Corn (Field) and Sorghum SEED TREATMENT

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Chemical	Application	Dosage ¹	Control ² of Seedling Blights ³	Remarks	
Azoxystrobin Dynasty, 9.6%	Slurry	0.0688 fl oz / 80,000 kernel count unit	Х	Use only in combination with labeled rates of Maxim and Apron XL products.	
Captan The following captan products are registered for seed treatment of corn and sorghum: Captan - Diazinon Seed Treater, 36.67% Methoxychlor, 70.9% Kernel Guard, 14.67% (corn only) Nu-Gro Captan 4000, 38.7% Sorghum Guard, 32.75%	See individual labels for rates of application, formulations, method of application and registered use.	See individual labels for amounts of formulated product to apply.	Х	Captan - Diazinon Seed Treater contains 25% diazinon insecticide. Kernel Guard contains 15% diazinon and 25% lindane. Sorghum Guard contains 16.6% lindane insecticide.	
Carboxin Vitavax 34, 34% Kernel Guard Supreme, 14%	Slurry Drill box	2-4 fl oz/cwt 1.5 oz/42lb	X X	Not registered for sorghum. May be used on seed previously treated with captan or thiram Kernel Guard contains 10.42% permethrin	
Fludioxonil +Mefenoxam Maxim XL, 21% : 8.4%	Water-based Slurry	.071 fl oz/80,000 kernel count unit of seed	Х	Controls seedling blights and fungi causing seed decay and damping off. For field corn.	
Ipconazole Vortex, 40.7%	Water-based Slurry	0.044 fl oz/cwt	Х	For protection against soil - borne and seed - borne diseases.	

¹Dosages for corn apply to field corn. Dosages for sweet corn vary with some products, and others are not registered for sweet corn, so consult the label for sweet corn information. Dosages are amount of formulated product to apply ²X = Product labeled for crop and disease; Blank = product not labeled for specific disease. ³Seedling blights due to various fungal infections of seed.

Corn (Field) and Sorghum (continued) SEED TREATMENT

	*	ED IREALMENT			
Chemical	Application	Dosage ¹	Control ² of Seedling Blights ³	Remarks	
Mancozeb Dithane DF Rainshield NT, 75%	Slurry	1.6-3.2 oz/bu field corn, 1.6-2.7 oz/bu sorghum	Х	X Dithane DF, F-45 and M-45 registered for seed treatment of field corn and sorghum, but not for seed treatment of sweet corn.	
Dithane F-45, 37%	Drill box or slurry	2.4-4.8 fl oz/bu field corn, 2.4-4.0 fl oz/bu sorghum	Х		
Dithane ST, 37%	Slurry or mist	2.4-4.8 fl oz/bu field corn 2.4-4.0 fl oz/bu sorghum	×		
Dithane M-45, 80% or Dithane WSP, 80%	Drill box or slurry	1.5-3.0 oz/bu field corn, 1.5-2.5 oz/bu sorghum	×		
	Drill box	3 oz/bu	X	Grain Guard and Grain Guard Plus	
Grain Guard, 50%			×	registered for sorghum only. Grain Guard Plus contains 18.75%	
Grain Guard Plus, 50%	Drill box	3 oz/bu		lindane insecticide.	
Manzate ProStick, 75%	Slurry	1.5-3 oz/bu corn, 1.5-2.5 oz/bu sorghum	×		
Penncozeb 80 WP, 80%	Drill box or slurry	1.5-3.0 oz/bu field corn	Х	Treated seed should be labeled,	
Penncozeb 75 DF, 75%	Drill box or slurry	1.5-2.5 oz/bu sorghum 1.6-3.2 oz/bu field corn 1.6-2.7 oz/bu sorghum	×	"must not be used for food, feed or oil purposes."	
Maneb Manex, 37%	Liquid or slurry	2.4-4.8 bu	х	Not registered for sorghum	
Mefenoxam Apron XL LS, 32.3%	Liquid or slurry	0.32-0.64 fl oz/cwt	х	For control of Pythium damping off only.	
Metalaxyl Allegiance FL, 28.35% or	Mist or slurry	0.375-0.75 fl oz/cwt- Sorghum	x	For control of Pythium damping off only.	
Dyna-Shield, 28.35% Acquire, 28.35%	Slurry Mist or slurry	0.75 fl oz/cwt-corn 0.75 fl oz/cwt-corn	X	Sinji	
Metalaxyl + PCNB + Carboxin Prevail, 3.12%:15%:15%	Drill box	3 oz/bu	х	Not registered for sorghum. Controls early season Pythium and Rhizoctonia.	
Pyraclostrobin Stamina, 18.4%	Slurry or Mist	0.38-0.76 fl oz/cwt	х		
Thiram 42-S Thiram, 42%	Liquid or slurry	1.5 fl oz/bu field corn 5.0 fl oz/cwt sweet corn 2 fl oz/bu sorghum	х		
Trifloxystrobin Trilex, 22%	Slurry or mist	0.32-0.64 fl oz/cwt	х		
			<u> </u>		

Dosages for corn apply to field corn. Dosages for sweet corn vary with some products, and others are not registered for sweet corn, so consult the label for sweet corn information. Dosages are amount of formulated product to apply 2X = Product labeled for crop and disease; Blank = product not labeled for specific disease.
3Seedling blights due to various fungal infections of seed.

Corn (Field) FOLIAR SPRAYS

FOLIAN STRATS								
Chemical (Fungicide Group)	Application ¹	Dosage ²	Disease Control³				Remarks	
(Fungicide Group)			Rust	Leaf Spots⁴				
Mancozeb (M3) Manzate ProStick, 75% Penncozeb 75DF	Slurry	1.5 lb/A 1-1.15 lb/A	X X	x x	Do not feed treated forage to livestock Do not apply more than 16 lb product per season. No not apply within 40 days of harvest			
Propiconazole (3) Tilt, Propimax, or Bumper, Propiconazole E-AG	Spray or fungigtion	4 fl oz/A for rusts 2-4 fl oz/A for Helminthosporium leaf blights 4 fl oz/A for Gray leaf spot and eye spot	Х	х	Resistance statement 3 ⁵ Do not apply to field corn and field corn grown for seed after silking. Do not apply more than 16oz/A per season. Do not apply to sweet corn within 14 days of harvest or field corn within 30 days of harvest. See label for restrictions on use for forage.			
Tebuconazole (3) Folicur, 38.7% Orius, 38.7%	Spray or fungigation	4-6 fl oz/A	х	х	See individual labels for spray schedule recommendations and pre-harvest intervals.			
Qols Azoxystrobin (11) Quadris, 22.9%	Spray or fungigation	6.2-9.2 fl oz/A rust 9.2-15.4 fl oz/A leaf spots	Х	x	Resistance statement 5 ⁵ Do not apply more than two sequential applications and do not apply more than 3.75 quarts per acre per season. For field, pop and sweet corn.			
Azoxystrobin (11) + Propiconazole (3) Quilt 7.0% : 11.7%	Spray or fungigation	7-14 fl oz/A	x	X	Resistance statement 3 ⁵ Field corn, popcorn and sweet corn. Alternate applications of Quilt with Tilt or another non-group 11 fungicide. For best disease control make applications after R1. PHI = 30 days.			
Pyraclostrobin Headline, 23.6%	Spray or fungigation	6-9 fl oz/A	X	Х	Apply prior to onset of disease. Apply at VT stage for optimal disease control. PHI= seven days. Maximum number of applications = six			
Qols + Triazole Trifloxystrobin (11) + Propiconazole (3) Stratego,	Spray or				Resistance statement 3 ⁵ and 5 ⁵ For optimum disease control, apply Stratego from VT to R2 stage of growth. Apply up to 30 days before harvest.			
11:4%:11.4%	fungigation	10-12 fl oz/A	Х	Х	i iai vest.			

¹Spray = ground or aerial, Fungigation = application through sprinkler irrigation system.
²Dosage = Amount of formulated product to apply.
³X = Product labeled for crop and disease; Blank = product not labeled for specific disease.
⁴Leaf spots includes fungal leaf diseases such as the Helminthosporium leaf blights on corn.
⁵See fungicide resistance management statements on pages 9 and 10.