H	M		R		
2.	GL 365	2019 Hybrid	GL	H	R		R		
3.	K 326	1981 McNair 225 (McNair 30 X NC 95)	GL	L	L		R		
4.	NC 960	2021 Hybrid	NC	H					
5.	NC 986 Small pellet		NC	L- M					
6.	NC 987 Small pellet		NC	L- M					
7.	NC 989 Small pellet		NC	L- M					
8.	NC 1226	2016 Hybrid	NC	H	R		R		TMV
9.	PVH 1600	2013 Hybrid	Foley	R	H		R		
10.	PVH 1920	2014 Hybrid	Foley	M	L-M		R		

¹Resistance: H - High; M - Moderate; L - Low; R- Resistant; T - Tolerant; SU – Susceptible Diseases: BS - Black shank; GW - Granville Wilt; FW - Fusarium Wilt; RK - Root Knot; R1&3-*Meloidogyne Incognita* Race1 & Race3; Bn. Sp. - Brown spot; TMV - Tobacco Mosaic Virus; PVY - Potato Virus 'Y'; TSWV – Tomato Spotted Wilt Virus; TCN - Tobacco Cyst Nematode; TEV - Tobacco Etch Virus;
Sponsor: AOI-Alliance One; Clemson-Clemson University; CC-Cross Creek Seed Co; GL-Gold Leaf Seed Company; Gwynn Farms; NCSU-NC State University; RJR- RJ Reynolds Tobacco Company; Rickard-F.W. Rickard Seed Co; SPT-Speight Seed Farms; ULT-Universal Leaf Tobacco Co

Seeded: 1/18/23; Transplanted 4 5 23;

**The University of Georgia Tobacco Team
acknowledges
Altria Client Services LLC (Philip Morris USA Inc.)
for their financial support of this black shank research and extension project.**

2023

Black Shank Variety Disease Resistance Test

Plot Plan

Echols Co, Atkinson Co, Candler Co.

304	310	306	308	309	302	301	303	305	307	408	405	407	409	402	404	406	403	410	401
101	102	103	104	105	106	107	108	109	110	203	210	204	206	201	207	202	208	205	209

Do Not include Orondis Gold or Ridomil in the transplant water used for this plot.

One row plots of each of 10 varieties planted in a randomized block with two reps in front (20 rows wide) and two reps deep with a 10' between plots.

Variety, Pedigree, Sponsor and Disease Resistance of the 2023 Black Shank Variety Resistance Trial , Mark Tucker Farm (229) 560-3026, Plot: 1050 Burnell Gaskins Rd, Willacoochee, GA 31650, 31.40835 -83.09560 (SR-90N of Willacoochee), Atkinson County, Tony Barnes, County Extension Coordinator

Trt	VARIETY	PEDIGREE	SPONSOR	Disease Resistance					
				BS	GW	FW	RK	BSp	Virus
1	CC 603 raw	2021 Hybrid Ph gene, H race 1 similar to 1226	CC	H	M		R		
2.	GL 365	2019 Hybrid	GL	H	R		R		
3.	K 326	1981 McNair 225 (McNair 30 X NC 95)	GL	L	L		R		
4.	NC 960	2021 Hybrid	NC	H					
5.	NC 986 Small pellet		NC	L- M					
6.	NC 987 Small pellet		NC	L- M					
7.	NC 989 Small pellet		NC	L- M					
8.	NC 1226	2016 Hybrid	NC	H	R		R		TMV
9.	PVH 1600	2013 Hybrid	Foley	R	H		R		
10.	PVH 1920	2014 Hybrid	Foley	M	L-M		R		

¹Resistance: H - High; M - Moderate; L - Low; R- Resistant; T - Tolerant; SU – Susceptible Diseases:
BS - Black shank; GW - Granville Wilt; FW - Fusarium Wilt; RK - Root Knot; R1&3-*Meloidogyne Incognita* Race1 & Race3; Bn. Sp. - Brown spot; TMV - Tobacco Mosaic Virus; PVY - Potato Virus 'Y'; TSWV – Tomato Spotted Wilt Virus; TCN - Tobacco Cyst Nematode; TEV - Tobacco Etch Virus;
Sponsor: AOI-Alliance One; Clemson-Clemson University; CC-Cross Creek Seed Co; GL-Gold Leaf Seed Company; Gwynn Farms; NCSU-NC State University; RJR- RJ Reynolds Tobacco Company; Rickard-F.W. Rickard Seed Co; SPT-Speight Seed Farms; ULT-Universal Leaf Tobacco Co

Seeded: 1/18/23; Transplanted 4 13 23;

**The University of Georgia Tobacco Team
acknowledges
Altria Client Services LLC (Philip Morris USA Inc.)
for their financial support of this black shank research and extension project.**

2023

Black Shank Variety Disease Resistance Test

Plot Plan

Echols Co, Atkinson Co, Candler Co.

304	310	306	308	309	302	301	303	305	307	408	405	407	409	402	404	406	403	410	401
101	102	103	104	105	106	107	108	109	110	203	210	204	206	201	207	202	208	205	209

Do Not include Orondis Gold or Ridomil in the transplant water used for this plot.

One row plots of each of 10 varieties planted in a randomized block with two reps in front (20 rows wide) and two reps deep with a 10' between plots.

**Variety, Pedigree, Sponsor and Disease Resistance of the 2023 Regional Variety Test,
 Jason and Kenneth Williams Farm; J (912) 253-0524, K (912) 253-7740
 HM: 783 Hatton Still Road, Hazlehurst, GA 31539-4247 31.804498, -82.581893 Jennifer
 Miller, Jeff Davis County Extension Agent**

Trt	VARIETY	PEDIGREE	SPONSOR	Disease Resistance					
				BS	GW	FW	RK	BSp	Virus
1	NC 95	1961 (C-139XBel.4-30)x(C-139XHicks)	NC	L	H	M	R		
2.	K 326	1981 McNair 225 (McNair 30 X NC95) GL		L	L		R		
3.	NCEX111	N19-591 x -592	NC						
4.	NCEX108	N21-509x-510	NC						
5.	PXH70			R0 /1	H		M. inco g/R		TMV- R
6.	NCEX113	N19-605 x -606	NC						
7	NCEX112	N19-545 x -546, N22-283 x -284	NC						
8	LAFC53	N17-2	NC						
9	LA K326	(GH22-25 x GH22-26)	NC						

'Resistance; H - High; M - Moderate; L - Low; R - Resistance; T - Tolerant; Su - Susceptible
 Diseases: BS - Black Shank; GW - Granville Wilt; FW - Fusarium Wilt; RK - Root Knot; Bn. Sp. - Brown Spot;
 TMV - Tobacco Mosaic Virus; PVY - Potato Virus 'y'; TSMV - Tomato Spotted Wilt Virus;
 TCN - Tobacco Cyst Nematode; TEV - Tobacco Etch Virus; M.j. - Meloidogyne javanica

Seeded: 1/18/23; Transplanted 4/17/23;

Variety, Pedigree, Sponsor and Disease Resistance of the 2023 Released Variety Test (commercially available varieties), Jared Turner Farm, (912) 278-2193, HM: 8896 GA Highway 121 SE, Surrency, GA, 31563-3406, jturnerfarms@bellsouth.net Appling County, GA.), Plot: Cameron Rd, Baxley, GA 31513, (31.600698, -82.287577), Shane Curry, County Extension Agent

Trt	VARIETY	PEDIGREE	SPONSOR	Disease Resistance					
				BS	GW	FW	RK	BSp	Virus
1.	CC 143	2012 CERT	CC	H	GW		R		
2.	CC 603	2021 F1 Hybrid	CC	M-H			R		
3.	GL 365	2019 F1 Hybrid	GL	H	R		R		
4.	GL 395	2010 F1 Hybrid	GL	H	M		R		
5.	K 326	1981 McNair 225 (McNair 30 X NC 95)	GL	L	L		R		
6.	NC 196	2002 F1 Hybrid	GL	H	M		R		
7.	NC 925	2010 F1 Hybrid	NC	H	M		R		
8.	NC 960	2021 F1 Hybrid Wz gene	NC	H	M		R		
9.	NC 1226	2016 F1 Hybrid Wz gene	NC	H	R		R		
10.	PVH 1920	2014 Hybrid	Foley	M	L-M		R		

¹Resistance: H - High; M - Moderate; L - Low; R - Resistant; T - Tolerant; SU – Susceptible Diseases: BS - Black shank; GW - Granville Wilt; FW - Fusarium Wilt; RK - Root Knot; R1&3-*Meloidogyne Incognita* Race1 & Race3; Bn. Sp. - Brown spot; TMV - Tobacco Mosaic Virus; PVY - Potato Virus ‘Y’; TSWV – Tomato Spotted Wilt Virus; TCN - Tobacco Cyst Nematode; TEV - Tobacco Etch Virus;
Sponsor: AOI-Alliance One; Clemson-Clemson University; CC-Cross Creek Seed Co; GL-Gold Leaf Seed Company; Gwynn Farms; NCSU-NC State University; ProfiGen – ProfiGen do Brasil; RJR- RJ Reynolds Tobacco Company; Rickard-F.W. Rickard Seed Co; SPT-Speight Seed Farms; ULT-Universal Leaf Tobacco Co

Seeded: 1/18/23; Transplanted 4/6/23;

Variety, Pedigree, Sponsor and Disease Resistance of the 2023 Released Variety Test
 (commercially available varieties), Chance Callaway Farm, Candler County, GA, (82.00760°W,
 32.22036°N), Sam Green Rd, Claxton, GA 30417, Cell: (912) 334-0252 Ross Greene, Aubrey
 Shirley & Derrick Bowen, County Extension Agents

Trt	VARIETY	PEDIGREE	SPONSOR	Disease Resistance					
				BS	GW	FW	RK	BSp	Virus
1.	CC 143	2012 CERT	CC	H	M		R		
2.	CC 1063	2011 CERT	CC	H	M		R		
3.	GL 365	2019 F1 Hybrid	GL	H	R		R		
4.	GL 395	2010 F1 Hybrid	GL	H	M		R		
5.	K 326	1981 McNair 225 (McNair 30 X NC 95)	GL	L	L		R		
6.	NC 196	2002 F1 Hybrid	GL	H	M		R		
7.	NC 938	2010 F1 Hybrid	NC	H	M		R		
8.	NC 960	2021 F1 Hybrid Wz gene	NC	H	M		R		
9.	NC 1226	2016 F1 Hybrid Wz gene	NC	H	R		R		
10	PVH 1600	2013 F1 Hybrid	PROFIGEN	M	H		M		

¹Resistance: H - High; M - Moderate; L - Low; R- Resistant; T - Tolerant; SU – Susceptible Diseases:
 BS - Black shank; GW - Granville Wilt; FW - Fusarium Wilt; RK - Root Knot; R1&3-*Meloidogyne*
Incognita Race1 & Race3; Bn. Sp. - Brown spot; TMV - Tobacco Mosaic Virus; PVY - Potato Virus 'Y';
 TSWV – Tomato Spotted Wilt Virus; TCN - Tobacco Cyst Nematode; TEV - Tobacco Etch Virus;
 Sponsor: AOI-Alliance One; Clemson-Clemson University; CC-Cross Creek Seed Co; GL-Gold Leaf Seed
 Company; Gwynn Farms; NCSU-NC State University; ProfiGen – ProfiGen do Brasil;
 RJR- RJ Reynolds Tobacco Company; Rickard-F.W. Rickard Seed Co; SPT-Speight Seed Farms;
 ULT-Universal Leaf Tobacco Co

Seeded: 1/18/22; Transplanted 4 6 23;

Variety, Pedigree, Sponsor and Disease Resistance of the 2023 Black Shank Variety
 Resistance Test , George & Tommy Holland, H&H Farms, 1151 Evergreen Church Rd,
 Cobbtown, GA 30420, cell: 912.682.0573, gfholland1@gmail.com, Plot: Evergreen Church
 Rd, Cobbtown, GA, 32.284564, -82.075217, -Ross Greene, Aubrey Shirley & Derrick
 Bowen, County Extension Agents

Trt	VARIETY	PEDIGREE	SPONSOR	Disease Resistance					
				BS	GW	FW	RK	BSp	Virus
1	CC 603 raw	2021 Hybrid Ph gene, H race 1 similar to 1226	CC	H	M		R		
2.	GL 365	2019 Hybrid	GL	H	R		R		
3.	K 326	1981 McNair 225 (McNair 30 X NC 95)	GL	L	L		R		
4.	NC 960	2021 Hybrid	NC	H					
5.	NC 986 Small pellet		NC	L- M					
6.	NC 987 Small pellet		NC	L- M					
7.	NC 989 Small pellet		NC	L- M					
8.	NC 1226	2016 Hybrid	NC	H	R		R		TMV
9.	PVH 1600	2013 Hybrid	Foley	R	H		R		
10.	PVH 1920	2014 Hybrid	Foley	M	L-M		R		

¹Resistance: H - High; M - Moderate; L - Low; R- Resistant; T - Tolerant; SU – Susceptible Diseases:
 BS - Black shank; GW - Granville Wilt; FW - Fusarium Wilt; RK - Root Knot; R1&3-*Meloidogyne*
Incognita Race1 & Race3; Bn. Sp. - Brown spot; TMV - Tobacco Mosaic Virus; PVY - Potato Virus 'Y';
 TSWV – Tomato Spotted Wilt Virus; TCN - Tobacco Cyst Nematode; TEV - Tobacco Etch Virus;
 Sponsor: AOI-Alliance One; Clemson-Clemson University; CC-Cross Creek Seed Co; GL-Gold Leaf Seed
 Company; Gwynn Farms; NCSU-NC State University; RJR- RJ Reynolds Tobacco Company;
 Rickard-F.W. Rickard Seed Co; SPT-Speight Seed Farms; ULT-Universal Leaf Tobacco Co

Seeded: 1/18/23; Transplanted 4 5 23;

**The University of Georgia Tobacco Team
 acknowledges**

**Altria Client Services LLC (Philip Morris USA Inc.)
 for their financial support of this black shank research and extension project.**

2023

Black Shank Variety Disease Resistance Test

Plot Plan

Echols Co, Atkinson Co, Candler Co.

304	310	306	308	309	302	301	303	305	307	408	405	407	409	402	404	406	403	410	401
101	102	103	104	105	106	107	108	109	110	203	210	204	206	201	207	202	208	205	209

Do Not include Orondis Gold or Ridomil in the transplant water used for this plot.

One row plots of each of 10 varieties planted in a randomized block with two reps in front (20 rows wide) and two reps deep with a 10' between plots.

FARMS AND COOPERATING COUNTY AGENTS COMPARING TREATMENTS FOR TSWV COMPARED TO NON-TREATED

6 wk % TSWV Symptomatic

County	Grower	Plant Source	Agent	Trspit Date	Variety	Treatments	Non-trt	Treated
Atkinson	Mark Tucker	Mark Davis	Tony Barnes	4.19.23	NC 196	Admire		
Berrien	Tommy Lee	Melvin Mathis	Ben Reeves	4.11.23	NC 925	Admire	35	18
Candler	C. Callaway	C. Callaway	Ross Greene	4.12.23	NC 196	Admire	15	8
Echols	Corbett	C. Carver	Justin Shealey	4.11.23	NC 196	Admire	8.62	6.75
Jeff Davis	K. Williams	K Williams	J. Miller	4.21.23	PVH 2343	Admire	12	4
Lanier	R. Cook	Melvin Mathis	Kim Post	4.11.23	NC 925	Admire	25.6	12.3
Lowndes	Herring	Fowler Plants	Josh Dawson	4.17.23		Admire	Admire drench + Ad trspit water 16	4.5
Pierce	Thornton	Melvin Mathis	James Jacobs	4.24.23	NC 196	Admire		
Tattnall	C. Callaway	C. Callaway	Aubrey Shirley	4.18.23	NC 196	Actjg/Admire	18	22

THE UNIVERSITY OF GEORGIA TOBACCO TEAM EXPRESSES
APPRECIATION TO THE FOLLOWING FINANCIAL SUPPORTERS OF THE

2023 GEORGIA TOBACCO TOUR

AgSouth Farm Credit

Foley Seed and Service

Alliance One International

**Georgia Agricultural
Commodity Commission for
Tobacco**

Altria Client Services

B.F.D. Tobacco Equip.

GoldLeaf Seed Co.

Bayer Crop Sciences

Raynor Seed Co.

Big Independent Warehouse

RJ Reynolds Tobacco Co.

Carolina Soil Company

SQM

Catalytic Generators LLC

Syngenta

Drexel

Universal Leaf N.A.

**Farm Credit Associations of
Georgia**

U.S. Tobacco Cooperative

Fair Products

YARA

FMC

Valent



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-23-1122

June 2023

**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. Nick T. Place, Dean and Director
The University of Georgia College of Agricultural and Environmental Sciences**