

STI-CUSTOMIZED

Good, Better, Best Approach

Now with 500+ blends, we don't just throw a book at you and say pick one. We would get paralysis by analysis. Our sales and technical people are trained to help develop a solution that meets what you are currently doing and then create blend options that best fits your needs. We call it the **good, better, best approach**.

Below is an example of this approach. The base fungicide product for each blend is indicated in the table. All additional actives are added into the blend and each blend would also include color and polymer.

Blends and diseases vary by geography.

GOOD					
		Soil/Seedborne Diseases		Water Mold Diseases	
Active Ingredient	Activity	Fusarium ¹	Rhizoctonia	Pythium	Phytophthora
Fludioxonil (Base)	Contact	F-VG	G	NR	NR
Thiophanate-methyl ³	Systemic & contact	F-G	G	NR	NR
Metalaxyl	Systemic	NR	NR	E ²	E
Imidacloprid	Systemic	Insect Control			

BETTER					
		Soil/Seedborne Diseases		Water Mold Diseases	
Active Ingredient	Activity	Fusarium ¹	Rhizoctonia	Pythium	Phytophthora
Prothioconazole (Base)	Systemic	G	G	NR	NR
Trifloxystrobin (Base)	Systemic & contact	F-G	F-E	P	P
Thiophanate-methyl ³	Systemic & contact	F-G	G	NR	NR
Metalaxyl	Systemic	NR	NR	E ²	E
Imidacloprid	Systemic	Insect Control			

BEST: Ethaboxam will control Metalaxyl/Mefenoxam resistant populations of Pythium and Phytophthora.					
		Soil/Seedborne Diseases		Water Mold Diseases	
Active Ingredient	Activity	Fusarium ¹	Rhizoctonia	Pythium	Phytophthora
Ipconazole	Systemic & contact	F-E	VG	P	NR
Thiophanate-methyl ³	Systemic & contact	F-G	G	NR	NR
Metalaxyl	Systemic	NR	NR	E ²	E
Ethaboxam	Systemic	NR	NR	E	E
Imidacloprid	Systemic	Insect Control			

Efficacy Ratings	NR = Not Recommended NL = Not Labeled	P = Poor	F = Fair	G = Good	VG = Very Good	E = Excellent
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This fungicide seed treatment chart was adapted from the Fungicide Efficacy for Control of Soybean Seedling Diseases publication developed by members of the North Central Regional Committee on Soybean Diseases (NCERA-137). This publication was updated in February 2023 and can be found at https://cropprotectionnetwork.s3.amazonaws.com/cpn1020_fungicideefficacysoybeanseedling_2023.pdf. NCERA-137 has developed the following ratings for how well fungicide seed treatments control seedling diseases of soybeans in the United States. Efficacy ratings for each fungicide active ingredient listed in the table were determined by field-testing the materials over multiple years and locations by the members of this group and include ratings summarized from national fungicide trials published in Plant Disease Management Reports (and formerly Fungicide and Nematicide Tests) by the American Phytopathological Society at <https://www.plantmanagementnetwork.org/pub/trial/pdmr/>. Each rating is based on the fungicide's level of disease control and does not necessarily reflect efficacy of fungicide active ingredient combinations and/or yield increases obtained from applying the active ingredient.

¹ Products may vary in efficacy against different Fusarium and Pythium species. Does not include Fusarium virguliforme, the causal agent of Sudden Death Syndrome.

² Areas with mefenoxam or metalaxyl insensitive populations may see less efficacy with these products.

³ Ratings for fungicides not listed in the NCERA-137 are based on the authors' experience and available data.