

Quick Guide to Small Grain Seed Treatment Fungicides

	Benomyl	Captan	Carboxin	Difenoconazole	Fludioxonil	Imazalil	Mancozeb	Maneb	Mefenoxam	PCNB	Thiram	*TBZ	Tebuconazole	Triadimenol
Wheat Bunt	+		+	+			+	+		+	+	+	+	+
Wheat Loose Smut	+		+	+									+	+
Barley Loose Smut			+										+	+
Barley Covered Smuts			+				+	+		+	+		+	+
Oat Smut			+										+	+
Seedling Blights		+		+	+	+	+	+		+	+	+	+	+
Common Root Rot				+	+								+	+
Barley Stripe			+		+								+	
Take-all Root Rot				+										+
Pythium									+					

*TBZ=Thiabendazole
+ = Activity against disease.

Quick Guide to Row Crop Seed Treatment Fungicides

	Benomyl	Captan	Carboxin	Chloroneb	Fludioxonil	Hymexazolil	Mancozeb	Maneb	Mefenoxam	Metalaxyl	Oxadixyl	PCNB	Streptomycin	***TBZ	Thiram
Seedling Blights (most crops*)		+	+		+		+	+	***	***		+			+
Phytophthora Root Rot – Soybeans, Lentils									+	+	+				
Surface Bacteria – Dry Beans													+		
Pythium Seed Rot, Seedling Disease and Root Rot – Dry Beans, Soybeans, Sugarbeets, Chickpea, Pea									+	+	+				
Downy Mildew – Sunflower															
Safflower Rust			+				+					+			+
Rhizoctonia Root Rots – Dry Beans, Soybeans*			+	+								+			
Rhizoctonia Root Rot – Sugarbeets*				+	+							+			
Seed Borne Ascochyta – Chickpea														+	
Blackleg – Canola	+														
Aphanomyces, Pythium, – Sugarbeets						+									

*All products not registered for all crops — check NDSU Extension Circular PP-622 “Field Crop Fungicide Guide” for complete information on registration and label rates.
**Pythium only. Not registered for all crops.
+ = Activity against disease.
***TBZ= Thiabendazole

