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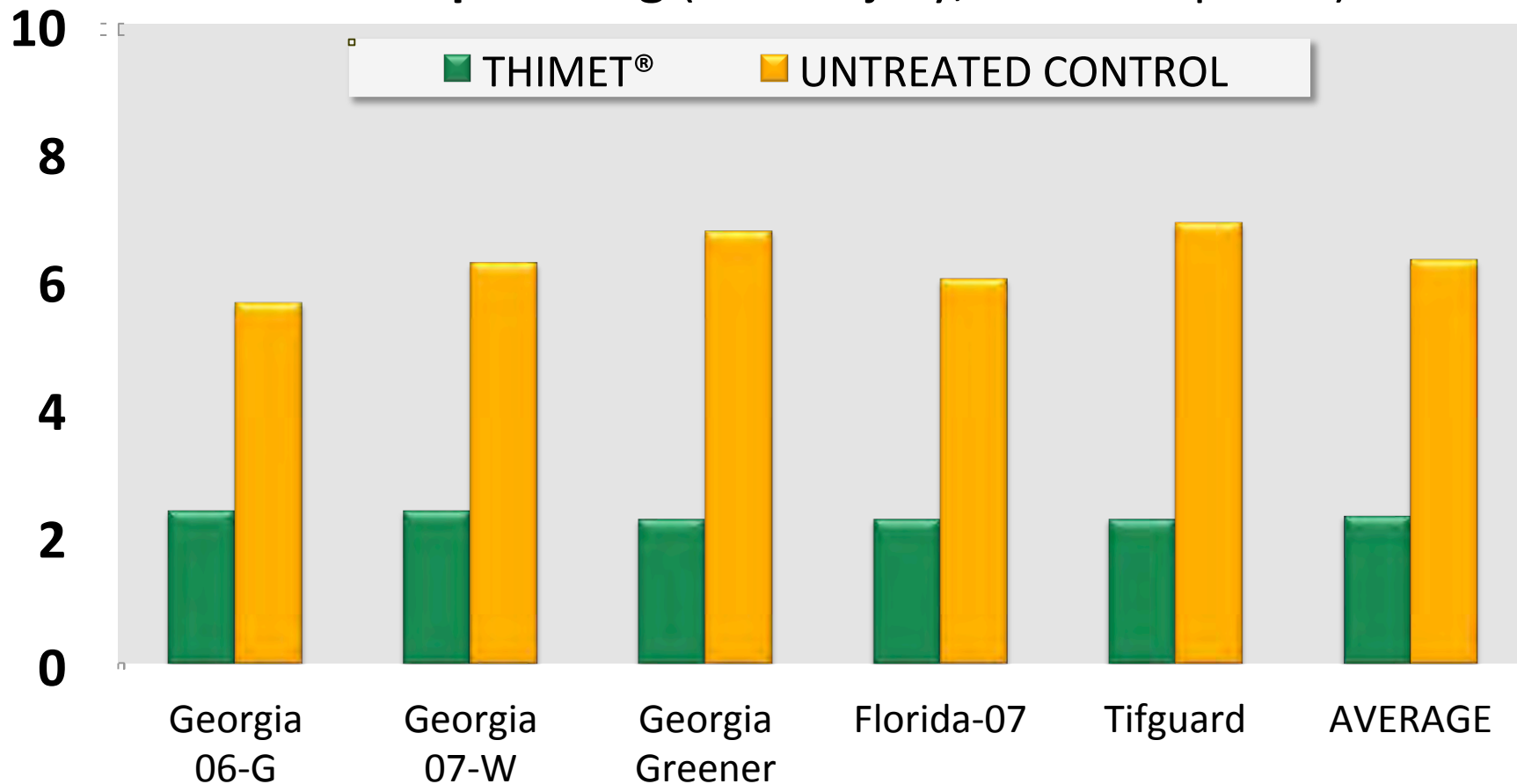
THIMET® Provides Thrips Control and More

- Proven control of thrips.
- Key component of Tomato Spotted Wilt Virus (TSWV) management Plans.
- Proven to provide top yields even as peanut cultivars with tolerance to TSWV evolve:
 - Georgia Green
 - Georgia Greener
 - Georgia 06-G
 - Future cultivars?

Performance of THIMET® 20G in Peanuts

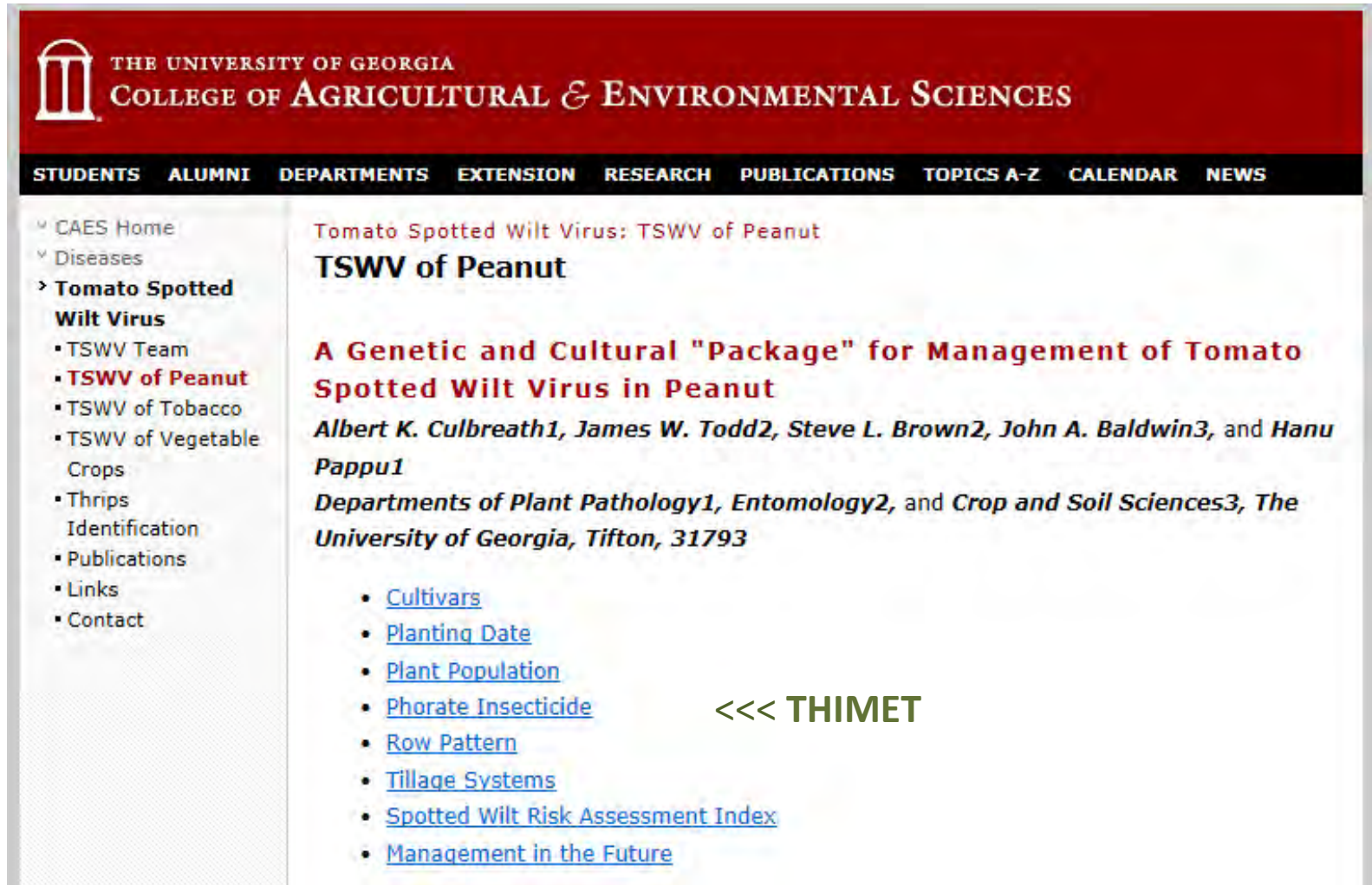
University of Georgia, Coastal Plain Experiment Station, Ponder Research Farm, GA 2011

Thrips Rating (1=no injury, 10=dead plants)



Split plot design ; 4 reps; planted 4-26-2011; inverted 9-20-2011; combined 9-23-2011. THIMET® 20G in-furrow at 5 lbs./A.

THIMET[®] is a Key Component of TSWV Management



THE UNIVERSITY OF GEORGIA
COLLEGE OF AGRICULTURAL & ENVIRONMENTAL SCIENCES

STUDENTS ALUMNI DEPARTMENTS EXTENSION RESEARCH PUBLICATIONS TOPICS A-Z CALENDAR NEWS

- CAES Home
- Diseases
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 - TSWV Team
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Tomato Spotted Wilt Virus: TSWV of Peanut
TSWV of Peanut

A Genetic and Cultural "Package" for Management of Tomato Spotted Wilt Virus in Peanut
Albert K. Culbreath¹, James W. Todd², Steve L. Brown², John A. Baldwin³, and Hanu Pappu¹
Departments of Plant Pathology¹, Entomology², and Crop and Soil Sciences³, The University of Georgia, Tifton, 31793

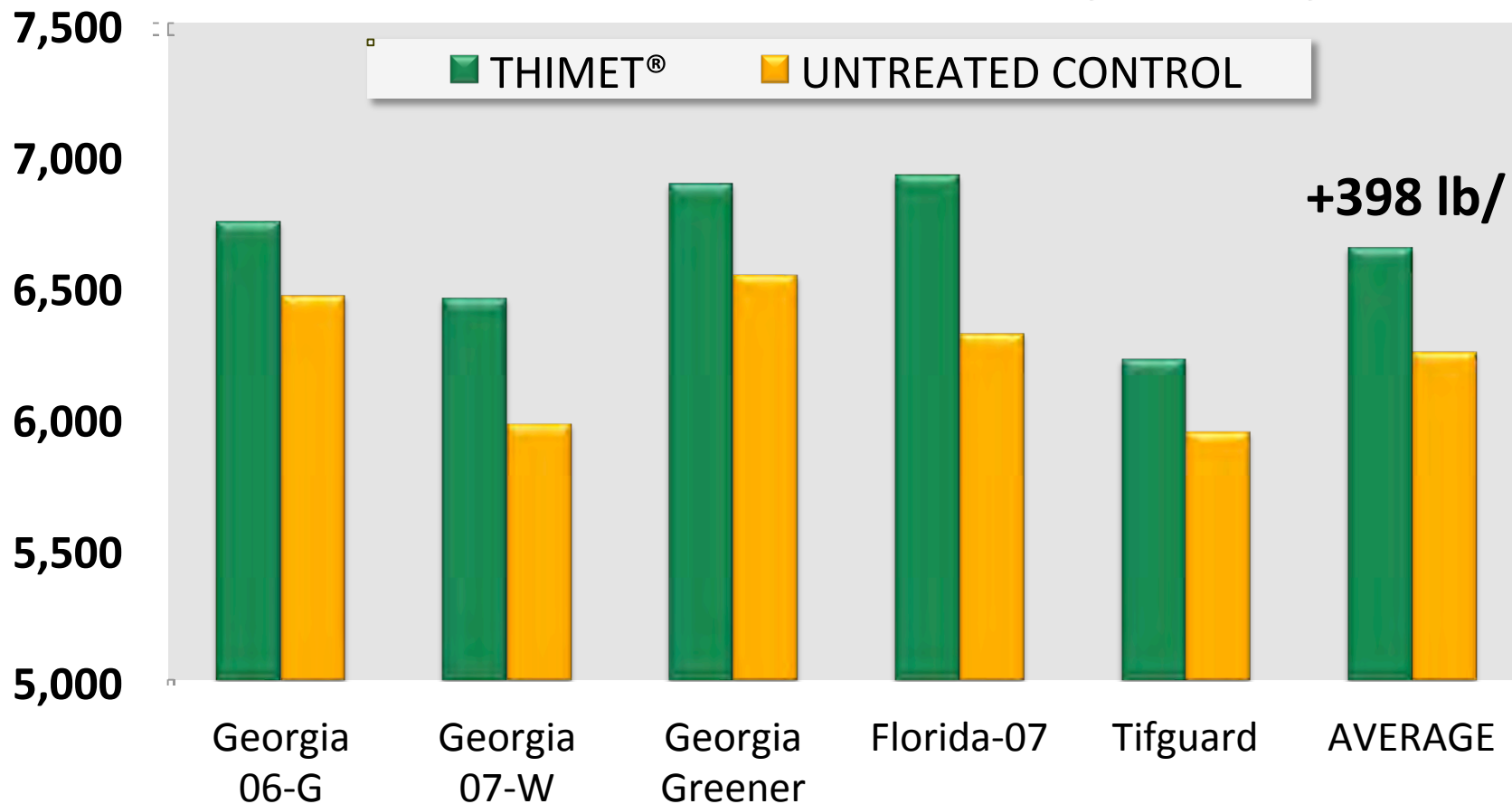
- [Cultivars](#)
- [Planting Date](#)
- [Plant Population](#)
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<<< THIMET

Performance of THIMET® 20G in Peanuts

University of Georgia, Coastal Plain Experiment Station, Ponder Research Farm, GA 2011

Peanut Yield (lb/A) by Variety



Split plot design ; 4 reps; planted 4-26-2011; inverted 9-20-2011; combined 9-23-2011. THIMET® 20G in-furrow at 5 lbs./A.

Jim Griffin

Griffin Ag Scouts | Bainbridge, GA



- “THIMET has always been an industry standard for thrips control in peanuts. Even when we had Temik[®], THIMET was better.”
- “We have always seen good results and less Spotted Wilt when we use THIMET. THIMET has worked for a long time and it’s going to continue to work for a long time.”

Edd Harrison

Double D Advisory Services, LLC | Pelham, GA

- “There are countless years of data from the University of Georgia. I think it probably goes back several years. The use of THIMET was clearly the mainstay of controlling Tomato Spotted Wilt Virus and, in my opinion, it continues to be.”
- “I have found less Tomato Spotted Wilt Virus on THIMET treated peanuts. It’s clearly a marked difference between the seed treatment versus THIMET.”



Jack Royal

Royal's Ag Consulting Co, Inc. | Leary, GA

- “I used THIMET on all but maybe 600 of my acres.”
- “If you are looking at a seed treatment you are looking at probably a few weeks of thrips control. There are so many other soil insects out there, and even though you don't hear much about them, I feel like THIMET gives us some control over them. That's one of the reasons I use THIMET.”



CruiserMaxx® Introduction

Advantages:

- Convenience

Questions:

- Performance on thrips
- Consistency – Oversprays?
- Role in TSWV?
- Yield maximization?

Longer term issues:

- Resistance to thiamethoxam confirmed in Mid-South thrips
 - Used in cotton, corn and peanuts
 - Other neonicotinoid products?

THIMET[®] 20G in Peanuts

Tifton, University of Georgia

Cruiser[®]



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Variety: **Georgia 06G** Planted: May 9, 2013 Photos: June 10, 2013

THIMET[®] 20G in Peanuts

Tifton, University of Georgia

Cruiser[®]



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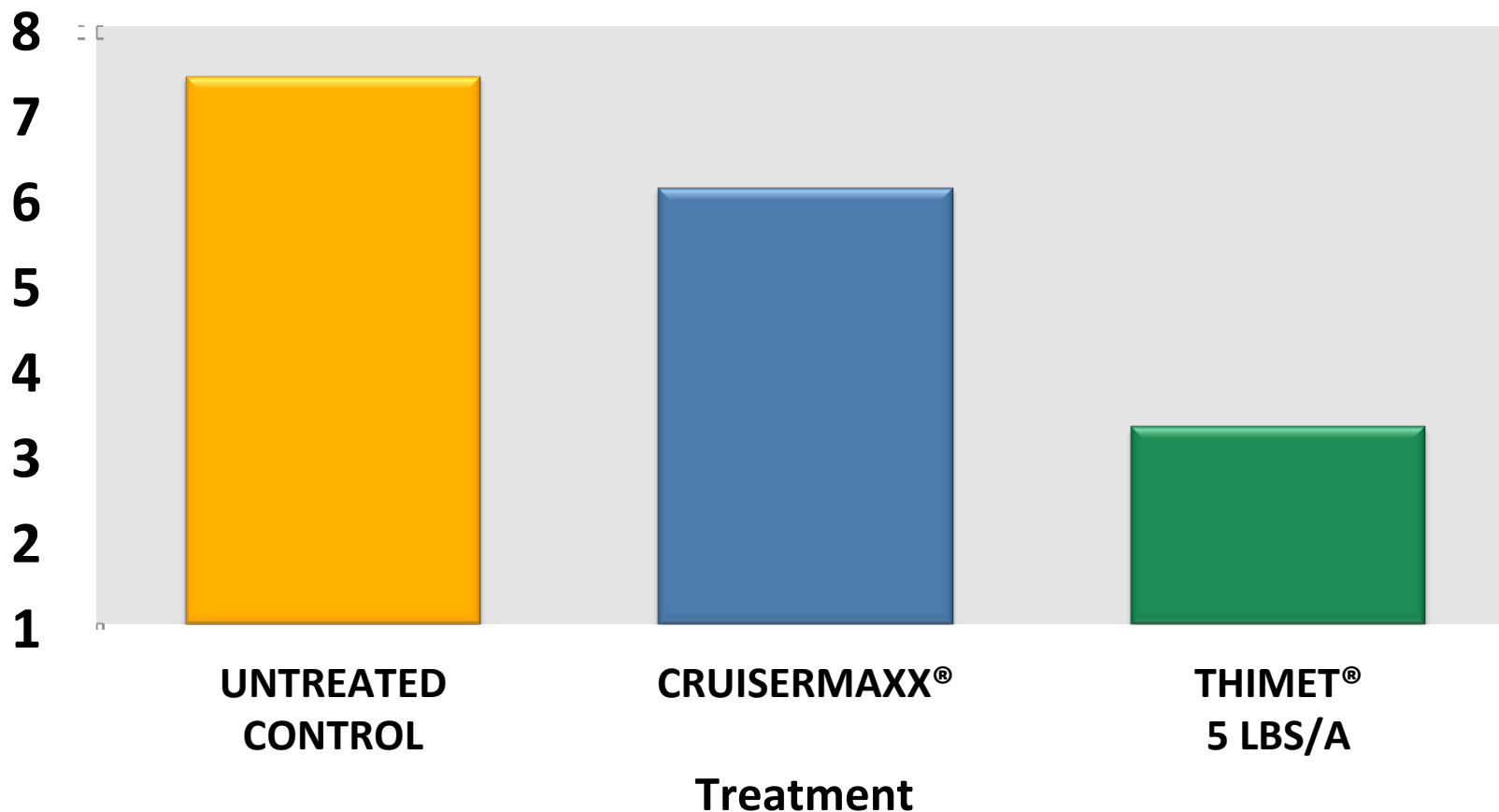


Variety: **Georgia 9B** Planted: May 9, 2013 Photos: June 10, 2013

Performance of THIMET[®] 20G in Peanuts

Across Trial Summary from Public Field Trials in Georgia, 2013

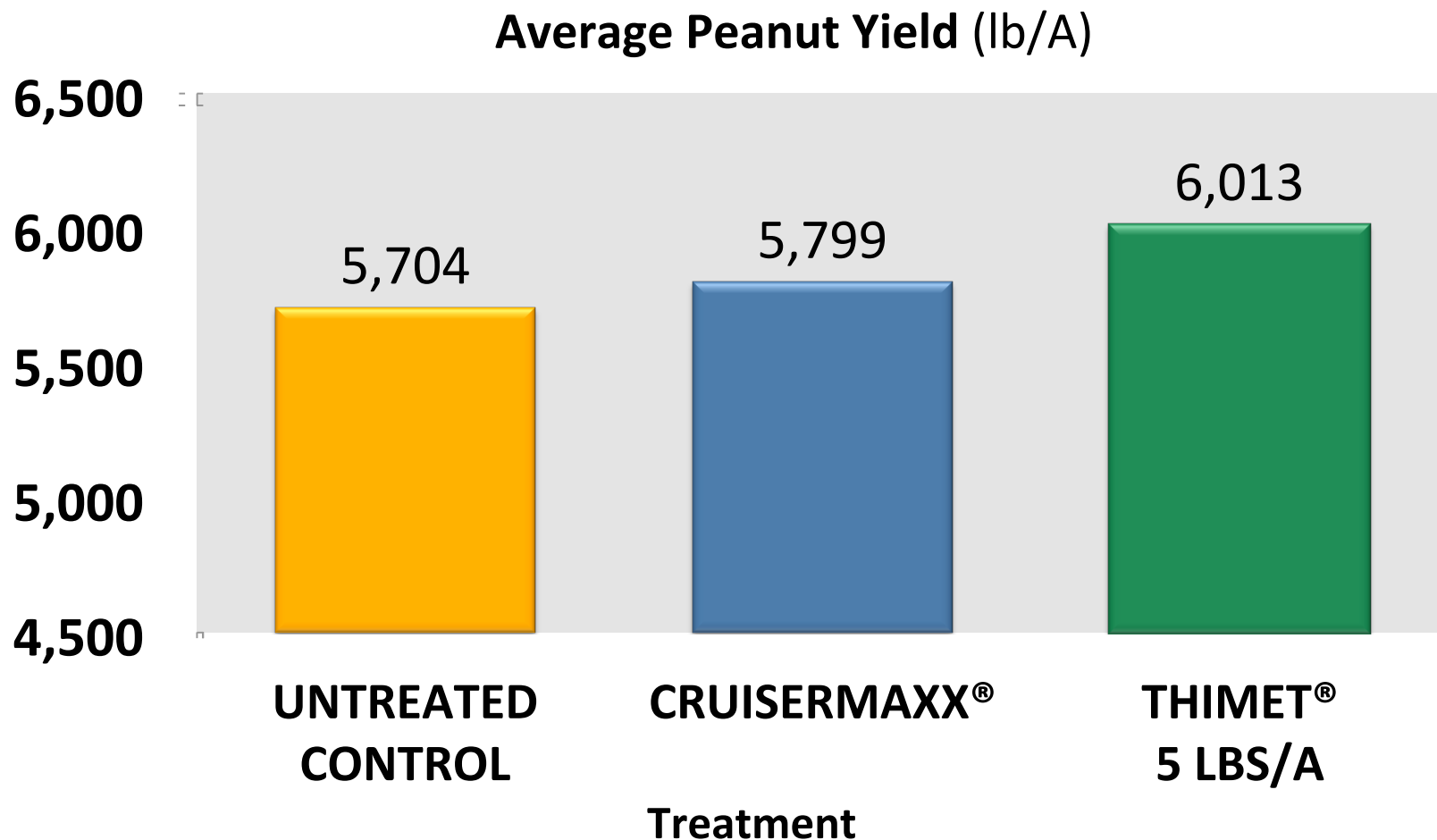
Average Thrips Damage Rating (1=no injury, 10=severe damage)



Based on all available data points (N=8) from Univ. GA cooperators. All seed treated with fungicide.

Performance of THIMET[®] 20G in Peanuts

Across Trial Summary from Public Field Trials in Georgia, 2013



Based on all available data points (N=10) from Univ. GA cooperators. All seed treated with fungicide



THIMET[®] 20G in Peanuts

Lang Farms, University of Georgia

Cruiser[®]



THIMET

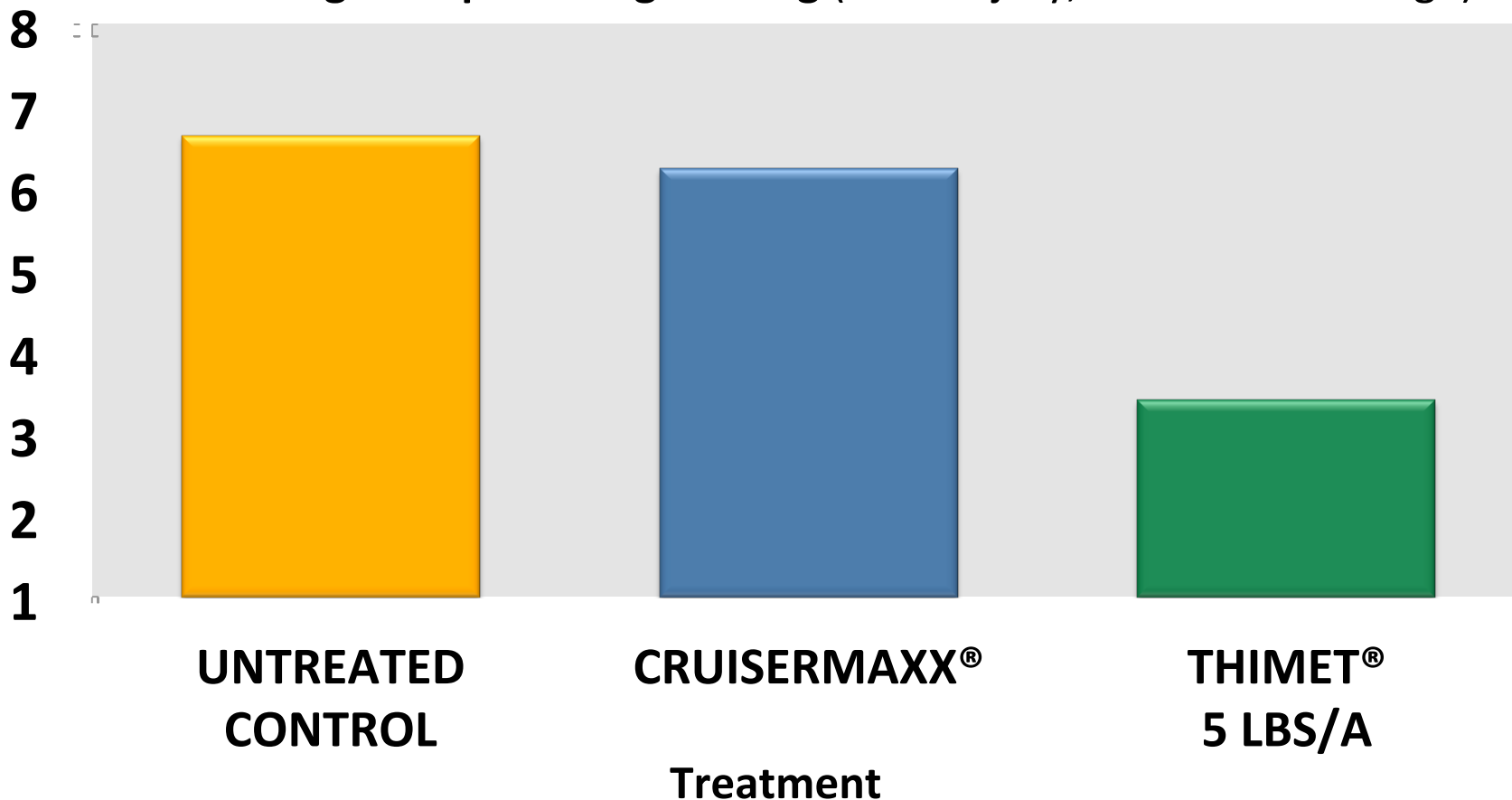


Variety: **Bailey** Planted: May 10, 2013 Photos: June 11, 2013

Performance of THIMET® 20G in Peanuts

Across Trial Summary from Public Field Trials in SC, NC, and VA, 2013

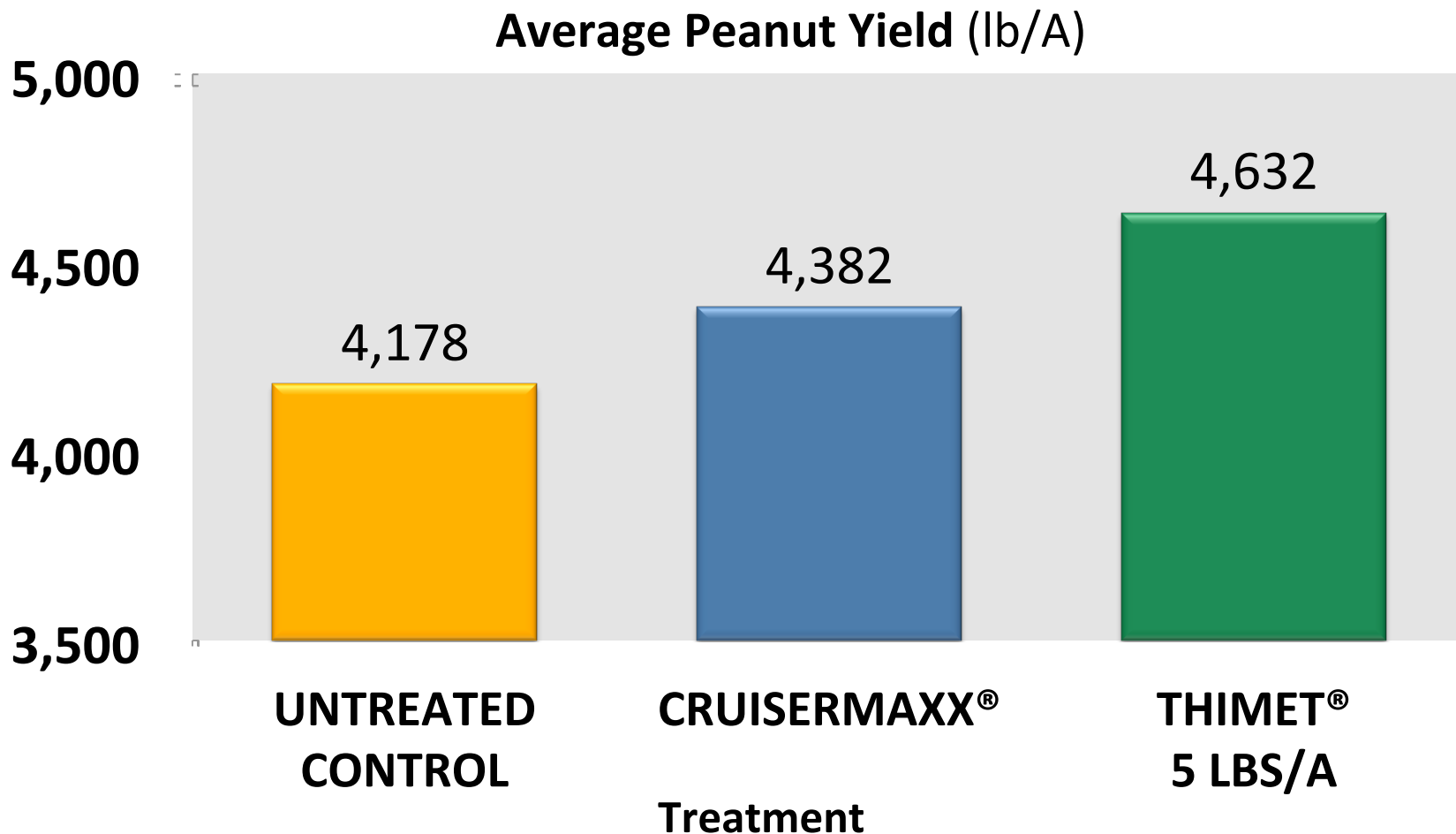
Average Thrips Damage Rating (1=no injury, 10=severe damage)



Based on all available data points (N=16) from Virginia Tech, NC State Univ., and Clemson Univ. cooperators. All seed treated with fungicide.

Performance of THIMET® 20G in Peanuts

Across Trial Summary from Public Field Trials in SC, NC, and VA, 2013



Based on all available data points (N=16) from Virginia Tech, NC State Univ., and Clemson Univ. cooperators. All seed treated with fungicide.



Long Term Issue

Manage Resistance

Thiamethoxam Resistance Confirmed

CATCHOT, A.

Tobacco Thrips in Mid-South Resistant to Thiamethoxam

By Angus Catchot, Extension Entomologist, Jeff Gore, Research Entomologist and Don Cook, Research Entomologist, on November 7th, 2013

Since 2011 we have seen a decline in efficacy of thiamethoxam treated cotton seed against tobacco thrips. This has led to the increase of foliar applications in mid-south cotton acres. Recently Syngenta has confirmed that populations in the mid-south region are in fact resistant to the active ingredient thiamethoxam. This is specific to tobacco thrips and does appear at this time to be confined to only the mid-south region. Resistance appears to be specific to thiamethoxam and not present in the active imidacloprid.

We will be provide much more information as it becomes available at fall and spring meetings.

The following links by Gus Lorenz and Scott Stewart provide additional information.

<http://www.arkansas-crops.com/2013/11/08/cruiser-thiamethoxam-seed-treatment-may-be-ineffective-on-tobacco-thrips-in-cotton/>

<http://news.utcrops.com/2013/11/tobacco-thrips-resistance-to-cruiser/>

Resistance Management

- Resistance of tobacco thrips to thiamethoxam (active insecticide ingredient in Cruiser and CruiserMaxx seed treatments) has been confirmed in the Mid-South.
 - This active ingredient is used extensively as a seed treatment in both corn and cotton.
- With CruiserMaxx now labeled in peanuts, the opportunity for resistance to develop increases in the Southeast.
- Utilize THIMET on peanuts as an alternative mode of action to manage resistance and maintain the useful life of thiamethoxam.

Consultant Testimonials

September of 2013

Jim Griffin

Griffin Ag Scouts | Bainbridge, GA



- “We have some peanuts that have been treated (with CruiserMaxx) and most of those peanuts had to be over-sprayed for thrips control.”

Edd Harrison

Double D Advisory Services, LLC | Pelham, GA

- “I am so sold on these things (THIMET) because I have seen over the years the performance of seed treatment. It is adding to the cost but I am not sure it is adding to the value.



Doyle Singleton

Advanced Crop Care, Inc. | Pelham, GA



- “Until I see differently, and I did not see that this year, THIMET is the way to go.”
- “Do I see more potential with THIMET peanuts? I do. Is THIMET doing its job? Yes. I think you all have a great product and I think it needs to stay in play.”

Wes Briggs

Brigg's Crop Services, Inc. | Bainbridge, GA

- “When you try a new product you want it to have a good year and it [CruiserMaxx] definitely didn’t start off good in this area. I think you will see those guys that tried it this time go back to THIMET next year. You are going to see more growers go back to THIMET, I truly believe that.”



Wes Briggs

Brigg's Crop Services, Inc. | Bainbridge, GA

“I have pictures on my phone right now that I took earlier in the year of CruiserMaxx and THIMET peanuts. In the thrips pressure we had this summer, I was really disappointed in the control.”



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CruiserMaxx



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