Soybean SEED TREATMENT

Chemical	Application	Dosage ¹	Control ² of Seedling Blights ³	Remarks
Azoxystrobin Dynasty, 9.6%	Slurry	0.153-0.459 fl oz/cwt	х	For seed-borne and soil-borne and soil- borne fung causing decay, danping off, and seedling blight
Captan Captan 4000, 38.4% Hi-Moly/Captan-D, 48.9% Hi-Moly Captan, 18.44%	See individual labels for rates of application, formulations, and registered use.	See individual labels for rates of application, formulations, and registered use.	Х	Hi-Moly contains molybdenum.
Carboxin Vitavax-34, 34%	Slurry	3-4 fl oz/cwt	X	Vitavax 34 may be used on seed
Germate Plus, 14%	Drill box	1.5 oz/42 lb (2 oz/bu)	×	previously treated with captan or thiram. Germate Plus contains 15% diazinon and 25% lindane insecticide. Kernel Guard
Kernel Guard Supreme, 14%	Drill box	1.5 oz/50lb	Х	Supreme contains 10.42% permethrin.
Carboxin + Captan Enhance, 20%:19%	Drill box	3 oz/bu	x	
Carboxin + Thiram RTU-Vitavax-Thiram, 10%:10%	Liquid or slurry or drill box	3.4 fl oz/bu (6.8 fl oz/cwt)	Х	
Chloroneb Chloroneb 65W, 65%	Slurry	4 oz/cwt	Х	May be used as a supplemental seed treatment for improved suppression of Rhizoctonia and Pythium.
Fludioxonil Maxim 4FS, 40.3%	Slurry	0.08-0.16 fl oz/cwt	х	For seed-borne and soil-borne fungi. Registered for control of Rhizoctonia and Fusarium.
Mefenoxam Apron XL LS, 32.3%	Slurry or mist	0.32-0.64 fl oz/cwt	Х	For Pythium and early season Phytophthora control only. For both commercial and on-farm use.
Mefonoxam + Fludioxonil + Thiamethoxam Cruiser Maxx, 1.7%:1.12%:22.61%	Slurry or mist	3 fl oz/cwt	Х	

¹Dosage = 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.

Note: Some seed treatments may affect Rhizobia inoculants; read inoculant label for specific information.

Soybean (continued) SEED TREATMENT

Chemical	Application	Dosage ¹	Control ² of Seedling Blights ³	Remarks
Mefenoxam + Fludioxonil Apron Maxx RTA, 1.1%:0.73%	Slurry or mist (on farm application) Slurry	5 fl oz/cwt	Х	See labels for inoculant remarks.
Apron Maxx RFC, 3.46% : 2.31%	Slurry or mist	1.5 fl oz/cwt	Х	
Maxim XL, 8.4% : 21%	Slurry or mist	0.167-0.334 fl oz/cwt	Х	
Warden RTA 2.2%:0.72%	,	5 fl oz/cwt	X	
Metalaxyl Acquire, 28.35% Allegiance FL, 28.35% Dyna-Shield, 28.35%	Mist or slurry Mist or slurry Slurry	0.75 fl oz/cwt 0.75 fl oz/cwt 0.75 fl oz/cwt	see remarks	Metalaxyl is for Pythium damping off and early season Phytophthora control only. For use only with commercial seed treatment equipment.
Trifloxystrobin Trilex, 22%	Slurry	0.32 fl oz/cwt	Х	For seed-borne and soil-borne fungi.
Trifloxystrobin + Metalaxyl Trilex 2000, 7.12%:5.96%	RTU or Slurry or mist	1.0 fl oz/cwt	х	For seed-borne and soil-borne fungi.

¹Dosage = Amount of formulated product to apply.

Note: Some seed treatments may affect Rhizobia inoculants; read inoculant label for specific information.

Soybean BIOLOGICAL SEED TREATMENT

Chemical	Application	Dosage ¹	Control ² of SeedlingBlights ³	Remarks
Organism Bacillus pumilus GB 34 Yield Shield, 0.28, 2.75%	Slurry	0.1 oz/cwt	Х	

¹Dosage = Amount of formulated product to apply.

Note: Some seed treatments may affect Rhizobia inoculants; read inoculant label for specific information.

²X = Product labeled for crop and disease; Blank = product not labeled for specific disease.

³Seedling blights due to various fungal infections of seed.

²X = Product labeled for crop and disease; Blank = product not labeled for specific disease.

³Seedling blights due to various fungal infections of seed.

Soybean SOIL APPLICATION

Chemical (Fungicide Group)	Application	Dosage ¹	Control ² of Pythium, Phytophthora	Remarks
Mefenoxam (4) Ridomil Gold EC, 48%	In-furrow spray	0.08-0.28 fl oz/1,000 ft. of row	Х	Resistance statement 4 ³
Ridomil Gold GR, 2.5%	In-furrow, 7" band, or T- band	1.5-6 oz/1,000 ft. of row	X	Do not apply directly to seed, but to soil that will be mixed in covering the seed. Use lower rates for early to mid-season control; full rates for full-season control. See label for planting restrictions within 12 months of application.

¹Dosage = Amount of formulated product to apply.

²X = Product labeled for crop and disease; Blank = product not labeled for specific disease.

³See fungicide resistance management statements on page 9-10.

Soybean FOLIAR SPRAYS

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Chemical (Fungicide Group)	Application ¹	Dosage ²	White Mold Control ³	Remarks		
Qols Azoxystrobin (11) Quadris, 22.9%	Spray	6.2-15.4 fl oz/A		Resistance statement 5 ⁴ Both products control pod and stem blight, soybean rust and brown spot.		
Pyraclostrobin Headline, 23.6%	Spray or fungigation	6-12 fl oz/A		Apply prior to onset of disease. PHI= 21 days.		
Azoxystrobin (11) + Propiconazole (3) Quilt, 7%:11.6%	Spray or fungigation	14-20.5 fl oz/A		Resistance statement 5 ⁴ and 3 ⁴ . Quilt controls several diseases in soybeans including soybean rust. Do not apply more than 42 fl oz/A. PHI: 21 days for seed; 0 for forage or hay.		
Azoxystrobin (11) + Cyroconazole (2) Quadris Xtra, 18.2%:7.3%	5.0-6.8 fl oz/A			Quadris Xtra controls several diseases in soybeans, including soybean rust. Quadris Xtra is extremely phytotoxic to certain apple varieties, so don't spray when drift may reach apples. Do not apply more than 13.6 fl oz/A. Do not apply within 30 days of harvest.		
Trifloxystrobin (11) + Propiconazole (3) Stratego 11.4%:11.4%	Spray or fungigation	10 fl oz/A		Stratego controls several diseases in soybean including soybean rust. Do not make more than 3 applications per season. Do not apply within 21 days of harvest.		
Chlorothalonil (M5) Applause, 54%	Spray or fungigation	See label		Chlorothalonil products control pod and stem blight, stem canker, and suppress soybean rust.		
Bravo Ultrex, Equus DF, 82.5%	Spray or fungigation	See label		Do not feed soybean hay or threshings from chlorothalonil treated fields to livestock.		
Bravo WeatherStik, Echo 720 Equus 720, or Chlorothalonil 720, 54%	Spray or fungigation	See label				
Echo 90 DF, 90% Echo Zn, 38.5%	Spray or fungigation Spray or fungigation	See label See label				
Cyproconazole Alto 100 SL, 8.9%	Spray	4.0-5.5 fl oz/A		For control of soybean rust and other leaf diseases. See label for specific rate recommendations. Do not apply more than 11 fl oz/season. Do not apply with 30 days of harvest.		

¹Spray = ground or aerial, Fungigation = application through sprinker irrigation system.

²Dosage = Amount of formulated product to apply.

³X = Product labeled for crop and disease; Blank = product not labeled for specific disease.

⁴See fungicide resistance management statements on page 9-10.

Soybean (continued) FOLIAR SPRAYS

Chemical (Fungicide Group)	Application ¹	Dosage²	White Mold Control ³	Remarks		
Propiconazole (3) Tilt 3.6 EC, or Propiconazole E-AG, 41.80% Bumper 418 EC	Spray Spray	4-6 fl oz/A 4-6 fl oz/A		Resistance statement 3 ⁴ . Propiconazole controls several diseases of soybeans including soybean rust. Do not apply more than 12 fl oz/A. Apply up to R6.		
Prothioconazole (3) Proline 480 SC, 41%	Spray	2.5-3 fl oz/A		For control of soybean rust and powdery mildew. Do not apply more than 9 fl oz/year 21 days PHI.		
Tebuconazole (3) Folicur 3.6F Orius 3.6F	Spray	3-4 fl oz/A		For control of soybean rust and powdery mildew. No not apply more than 12 fl oz/A per season. These products have a 21 day PHI.		
Tetraconazole (3) Domark 230	Spray	4-5 fl oz/A		Resistance statement 3 ⁴ For several diseases of soybeans including soybean rust. Do not apply after growth stage R5 (beginning seed). Do not apply more than twice a year or 10 fl oz/A per year.		
Thiophanate Methyl (1) Topsin M WSB 70WE, T-methyl WSB 70W, 70% Topsin M 70WP, or T- Methyl E-AG 70	Spray or fungigation Spray or fungigation	0.5-1 lb/A 0.75-1 lb/A	X X	Thiophanate-methyl also controls Pod & Stem Blight, but is not labeled for control of soybean rust.		
WSP, 70% Topsin 4.5 FL, 45%	Spray or fungigation	10-20 fl oz/A	Х			
or T-Methyl E-AG 4.5 FL Thiophanate Methyl 85 WDG, 85%	Spray or fungigation	0.4-0.8 lb/A pod & stem blight 0.6-0.8 lb?A white mold	Х			

<sup>Spray = ground or aerial, Fungigation = application through sprinker irrigation system.

Dosage = Amount of formulated product to apply.

X = Product labeled for crop and disease; Blank = product not labeled for specific disease.

See fungicide resistance management statements on page 9-10.</sup>