

2008 Calhoun County Fungicide Trial Report to the Georgia Peanut Commission

During the 2008 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.

Program	1	1A	2	3	4	5	6	7
Tilt-Bravo/ Abound	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
4 Block Folicur	Bravo 1 1/2 pt/ac		Bravo 1 1/2 pt/ac	Folicur 7.2 oz + 1 pt Bravo	Folicur 7.2 oz + 1 pt Bravo	Folicur 7.2 oz + 1 pt Bravo	Folicur 7.2 oz + 1 pt Bravo	1 1/2 pt Bravo
Provost (8 oz)		9 oz Headline		8 oz Provost	8 oz Provost	8 oz Provost	8 oz Provost	1 1/2 pt Bravo
Convoy	1 1/2 pt Tilt Bravo		1 1/2 Pt Tilt Bravo	1 pt Convoy + 1 1/2 pt Bravo	1 pt Convoy + 1 1/2 pt Bravo	1 pt Convoy + 1 1/2 pt Bravo	1 pt Convoy+ 1 1/2 pt Bravo	1 1/2 pt Bravo
Check	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
Headline/Convoy		9 oz Headline		1 pt Convoy	12 oz headline	1 pt Convoy + 1 1/2 pt Bravo	1 pt Convoy+ 1 1/2 pt Bravo	1 1/2 pt Bravo
Headline/ Folicur		9 oz headline		7.2 oz Folicur + 1 pt Bravo	12 oz Headline	7.2 oz Folicur + 1 pt Bravo	7.2 oz Folicur + 1 pt Bravo	1 1/2 pt Bravo
Evito	1 1/2 pt Tilt Bravo		1 1/2 Pt Tilt Bravo	5.7 oz Evito	1 1/2 pt Bravo	5.7 oz Evito	1 1/2 pt Bravo	1 1/2 pt Bravo
Provost (10.7 oz)		9 oz Headline		10.7 oz Provost	10.7 oz Provost	10.7 oz Provost	10.7 oz Provost	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	Leafspot / Sep	Leafspot / Oct	White Mold	Yield
Evito	3.667 a	3.833 a	27 b	5277.3 bcd
4 Block Folicur	2.75 bc	3.0 ab	14.7 b	5722.3 abc
Headline/ Folicur	1.083 d	1.75 c	18.7 b	5692 abc
Convoy	2.833 b	3.333 ab	19.7 b	5450.7 abcd
Check	3.083 ab	3.5 a	56 a	4677.3 d
Headline/ Convoy	2.833 b	3.167 ab	14.3 b	5735.3 abc
Tilt Bravo/ Abound	2.167 c	2.167 bc	14.7 b	5947 ab
8 oz Provost	1.333 d	1.417 c	17.0 b	6105.3 a
10.7 oz Provost	1.167 d	1.0 c	10.0 b	5930 ab

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
- Bob Kemeraït – UGA