

# Brannen Family Farms Irrigated Peanut Fungicide Trial

## Bulloch County Extension

Cooperators: Jackie, Ryne, Jamie and Sean Brannen

Planted: 27 April 2021

Harvested: 1 & 2 October 2021

Variety: GA-06G

DAP Trt. Date	51 16 June 21	65 30 June 21	79 14 July 21	92 27 July 21	108 12 Aug 21	127 31 Aug 21
Sipcam	Echo 1.5 pt	Tebustar 7.2 fl oz Echo 1 pt	Tebustar 7.2 fl oz Chlorothalonil 1 pt	Tebustar 7.2 fl oz Chlorothalonil 1 pt	Tebustar 7.2 fl oz Chlorothalonil 1 pt	Chlorothalonil 1.5 pt
Bayer	Mazinga 32 fl oz	Elatus 7.3 oz	Provost Silver 13 fl oz	Elatus 7.3 oz	Provost Silver 13 fl oz	Chlorothalonil 1.5 pt
FMC	Lucento 5.5 fl oz	Convoy 32 fl oz Echo 1.5 pt	Lucento 5.5 fl oz	Elatus 9.5 oz	Provost Silver 12 fl oz	Chlorothalonil 1.5 pt
Corteva	Aproach Prima 6.8 fl oz Tebustar 7.2 fl oz Echo 1 pt	Fontelis 16 fl oz	Elatus 9 oz	Fontelis 16 fl oz	Tebustar 7.2 fl oz Chlorothalonil 1 pt	Fontelis 16 fl oz
Nichino	Priaxor 6 fl oz	Umbra 36 fl oz Microthiol Disperss Micronized 5 lb	Tebustar 7.2 fl oz Chlorothalonil 1 pt	Umbra 36 fl oz Microthiol Disperss Micronized 5 lb	Tebustar 7.2 fl oz Chlorothalonil 1 pt	Chlorothalonil 1.5 pt
Syngenta	Alto 5.5 fl oz Chlorothalonil 1 pt	Elatus 9.5 oz Miravis 3.4 fl oz		Elatus 9.5 oz Miravis 3.4 fl oz		Alto 5.5 fl oz Chlorothalonil 1.5 pt
BASF	Priaxor 6 fl oz	Excalia 3 fl oz Echo 1.5 pt	Provysol 3 fl oz Tebustar 7.2 fl oz	Excalia 3 fl oz Chlorothalonil 1.5 pt	Provysol 3 fl oz Tebustar 7.2 fl oz	Chlorothalonil 1.5 pt
Valent	Excalia 2 fl oz Echo 1.5 pt	Excalia 2 fl oz Echo 1.5 pt		Excalia 3 fl oz Chlorothalonil 1.5 pt	Tebustar 7.2 f oz Chlorothalonil 1.5 pt	Chlorothalonil 1.5 pt
Nichino/ Syngenta	Elatus 7.3 oz Echo 1.5 pt	Elatus 7.3 oz Echo 1 pt	Tebustar 7.2 fl oz Chlorothalonil 1.5 pt	Elatus 7.3 oz Chlorothalonil 1.5 pt	Convoy 24 fl oz Chlorothalonil 1.5 pt	Chlorothalonil 1.5 pt

Treatment	lbs/A @ 7 % Moisture	Leafspot Rating	White Mold Hits/200 row ft.
Tebustar 4x; Chlorothalonil 720 6x	6513 c	1	7
Mazinga 1x; Provost Silver 2X; Elatus 2x; Chlorothalonil 720 1X	6054 f	1	21
Lucento 2x; Convoy 1x; Elatus 1x; Provost Silver 1x; Chlorothalonil 720 1x	6342 c	1.1	31
Aproach Prima 1x; Fontelis 3x; Elatus 1x; Tebustar 2x; Chlorothalonil 720 2x	6070 ef	1.1	12
Priaxor 1x; Umbra 2x; Tebustar 2x; Chlorothalonil 720 3x; Microthiol Disperss Micronized Sulfur 2x	6226 de	1	32
Alto 2x; Elatus 2x; Miravis 2X; Chlorothalonil 720 2x	6563 bc	1.2	20
Priaxor 1x; Provysol 2x; Excalia 2x; Tebustar 2x; Chlorothalonil 720 3x	6756 a	1	14
Excalia 3x; Tebustar 1x; Echo 2x; Chlorothalonil 720 4x	6748 a	1	12
Elatus 3x; Convoy 1x; Tebustar 1x; Chlorothalonil 720 4x	6695 a	1	13

## Summary 2021 Bulloch County Peanut Fungicide Trial

TRMT	Fungicides	Avg WM	Rank	Avg Yield/A	Rank	Fungicide + App Cost/A	Profit/A	Rank
1	Tebustar 4x; Chlorothalonil 720 6x	7	1	6513 c	5	\$45.89	\$1110.17	1
2	Mazinga 1x; Provost Silver 2X; Elatus 2x; Chlorothalonil 720 1X	21	6	6053 f	9	\$120.55	\$974.11	8
3	Lucento 2x; Convoy 1x; Elatus 1x; Provost Silver 1x; Chlorothalonil 720 1x	31	7	6341 c	6	\$116.73	\$1008.80	6
4	Aproach Prima 1x; Fontelis 3x; Elatus 1x; Tebustar 2x; Chlorothalonil 720 2x	12	3	6069 ef	8	\$127.63	\$960.87	9
5	Priaxor 1x; Umbra 2x; Tebustar 2x; Chlorothalonil 720 3x; Microthiol Disperss Micronized Sulfur 2x	32	8	6226 de	7	\$115.22	\$990.60	7
6	Alto 2x; Elatus 2x; Miravis 2X; Chlorothalonil 2x	6	2	6563 bc	4	\$115.67	\$1044.84	5
7	Priaxor 1x; Provysol 2x; Excalia 2x; Tebustar 2x; Chlorothalonil 720 3x	14	5	6756 a	1	\$120.95	\$1078.24	3
8	Excalia 3x; Tebustar 1x; Echo 2x; Chlorothalonil 720 4x	12	3	6746 a	2	\$84.24	\$1109.89	2
9	Elatus 3x; Convoy 1x; Tebustar 1x; Chlorothalonil 720 4x	13	4	6695 ab	3	\$112.03	\$1076.34	4

*Profit = USDA loan rate (\$355/ton) – fungicide cost*

**Cooperators: Brannen Family Farms/Jackie, Ryne, Jamie & Sean Brannen**



**Bulloch County**