

## 2007 Calhoun County Fungicide Trial Report to the Georgia Peanut Commission

During the 2007 growing season several fungicide treatments were evaluated for their control of foliar (leaf spot) and soil borne (white mold and rhizoctonia limb, pod, and peg rot). The protocol used for each treatment is shown in the table below. All applications were ground applied by the grower and applied on a 14 day interval beginning 30 days after planting.

<b>Tilt-Bravo/Abound Brown</b>	1.5 pts TiltBravo		1.5 pts Tilt Bravo	Abound 18.5 oz	1 1/2 pt Bravo	Abound 18.5 oz	1 1/2 pt Bravo	1 1/2 pt Bravo	
<b>4 Block Tebuzol Green</b>	Bravo 1 1/2 pt/ac		Bravo 1 1/2 pt/ac	Folicur 7.2 oz	Folicur 7.2 oz	Folicur 7.2 oz	Folicur 7.2 oz	1 1/2 pt Bravo	
<b>Provost Red</b>		9 oz Headline		8 oz Provost	8 oz Provost	8 oz Provost	8 oz Provost	1 1/2 pt Bravo	
<b>Headline/Provost/Abound White</b>		9 oz Headline		8 oz Provost	8 oz Provost	18.5 oz Abound	1 1/2 pt Bravo	1 1/2 pt Bravo	
<b>Headline/ Provost Blue</b>		9 oz Headline		8 oz Provost	12 oz Headline	8 oz Provost	1 1/2 pt Bravo	1 1/2 pt Bravo	
<b>Artisan Yellow</b>	1 1/2 pt Tilt Bravo		1 1/2 Pt Tilt Bravo	1 qt Artisan	1 1/2 pt Bravo	1 qt Artisan	1 1/2 pt Bravo	1 1/2 pt Bravo	
<b>Check Orange</b>	1 1/2 pt Bravo		1 1/2 Pt Bravo	1 1/2 pt Bravo	1 1/2 pt Bravo	1 1/2 pt Bravo	1 1/2 pt Bravo	1 1/2 pt Bravo	

The plots were 18 rows wide. At harvest the center 6 rows of each plot were given ratings for disease control and harvested. Listed in the table below are the disease control ratings and the yield for each treatment.

Treatment	L Spot	W Mold	Rhizoc	Yield
Bravo	1.57 ab	6.67 a	2.67 a	5215.0 a
Provost	1.27 b	3.33 bc	3.50 a	5676.0 a
Headline/Provost	1.33 b	2.33 c	4.17 a	5461.7 a
Tebuzol	2.60 a	5.00 ab	4.00 a	5109.7 a
Tilt/Bravo/Abound	1.23 b	3.33 bc	2.67 a	5427.7 a
Headline/Provost/Abound	1.07 b	2.33 c	2.83 a	5285.3 a
Artisan	1.07 b	3.33 bc	3.17 a	5583.7 a

This study was made possible by a grant from the Georgia Peanut Commission and support from the following companies.

- Bayer Crop Science – Herb Young and Bert Crosson
- Syngenta – James Hadden and Mike Wood
- BASF – Sandy Newell and Tom Chestnut
- Nichino – Wayne Brown
- UPI - Rex Turner