

GRAIN SORGHUM – SEEDLING DISEASES

Terry Spurlock

Disease	Product	Active Ingredient	FRAC Code	Rate/cwt	Comments
Commercial and Distributor-Applied Seed Treatments					
Pythium and Rhizoctonia diseases; fungal seed rots	Apron XL 3 SC	mefenoxam	4	0.32 - 1.64 fl oz	Pythium diseases.
	Vibrance 4.3 FS	sedaxane	7	1.16 - 2.32 g ai/seed	Rhizoctonia diseases.
	Maxim 4 FS	fludioxonil	12	0.08 - 0.16 fl oz	Rhizoctonia and Fusarium diseases.
Pythium diseases only	Vayantis 3.3 FC	picarbutrazox	U17	0.0384 – 0.384 fl. oz/cwt	

GRAIN SORGHUM – FOLIAR DISEASES

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Disease	Fungicide	Active Ingredient	FRAC Code*	Rate/Acre	Days to Harvest	Comments
Anthracnose, target spot and other foliar fungal diseases	Quadris 2.08 SC	azoxystrobin	11	6 - 15.5 fl oz	14	University trials have shown the best timing to be boot to early heading, and up to 50% flowering.
	Aproach 2.08 SC	picoxystrobin	11	6 - 12 fl oz	Do not apply after flowering.	
	Headline 2.09 SC	pyraclostrobin	11	6 - 12 fl oz	Apply no later than 25% flowering.	
	Quilt Xcel 2.2 SE	azoxystrobin + propiconazole	11 + 3	10.5 - 14 fl oz	21 (grain)	Same timing as Quadris; use highest rates for severe disease pressure situations as above.
	Topguard EQ 4.5 FL	azoxystrobin + flutriafol	11 + 3	5 - 7 fl oz	Do not apply within 30 days of harvest for stover, forage or grain.	Do not apply more than two applications per year.
	Priaxor 4.17 SC	pyraclostrobin + fluxapyroxad	11 + 7	4 - 8 fl oz	21	Do not apply more than 8 fl oz per season.
	Miravis Neo 2.5 SE	pydiflumetofen + azoxystrobin + propiconazole	7 + 3 + 11	13.7 fl oz	21 grain, 30 forage	

***FRAC Code** – Fungicides with the same FRAC Code have the same mode of action. See <http://www.frac.info/> for an explanation of the FRAC Codes. Rotation of fungicides with different FRAC Codes could minimize the development of fungicide resistant strains.