

Stilson Farms Dryland Peanut Fungicide Trial

Bulloch County Extension

Cooperator: Wade and Matt McElveen

Planted: 7 May 2020

Harvested: 20 October 2020

Variety: GA-06G

Treatment	5/7/2020	6/22/2020 (46 DAP)	7/6/2020 (60 DAP)	7/20/2020 (74 DAP)	8/3/2020 (88 DAP)	8/17/2020 (102 DAP)	9/02/2020 (118 DAP)
1	6.5 oz/a Velum Prime	5.5 oz/a Lucento	9.5 oz/a Elatus	5.5 oz/a Lucento (7/27/20)	9.5 oz/a Elatus		1.5 pts/a Echo 720
2	6.5 oz/a Velum Prime	3.5 oz/a Absolute Max	13.7 oz/a Propulse	13 oz/a Provost Silver	7.3 oz/a Elatus	13 oz/a Provost Silver	1.5 pts/a Echo 720
3		1.5 pts/a Echo 720	32 oz/a Muscle ADV	32 oz/a Muscle ADV	32 oz/a Muscle ADV	32 oz/a Muscle ADV	1.5 pts/a Echo 720
4		6 oz/a Priaxor	36 oz/a Umbra + 1 pt/a Echo 720	32 oz/a Muscle ADV	36 oz/a Umbra + 1 pt/a Echo 720	32 oz/a Muscle ADV	1.5 pts/a Echo 720
5		5.5 oz/a Lucento	32 oz/a Convoy + 1.5 pts/a Echo 720	5.5 oz/a Lucento	9.5 oz/a Elatus	32 oz/a Muscle ADV	1.5 pts/a Echo 720
6		6.8 oz/a Approach Prima + 32 oz/a Muscle ADV	16 oz/a Fontelis	16 oz/a Fontelis	16 oz/a Fontelis	32 oz/a Muscle ADV	1.5 pts/a Echo 720
7		7.3 oz/a Elatus	7.3 oz/a Elatus + 3.4 oz/a Miravis		7.3 oz/a Elatus + 3.4 oz/a Miravis		1.5 pts/a Echo 720
8		6 oz/a Priaxor	32 oz/a Convoy + 5.0 oz/a Provysol	6 oz/a Priaxor	32 oz/a Convoy + 5.0 oz/a Provysol	32 oz/a Muscle ADV	1.5 pts/a Echo 720

Treatment	Yield lbs/A @ 10.0 % Moisture	White Mold Hits (200 ft/row)	Leafspot Rating
5	3640 a	14.3 c	1
7	3500 ab	20.0 bc	1.1
4	3453 ab	14.2 c	1.1
1	3430 abc	23.3 abc	1
2	3285 bc	29.3 ab	1.1
8	3284 bc	14.3 c	1
6	3203 cd	27.2 ab	1
3	3026 d	34.0 a	1



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Summary 2020 Bulloch County Peanut Fungicide Trial

<u>TRMT</u>	<u>Fungicides</u>	<u>Avg WM</u>	<u>Rank</u>	<u>Avg Yield/A</u>	<u>Rank</u>	<u>Fungicide + App Cost/A</u>	<u>Profit/A</u>	<u>Rank</u>
1	Velum Prime IF; Elatus 2X; Lucento 2X; Echo 720 1X	23.3	4	3430	4	\$128.04	\$480.74	5
2	Velum Prime IF; Propulse 1X; Provost Silver 2X; Elatus 1X; Echo 720 1X	29.3	6	3285	5	\$148.72	\$434.29	7
3	Muscle ADV 4X; Echo 720 2X	34.0	7	3026	8	\$51.80	\$485.31	4
4	Priaxor 1X; Umbra 2X; Muscle ADV 2X; Echo 720 3X	14.2	1	3453	3	\$112.36	\$500.55	3
5	Lucento 2X; Convoy 1X; Elatus 1X; Echo 720 2X	14.3	2	3640	1	\$101.61	\$544.44	1
6	Approach Prima 1X; Fontelis 3X; Muscle ADV 2X; Echo 720 1X	27.2	5	3203	7	\$107.26	\$461.33	6
7	Elatus 3X; Miravis 2X; Echo 720 1X	20.0	3	3500	2	\$95.75	\$525.43	2
8	Priaxor 2X; Provysol 2X; Convoy 2X; Muscle ADV 1X; Echo 720 1X	14.3	2	3284	6	\$149.86	\$433.05	8

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

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