

Combination products currently available for anthracnose control

Common name				Trade name(s)	FRAC code ^a	Efficacy ^b
Product 1	Product 2	Product 3	Product 4			
Azoxystrobin	chlorothalonil	—	—	Renown (Syngenta)	11 + M5	2.5
Azoxystrobin	propiconazole	—	—	Headway (Syngenta), Goliath (JPI)	11 + 3	3
Chlorothalonil	acibenzolar-S-methyl	—	—	Daconil Action (Syngenta)	M5 + P1	3
Chlorothalonil	iprodione	thiophanate-methyl	tebuconazole	Enclave (Quali-Pro)	M5 + 2 + 1 + 3	3.5
Chlorothalonil	propiconazole	—	—	Concert II (Syngenta)	M5 + 3	3
Chlorothalonil	thiophanate-methyl	—	—	ConSyst (Regal), Spectro (Nufarm), TMC (Quali-Pro)	M5 + 1	2.5
Fosetyl-AI	chlorothalonil	—	—	On-site tank-mix ^c	33 + M5	3.5
Fluoxastrobin	chlorothalonil	—	—	Fame C (FMC)	11 + M5	3
Fluoxastrobin	myclobutanil	—	—	Disarm M (FMC)	11 + 3	3
Fluoxastrobin	tebuconazole	—	—	Fame+T (FMC)	11 + 3	3
PCNB	tebuconazole	—	—	Oreon (AMVAC)	14 + 3	3.5 ^d
Pyraclostrobin	boscalid	—	—	Honor Intrinsic (BASF)	11 + 7	1/3 ^e
Pyraclostrobin	fluxapyroxad	—	—	Lexicon (BASF)	11 + 7	1/3 ^e
Trifloxystrobin	triadimefon	—	—	Tartan (Bayer)	11 + 3	2

Note. The list of products in this table is not intended to be complete. Other turf fungicide products/trade names containing the same active ingredients may also be available.

^aFRAC codes indicate the biochemical mode of action, according to the Fungicide Resistance Action Committee (www.frac.info/). M5 indicates multisite inhibitor, and P1 represents a plant defense-inducing product. NC, not classified.

^bEfficacy of fungicides labeled for the control of anthracnose based on a 1-4 scale, where 1 = inconsistent control, 2 = fair to good control, 3 = good to excellent control, and 4 = consistently good to excellent control in published studies (32). Additional combination products labeled for anthracnose control, but for which published data on effectiveness is limited, include: Heritage Action (azoxystrobin + acibenzolar-S-methyl, Syngenta), Briskway (azoxystrobin + difenoconazole, Syngenta), ZOXY-T and StrobeT (azoxystrobin + tebuconazole, ArmorTech and Quali-Pro, respectively), Instrata (chlorothalonil + fludioxonil + propiconazole, Syngenta), E-Pro ETQ (chlorothalonil + iprodione, SipcamAdvan), E-Scape ETQ (chlorothalonil + tebuconazole, SipcamAdvan), Exteris Stressgard (fluopyram + trifloxystrobin, Bayer), TMI (iprodione + thiophanate-methyl, ArmorTech), Interface Stressgard (iprodione + trifloxystrobin, Bayer), Pillar (pyraclostrobin + triticonazole, BASF), and SysStar (thiophanate-methyl + flutolanil, Regal).

^cRepresents an efficacious combination of two individual products (not currently sold as a combination product) that can be tank-mixed by turf managers on site.

^dDo not apply to cool-season turf when daytime temperatures are 85 F or higher. Add a pigment to Oreon (for example, PAR) to mask chlorosis, which may occur at the high label rate. After application, immediately irrigate with 0.25-inch water.

^eLower efficacy rating applies when fungicide-resistant isolates of *Colletotrichum cereale* are present.

Table 2. Combination products currently available for anthracnose control.