

**NICHINO**  
AMERICA®

**Peanut Day Marianna  
FL**

# Peanut Fungicides



# Key Benefits

- Flutolanil, the active ingredient in CONVOY is one of the longest-lasting and strongest SDHI's used to control white mold, even under the highest-pressure situations.
- Provides systemic action with superior protection, both above and below ground.
- Provides both preventative and curative action for key soilborne diseases.
- Flexible application program – may be used in a two or four spray program for soilborne diseases.
- Strong UV stability and wash off allow Convoy to last longer while waiting for an activating irrigation or rain event.



# Convoy Spray Program

PROGRAMS	LEAF SPOT		LEAF SPOT / WHITE MOLD / LIMB ROT				LEAF SPOT
	30	45	60	75	90	105	120
<b>LOW RISK</b>	Chlorothalonil 1.5 pt	Chlorothalonil 1.5 pt	<b>CONVOY</b> 10-13 fl oz + Leaf Spot*	<b>CONVOY</b> 10-13 fl oz + Leaf Spot*	<b>CONVOY</b> 10-13 fl oz + Leaf Spot*	<b>CONVOY</b> 10-13 fl oz + Leaf Spot*	Chlorothalonil 1.5 pt
<b>MEDIUM RISK 4-BLOCK</b>	Chlorothalonil 1.5 pt	Chlorothalonil 1.5 pt	<b>CONVOY</b> 13-16 fl oz + Leaf Spot*	<b>CONVOY</b> 13-16 fl oz + Leaf Spot*	<b>CONVOY</b> 13-16 fl oz + Leaf Spot*	<b>CONVOY</b> 13-16 fl oz + Leaf Spot*	Chlorothalonil 1.5 pt
<b>MEDIUM RISK 2-BLOCK</b>	Chlorothalonil 1.5 pt	Chlorothalonil 1.5 pt	<b>CONVOY</b> 20-26 fl oz + Leaf Spot*	Tebuconazole 7.2 fl oz + Chlorothalonil 1 pt	<b>CONVOY</b> 20-26 fl oz + Leaf Spot*	Tebuconazole 7.2 fl oz + Chlorothalonil 1 pt	Chlorothalonil 1.5 pt
<b>HIGH RISK</b>	Priaxor 6 fl oz OR Lucento 5.5 fl oz		<b>CONVOY</b> 26-32 fl oz + Leaf Spot*	Tebuconazole 7.2 fl oz + Chlorothalonil 1 pt OR Priaxor 6-8 fl oz OR Lucento 5.5 fl oz	<b>CONVOY</b> 26-32 fl oz + Leaf Spot*	Tebuconazole 7.2 fl oz + Chlorothalonil 1 pt	Chlorothalonil 1.5 pt

# Use Convoy® Fungicide Get a Quality Crop, Top Yields, and a Rebate

## Key Benefits of Using Convoy:

- Consistent university research has shown that Convoy is a superior fungicide for control of white mold/southern blight/southern stem rot.
- Reliable performance, even under the most extreme conditions.

**Earn a \$5.00 per gallon rebate for all qualifying purchases of Convoy Fungicide.**

For more information, and to register, visit:  
[www.nichino.net/convoy-rebate-2024/](http://www.nichino.net/convoy-rebate-2024/)  
or scan the QR Code.



# Product Information



- Co-formulation of flutolanil and flutriafol containing both soil-borne and leaf spot fungicides to provide broad spectrum control.
- Umbra<sup>®</sup> fungicide protects peanuts from yield loss caused by white mold/Southern blight, limb rot, and leaf spot even under the highest disease pressure conditions.
- Combination of one of the most systemic triazoles plus one of the most powerful and dependable SDHI chemistries makes Umbra an excellent safeguard against white mold/Southern blight and leaf spot to deliver a thriving and high yielding crop.

## Recommended Use Rates

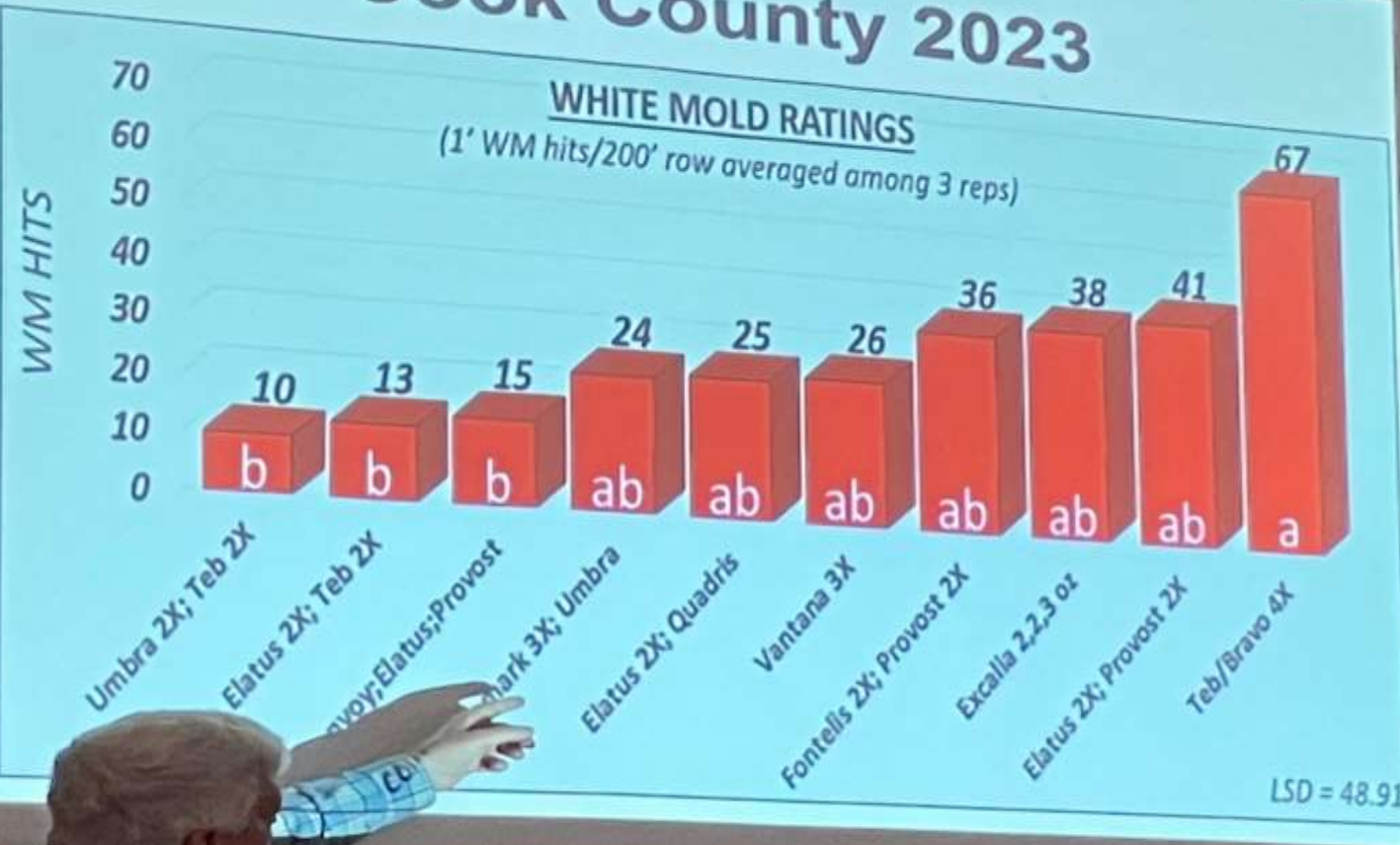
- Use a four block spray program and 1 pint of chlorothalonil in fields where known heavy infestations of white mold, limb rot, or leaf spot have occurred.
- A regularly scheduled leaf spot program should both precede and follow all Umbra spray programs.
- A pint of chlorothalonil should be used with all applications of Umbra to reduce the risk of resistance and enhance overall leaf spot control.

# Umbra Spray Program

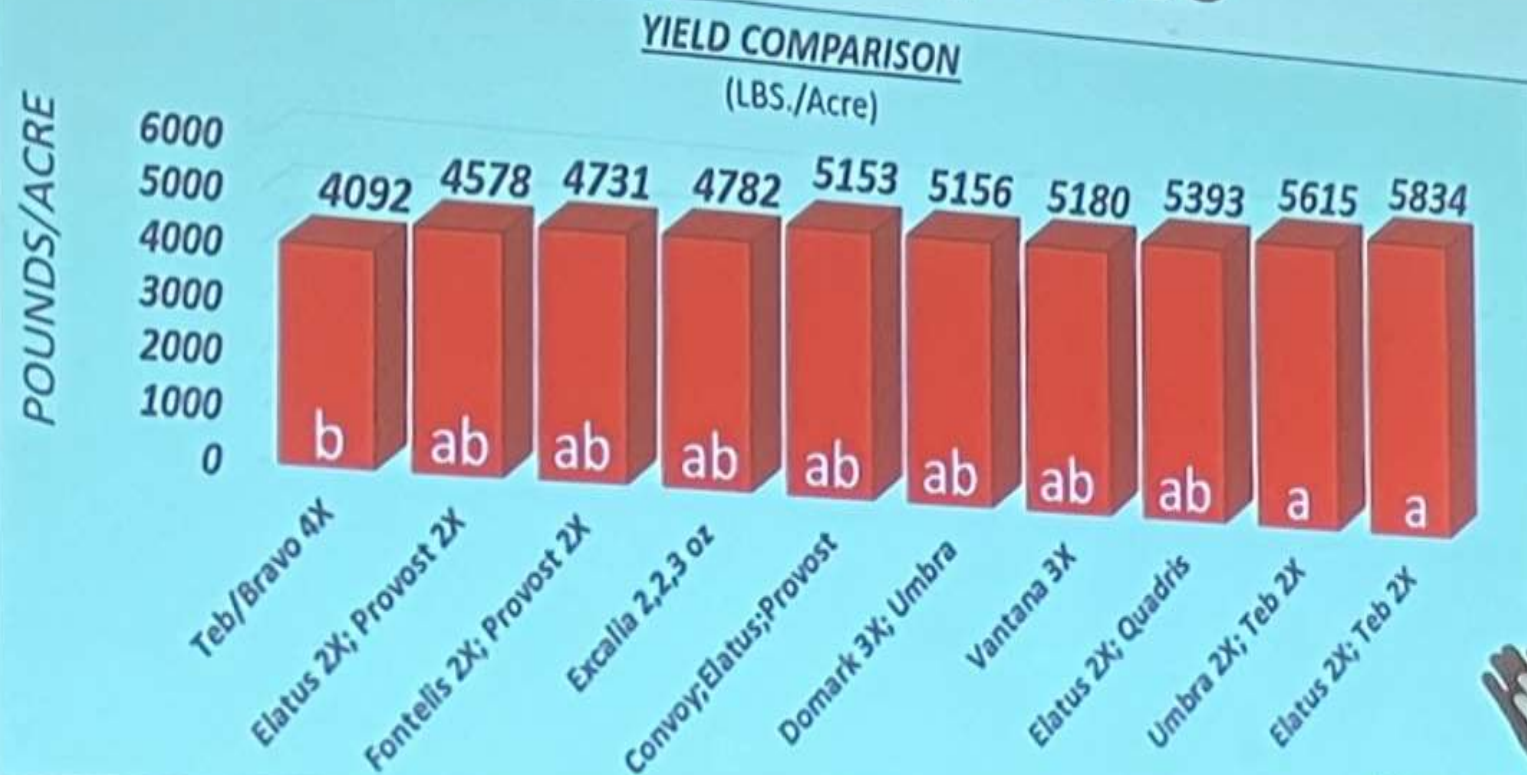
PROGRAMS	LEAF SPOT		LEAF SPOT / WHITE MOLD / LIMB ROT				LEAF SPOT
	30	45	60	75	90	105	
<b>LOW RISK</b>	Chlorothalonil 1.5 pt	Chlorothalonil 1.5 pt	<b>UMBRA</b> 13-16 fl oz + Chlorothalonil 1 pt	<b>UMBRA</b> 13-16 fl oz + Chlorothalonil 1 pt	<b>UMBRA</b> 13-16 fl oz + Chlorothalonil 1 pt	<b>UMBRA</b> 13-16 fl oz + Chlorothalonil 1 pt	Chlorothalonil 1.5 pt
<b>MEDIUM RISK</b>	Chlorothalonil 1.5 pt	Chlorothalonil 1.5 pt	<b>UMBRA</b> 16-18 fl oz + Chlorothalonil 1 pt	<b>UMBRA</b> 16-18 fl oz + Chlorothalonil 1 pt	<b>UMBRA</b> 16-18 fl oz + Chlorothalonil 1 pt	<b>UMBRA</b> 16-18 fl oz + Chlorothalonil 1 pt	Chlorothalonil 1.5 pt
<b>HIGH RISK</b>	Priaxor 6 fl oz		<b>UMBRA</b> 30-36 fl oz + Chlorothalonil 1 pt OR 5 lb Microthiol Disperss	Tebuconazole 7.2 fl oz + Chlorothalonil 1 pt OR Priaxor 6-8 fl oz	<b>UMBRA</b> 30-36 fl oz + Chlorothalonil 1 pt OR 5 lb Microthiol Disperss	Tebuconazole 7.2 fl oz + Chlorothalonil 1 pt	Chlorothalonil 1.5 pt



# Cook County 2023

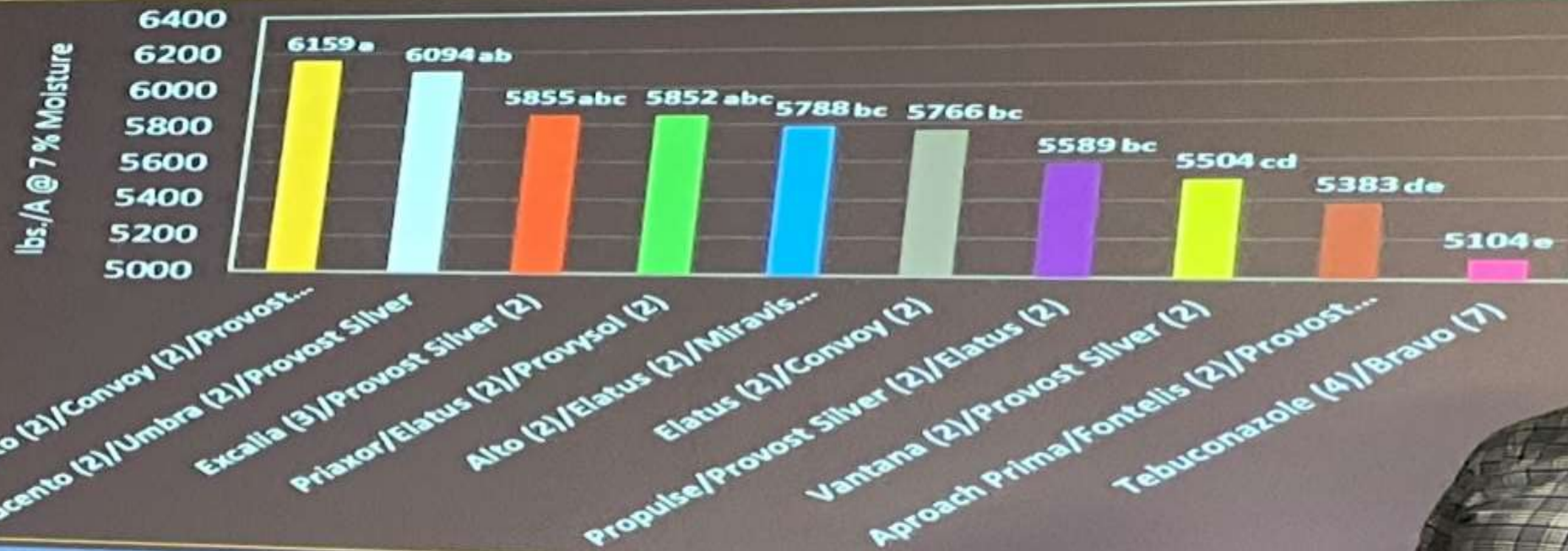


# Cook County 2023



LSD = 1496.4

# Bulloch County/Stilson Farms Dryland Peanut Fungicide Trial – Yield



# DISEASE CONTROL FOR ROBUST YIELDS

The combination of LUCENTO® Fungicide and CONVOY® Fungicide in a program approach will deliver season-long control of key peanut diseases including leaf spot, white mold, and limb/pod rot. The excellent efficacy of both products enhances the performance of disease control to deliver healthy peanuts and high yields.



Lucento provides a dual mode-of-action, delivering broad spectrum control of early and late leaf spot diseases as well as *Sclerotium rolfsii* (white mold/southern stem rot).

- > Excellent systemic action and long-lasting residual that moves throughout the entire plant
- > Reduces the dependence on at-risk fungicides like strobilurins and helps manage resistance risk
- > Provides preventative and curative activity for improved protection against fungal pathogens



Convoy is the industry standard for controlling *Sclerotium rolfsii* (white mold/southern stem rot) and *Rhizoctonia solani* (limb/pod rot).

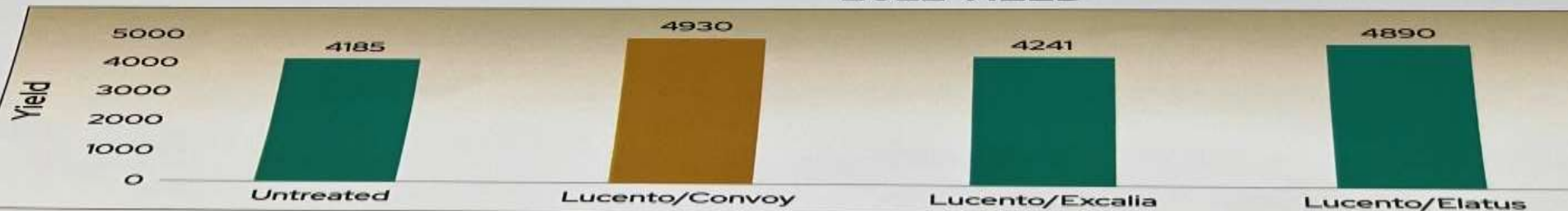
- > Systemic action, providing superior protection both above and below ground
- > Long-lasting residual control
- > Strong soil persistence allows the product to last longer for an activating irrigation or rainfall

## LUCENTO PLUS CONVOY SPRAY PROGRAM

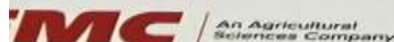
Days After Planting	30 Days	45 Days	60 Days	75 Days	90 Days	105 Days	120 Days
Low to Medium Risk		LUCENTO 5.5 fl oz/A	CONVOY 20-26 fl oz/A + Chlorothalonil 1.5 pt/A	LUCENTO 5.5 fl oz/A	CONVOY 20-26 fl oz/A + Chlorothalonil 1.5 pt/A	Tebuconazole 7.2 fl oz/A + Chlorothalonil 1 pt/A	Chlorothalonil 1.5 pt/A
High Risk		LUCENTO 5.5 fl oz/A	CONVOY 26-32 fl oz/A + Chlorothalonil 1.5 pt/A	LUCENTO 5.5 fl oz/A	CONVOY 26-32 fl oz/A + Chlorothalonil 1.5 pt/A	Provost Silver 11-13 fl oz/A	Chlorothalonil 1.5 pt/A

- Use the higher rate of CONVOY in fields with a history of heavy infestations of white mold or limb rot.
- To add foliar disease control, tank mix CONVOY with a full rate of a leaf spot product such as 1.5 pints of chlorothalonil.
- Maximum use rate of LUCENTO: 5.5 fl oz/A

## 2022 YIELD



Summary of 5 Trials:  
 Bob Kemeraite, UGA  
 Albert Culbreath, UGA  
 Tim Brenneman, UGA  
 Amanda Scherer, Auburn  
 Ian Small, UF



# **PORTAL<sup>®</sup>**

**MITICIDE/INSECTICIDE**

- **Active ingredient: Fenpyroximate**
- **Crops: Low bush berry, Citrus, Cotton, Fruiting vegetables, Field corn, Potato, Snap bean**
- **IR4 – Label expansion to included Peanuts for mite control**
- **Rates: 1 – 4 pints/acre**
- **Max use rates and number of allowable sprays per year vary by crop group**
- **Pests controlled: Mites (many species), Whitefly, Asian citrus psyllid, Tomato/potato psyllid, Leafhoppers, Mealybugs, Powdery mildew (contact only)**

# Questions?

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## HERBICIDE/DEFOLIANT

- Active Ingredient: Pyraflufen ethyl
- Use: Primarily used as a cotton defoliant
- Can be tank mixed with glyphosate for quick burn down and hard to control weeds
- Rate: Fallow field weed burn down 2 fl oz/acre
- 2023 UGA county cotton defoliation trials showed no difference in lint value between 12 oz/a Folex 54.65 cents/lb and 1.5 oz/a ET 54.67 cents/lb

VARIABLE RATE TEMPERATURE RANGES	
Temperature Range	Rate Recommendation for ET
90° +	.50 fl oz
85° to 90°	.75 fl oz
80° to 85°	1.0 fl oz
75° to 80°	1.5 fl oz



- Active Ingredient: Pyriproxyfen
- Formulation: Suspension Concentrate (SC)
- EPA registration for use in ornamental crops in 2014 under the name Rycar
- IRAC group 9B Chordotonal organ disruptor
- Controls whitefly and aphids - quickly stops feeding
- Crops: Fruiting vegetable, Cucurbits, Cotton, Leafy vegetables, Tree nuts, Tuberos and Corm vegetables (potato)
- 365 day plant back for nonlabelled crops
- Low to Moderate whitefly pressure use 2.4 fl oz Moderate to High pressure 3.2 fl oz – Extreme pressure respray within 7 days





- Active ingredient: Tolfenpyrad
- **IRAC group 21A**
- **FRAC group 39**
- Crops: Leafy vegetables, Brassica, Cucurbits, Fruiting vegetable, Potato
- Rates: 14 -21 fl oz/acre
- Max use rates and number of allowable sprays per year vary by crop group
- Pests controlled: Aphids, Flea beetle, Leafhoppers, Thrips, Pepper weevil, Diamond back moth, suppression of many worms, Colorado potato beetle, Potato psyllid
- Powdery mildew, Downey mildew (both contact only)

- Powdery Mildew only
- FRAC Group: U13
  - Novel and Unknown Mode of Action
  - Only product in this group
- No cross resistance with any other MOA
- Contact and Translaminar Fungicide
- 2018 Crops include Strawberry, Cucumber, Summer Squash, Cantaloupe, Apple, Cherry, Grape
- 2020 Crops approved: Watermelon, Pumpkin, and Hops

