

# Fungicide Effectiveness as Seed Treatments for Cereal Diseases

Current label control and suppression statements for commonly used small-grain seed treatments. <sup>1</sup>											
Host	Disease Common Name and (Genus)	Apron XL	Allegiance FL	Captan 4 Flowable	Dividend formulations <sup>2</sup>	Dynasty	Maxim 4 FS	Metaxyl products	Raxil 2.8F	42-S Thiram	Vitavax-34
Barley, oats wheat	Common root rot ( <i>Cochliobolus</i> seedling blight)	---	---	---	S	---	---	---	S	S	C
Barley, oats, wheat	Seed decay, seedling blight, & damping-off (many)	---	---	C	---	C	C	---	C	C	---
Barley, oats, wheat	Damping-off & root rot ( <i>Pythium</i> )	C	C	C-	C	---	---	C	---	C-	---
Barley, oats wheat	Rhizoctonia root rot	---	---	C	S	---	---	---	S	S	---
Barley, wheat	Fusarium Root, Crown, and Foot Rot (Crown Rot, Foot Rot, Seedling Blight, Dryland Foot Rot) ( <i>Fusarium</i> spp.)	---	---	---	S	---	---	---	S	S	---
Barley, wheat	Take-all ( <i>Gaeumannomyces</i> )	---	---	---	S	---	---	---	---	---	---
Barley, wheat	Seed decay & damping-off (many)	---	---	---	C	C	---	---	---	---	---
Wheat	Common bunt (seedborne)	---	---	---	C+	C	---	---	C	S	C
Wheat	Common bunt (soilborne)	---	---	---	C+	C	---	---	---	---	C
Wheat	Dwarf bunt	---	---	---	C	S	---	---	---	---	---
Wheat	Flag smut	---	---	---	C	---	---	---	C	---	C
Wheat	Loose smut	---	---	---	C	---	---	---	C	---	C
Wheat	Leaf rust, stripe rust	---	---	---	---	---	---	---	S	---	---
Barley	Covered smut	---	---	---	C	---	---	---	C	S	C
Barley	Loose smut	---	---	---	---	---	---	---	C	---	C
Oats	Covered smut	---	---	---	---	---	---	C-	---	---	C
Oats	Crown rust	---	---	---	---	---	---	---	S	---	---
Oats	Loose smut	---	---	---	---	---	---	---	C	---	C

<sup>1</sup> The C and S ratings in this table signify control and suppression, respectively. If no rating is shown, the product label does not mention this disease. These ratings are taken from product labels and technical bulletins. The plus and minus symbols have been added when there is a known difference among products within a C or S category. We know that some of these products control or suppress other diseases, but if it is not stated in nor interpretable from the label or technical bulletin, it is not shown here.

<sup>2</sup> Dividend Extreme is registered on wheat, triticale, and barley, and Dividend XL RTA is registered on barley and wheat.