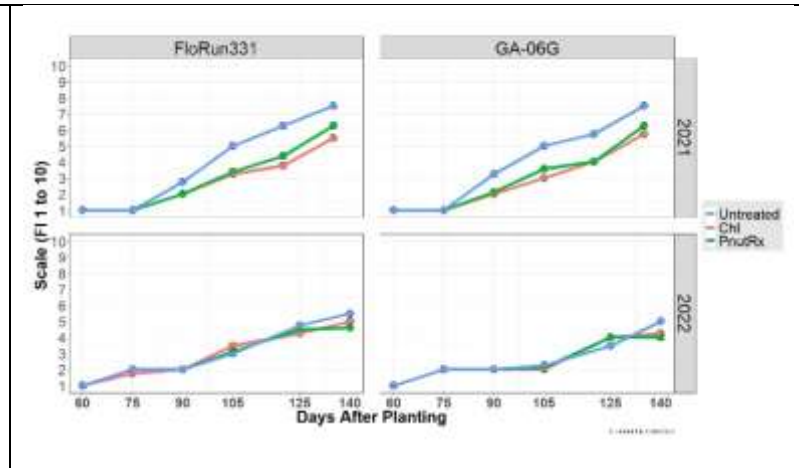
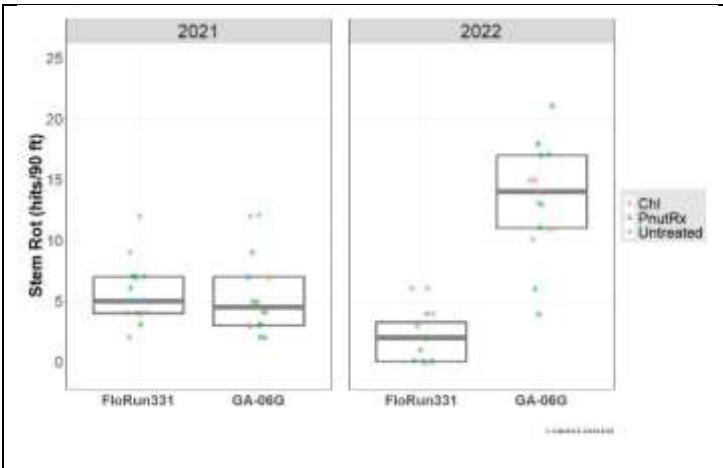


Fungicides for Management of Peanut Diseases (2023)

MOA*	Active Ingredient (%)	Product/Trade name	PHI** (days)	Rate/A (fl oz)	Disease +
11	pyraclostrobin 23.6%	Headline	14	6-15	Leaf spot, Pepper spot, Rust, Web blotch, Limb/Pod rot, Southern stem rot, Southern blight, White mold
	fluoxyastrobin 40.3%	Evito 480 SC	14	5.7	Leaf spot, Rust, Stem rot, White mold, Southern blight, Limb rot
	azoxystrobin 22.9%	Abound & Many Generics	14	12-24.5	White mold & Rhizoctonia limb rot; Resistance detected to one leaf spot pathogen.
3	flutriafol 11.8%	Topguard	7	7-14	Early leaf spot, Late leaf spot, Peanut rust, Leaf scorch/Pepper spot, Web blotch. Suppression White mold/Southern stem rot
	propiconazole	Tilt	14 to 21	2.5-8	Early leaf spot (2.5 to 4 fl oz); Late leaf spot, Rust, Web blotch (4 fl oz); Southern stem rot (4 to 8 fl oz). Note: Residue level restrictions associated with this product.
	prothioconazole 41.0%	Proline	14	5.7	Sclerotium rot, White Mold, Southern Blight, Rhizoctonia Limb Rot, Early leaf spot, Late leaf spot, Cylindrocladium Black Rot (CBR)
	mefentrifluconazole 34.93%	Provysol	14	2.5-7	Leaf spot, Rust, White mold, Limb/ Pod rot, Southern Blight, Southern Stem rot
	prothioconazole 19% tebuconazole 19%	Provost Silver	14	11-13	Leaf spot, Rust, Web Blotch, Leaf scorch, Pepper spot, White mold, Southern blight, Southern stem rot, Sclerotinia blight, Limb Rot
	cyproconazole 8.9%	Alto	30	5.5	Leaf spot, Rust, Web blotch, Southern stem blight, Limb rot
	tebuconazole 38.7%	Many Generics	14	7.2	Leaf spot, Rust, Web Blotch, Leaf scorch, Pepper spot, White mold, Southern blight, Southern stem rot, Sclerotinia blight, Limb Rot
	tetraconazole 20.5%	Domark 230ME	14	5.25-6.9	Leaf spots, Web blotch, Rust
M	chlorothalonil	Bravo, Echo & Many generics	14	16-24	Leaf spots
	mancozeb	Manzate & Many Generics	14	1-2 lbs	Leaf spots
	Sulfur	Microthiol & Many Generics	--	3-5 lbs	Leaf spots when mixed with other products (5 lb rate most consistent)
1	thiophanate-methyl	Topsin, Incognito & many generics	14	10	Leaf spots
7	fluopyram 41.5%	Velum	7	6.5-6.84	Aspergillus crown rot, Early leaf spot, Late leaf spot, Nematodes, White mold
	flutolanil 40%	Convoy	40	10-32	White mold, Southern stem rot, Southern blight, Limb/ Pod rot
	inpyrfluxam 31.25%	Excalia	40	2-4	Leaf spot, White mold, Southern blight, Southern stem rot, Sclerotinia blight, Limb/Pod rot
	pydiflumetofen 18.3%	Miravis	14	3.4	Leaf spot, Pepper spot, Web blotch
	penthiopyrad 20.4%	Fontelis	14	24	Leaf spot, Leaf scorch, Pepper spot, Limb/Pod rot, Rust, Southern stem blight, White mold, Web blotch
3	tebuconazole 22.63%	Absolute Maxx	14	3.5-7	Leaf spot, Rust, Web Blotch, White mold, Limb Rot
11	trifloxystrobin 22.63%				
3	cyproconazole 7.17%	Approach Prima	30	5-6.8	Leaf spot, Rust, Web blotch
11	picoxystrobin 17.94%				
M5	chlorothalonil 30.51%	Muscle ADV	14	32	Leaf spots, White mold
3	tebuconazole 8.47%				
M5	chlorothalonil 27.69%	Andiamo Advance	14	32	Leaf spot, Web blotch, Rust
3	tetraconazole 2.09%				
7	benzovindiflupyr 15%	Elatus	30	7.3-9.5	Leaf spot, Pepper spot, Rust, Southern stem rot, Web blotch, Limb rot, White mold (suppression only)
11	azoxystrobin 30%				
7	fluxapyroxad 14.33%	Priaxor	14	4-8	Leaf spot, Rust, White mold (8 fl oz rate)
11	pyraclostrobin 28.58%				
3	flutriafol 26.47%	Lucento	14	5.5	Leaf spot, Rust, Web blotch, Pepper spot White mold, Southern stem rot, Southern blight, Limb/ Pod rot
7	bixafen 15.55%				
3	prothioconazole 17.4%	Propulse	14	13.6	Leaf spot, Rust, Sclerotinia blight, Limb/ Pod rot, White mold, Southern blight, Southern stem rot
7	fluopyram 17.4%				
3	flutriafol 4%	Umbra	40	12-38	White mold, Southern stem rot, Southern blight, Limb/Pod rot, Leaf spot, Rust, Web Blotch
7	flutolanil 32.4%				
29	fluazinam 39.9%	Vantana	30	16-24	White mold, Southern Blight
P07	phosphorous acid 56%	Kphite 7LP	0	32-96	Early leaf spot, Late leaf spot, Pod rot (Phytophthora and Pythium). Note: Residue level restrictions associated with this product.
U10	dodine 39.6%	Elast 400 Flowable	14	14.4-24	Early leaf spot and Late leaf spot

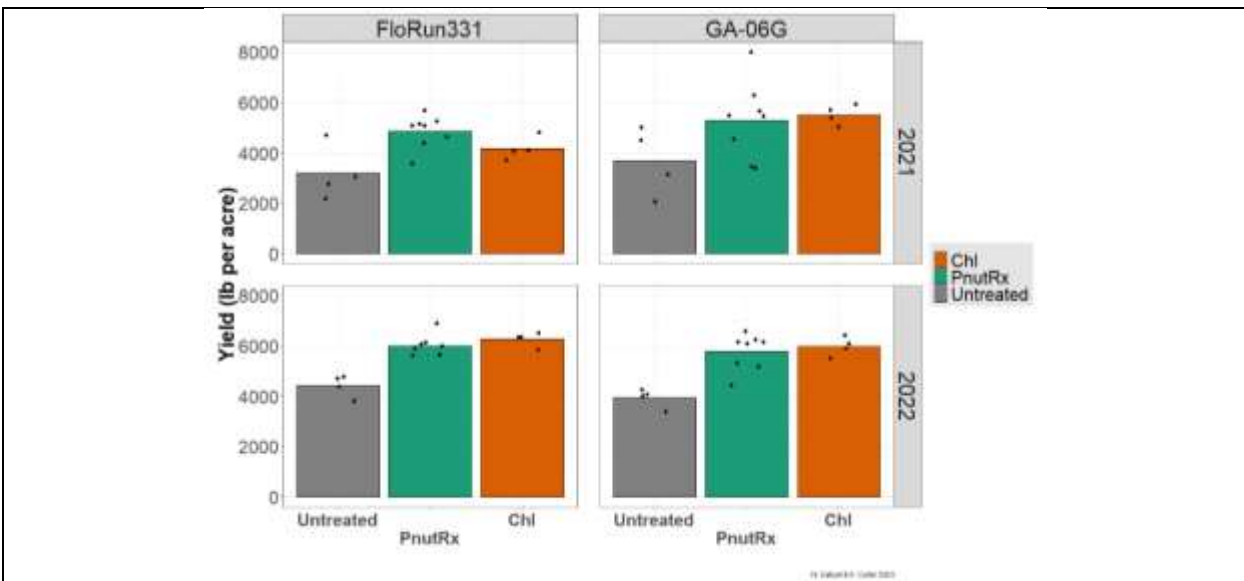
Note: Above is a list of many fungicide products but does not include all possible fungicides. Many generic products are available for various fungicide active ingredients. Further information on products can be obtained from your local UF/IFAS Extension office.

		Numbers in parentheses show fl oz or oz per acre of product							
Date	20-May	19-Jun	5-Jul	22-Jul	3-Aug	18-Aug	2-Sep	17-Sep	7-Oct
Act DAP	0	30	46	63	75	90	105	120	140
	InFurrow	Leaf Spot	Leaf Spot	Stem Rot	Leaf Spot	Stem Rot/Limb Rot	Leaf Spot	Leaf Spot	Harvest
TRT ID	Trt #	1	2	3	4	5	6	7	
Untreated	1	Velum (6.5)							
Chl	2	Velum (6.5)	Chloro. (24)	Chloro. (24)	Chloro. (24)	Chloro. (24)	Chloro. (24)	Chloro. (24)	Chloro. (24)
PnutRx	3	Velum (6.5)		Chloro. (16) + Teb (7.2)	Miravis (3.4) + Elatus (9.5)		Miravis (3.4) + Elatus (9.5)	Chloro (16)	Chloro (16) + Alto (5.5)
PnutRx	4	Velum (6.5)		Chloro (16) + Teb (7.2)	Chloro. (24) + Convoy (16)	Provysol(5) + Teb (7.2)	Chloro. (24) + Convoy (16)	Provysol(5) + Teb (7.2)	Chloro (16) +Topsin (10)



Variety resistance has is critical to reducing white mold/stem rot incidence. Fungicides reduced incidence compared to the untreated check, Peanut Rx lowest levels of incidence.

Fungicides, including chlorothalonil at 24 fl oz/a, all manage late leaf spot well, delaying defoliation of the canopy. Peanut Rx programs had the plots with the lowest disease.



Despite having similar leaf spot management, Peanut Rx programs had significantly higher yields than chlorothalonil (Chl) alone in the FloRun331, 2021 trial. Stem rot/white mold differences did not lead to yield impacts in 2022, however, FloRun331 did have numerically higher yields on average (331 lb/a) than Georgia-06G.

