

## Treatment Type Legend

<b>F</b>	Fungicide
<b>I</b>	Insecticide
<b>N</b>	Nematicide
<b>P</b>	Plant Growth Regulator

# What's on your seed?

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Seed treatments have been used for a number of years, mostly for protection against seedling diseases. However, there are a number of new seed treatments marketed for protection against a range of pests, including seedling diseases, insects and nematodes, and even improving plant health.

The purpose of this publication is to take some of the confusion of seed treatments away, giving you a better understanding of what is on your seed. The list covers seed treatments registered in the state of Wisconsin for use on corn, soybean, small grain and/or alfalfa seed. The seed treatments are grouped by the number of active ingredients (1-6), treatment type (fungicide, insecticide, nematicide or plant growth regulator) and then alphabetically by the product trade name. The list is not based on efficacy of the seed treatments and is not an endorsement or criticism of one product over another. You are responsible for using pesticides according to the manufacturer's current label directions.



Active Ingredient (s)	Product Trade Name	Crop
<b>F</b> azoxystrobin	<b>Dynasty®</b>	Corn, Soybean, Small Grains
<b>F</b> <i>Bacillus pumilus</i>	<b>Sonata®</b>	Corn, Soybean, Small Grains, Alfalfa
<b>F</b> <i>Bacillus subtilis</i>	<b>HiStick® N/T</b>	Soybean, Alfalfa
	<b>Integral®</b>	Soybean
<b>F</b> captan	<b>Captan 4L ST</b>	Corn, Soybean, Small Grains, Alfalfa
<b>F</b> copper hydroxide	<b>Champ® Formula 2</b>	Small Grains
<b>F</b> copper hydroxide + mancozeb	<b>ManKocide®</b>	Small Grains
<b>F</b> ethaboxam	<b>Intego™ Solo</b>	Corn, Small Grains
<b>F</b> fludioxonil	<b>Agri Star® Fludioxonil 4I ST</b>	Corn, Soybean, Small Grains, Alfalfa
	<b>Dyna-shield® Fludioxonil</b>	Corn, Soybean, Small Grains, Alfalfa
	<b>Maxim® 4 FS</b>	Corn, Soybean, Small Grains, Alfalfa
	<b>Spirato™ 480 FS</b>	Corn, Soybean, Small Grains, Alfalfa
<b>F</b> fluopyram	<b>ILeVO</b>	Soybean
<b>F</b> fluxapyroxad	<b>Acceleron™ DX-612</b>	Soybean
	<b>Systiva® XS Xemium</b>	Small Grains
<b>F</b> ipconazole	<b>Acceleron™ DC-509</b>	Corn
	<b>Acceleron™ DX-509</b>	Corn
	<b>Rancona® 3.8 FS</b>	Corn, Soybean, Small Grains
	<b>Vortex®</b>	Corn
<b>F</b> mancozeb	<b>Dithane® F45 Rainshield®</b>	Corn
	<b>Dithane M45®</b>	Corn, Small Grains
	<b>Manzate® Flowable</b>	Corn, Small Grains
	<b>Penncozeb® 75DF</b>	Corn, Small Grains
	<b>Penncozeb® 80WP</b>	Corn, Small Grains
	<b>Manzate ProStick™</b>	Corn, Small Grains
<b>F</b> mefenoxam	<b>Apron® XL</b>	Corn, Soybean, Small Grains
<b>F</b> metalaxyl	<b>Acceleron™ DC-309</b>	Corn
	<b>Acceleron® DX-309</b>	Corn, Soybean
	<b>Acquire™</b>	Corn, Soybean, Small Grains, Alfalfa
	<b>Agri Star Metalaxyl® 265 ST</b>	Corn, Soybean, Small Grains, Alfalfa
	<b>Allegiance® FL</b>	Corn, Soybean, Small Grains
	<b>Belmont™ 2.7 FS</b>	Corn, Soybean, Small Grains, Alfalfa
	<b>Dyna-shield® Metalaxyl</b>	Corn, Soybean, Small Grains, Alfalfa
	<b>Dyna-Shield® Metalaxyl 318 FS</b>	Corn, Soybean, Small Grains, Alfalfa
	<b>Metalaxyl 4.0 ST</b>	Corn, Soybean, Small Grains
	<b>Sebring™ 318 FS</b>	Corn, Soybean, Small Grains, Alfalfa
	<b>Sebring™ 480 FS</b>	Corn, Soybean, Small Grains, Alfalfa
<b>F</b> metconazole	<b>Metlock®</b>	Corn, Small Grains
<b>F</b> oxathiapiprolin	<b>Lumisena</b>	Soybean

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<b>F</b> penflufen	<b>Acceleron® D-805</b>	Corn
	<b>Acceleron D-342</b>	Corn
<b>F</b> pyraclostrobin	<b>Acceleron® DX-109</b>	Soybean
	<b>Stamina®</b>	Corn, Small Grains, Alfalfa
<b>F</b> sedaxane	<b>Vibrance™ Fungicide</b>	Corn, Soybean, Small Grains
<b>F</b> <i>Streptomyces lydicus</i>	<b>Actinovate® AG</b>	Corn, Soybean, Small Grains
<b>F</b> tebuconazole	<b>Agri Star® TebuStar® 250 ST</b>	Corn, Small Grains
	<b>Raxil® 2.6F</b>	Corn, Small Grains
	<b>Tebucon 3.6F</b>	Corn
	<b>Tebu-Crop 3.6F</b>	Corn
	<b>Tebucure Fungicide 3.6</b>	Corn
	<b>Tebuzol™ 3.6F</b>	Corn
	<b>Tebuconazole 3.6 Select</b>	Corn
	<b>Vibe</b>	Corn
<b>F</b> thiabendazole	<b>Mertect® 340-F</b>	Alfalfa, Soybean, Small Grains
<b>F</b> thiophanate-methyl	<b>St-methyl 540 FS</b>	Soybean, Small Grains
<b>F</b> thiram	<b>42-S Thiram</b>	Corn, Soybean, Small Grains
	<b>Thiram® Granuflo</b>	Corn, Soybean, Small Grains
<b>F</b> tolclofos-methyl	<b>Rizolex™</b>	Corn, Soybean, Small Grains, Alfalfa
<b>F</b> trifloxystrobin	<b>Acceleron® DX-709</b>	Corn
	<b>Trilex® Flowable</b>	Alfalfa, Corn, Soybean, Small Grains
<b>I</b> chlorantraniliprole	<b>Lumivia™</b>	Corn
<b>I</b> chlorpyrifos	<b>Lorsban® 50W</b>	Corn
<b>I</b> clothianidin	<b>Acceleron™ IC-609</b>	Corn
	<b>Nipsit INSIDE®</b>	Corn, Soybean, Small Grains
	<b>Poncho® 600</b>	Corn, Soybean, Small Grains
<b>I</b> imidacloprid	<b>Acceleron™ IX-409</b>	Corn, Soybean, Small Grains
	<b>Attendant® 480 FS</b>	Soybean, Small Grains
	<b>Attendant® 600</b>	Corn, Soybean, Small Grains
	<b>AXCESS™</b>	Corn, Soybean, Small Grains
	<b>Dyna-Shield® Imidacloprid 5</b>	Corn, Soybean, Small Grains
	<b>Gaucho® 480 Flowable</b>	Corn, Soybean, Small Grains
	<b>Gaucho® 600 Flowable</b>	Corn, Soybean, Small Grains
	<b>Gaucho® SB Flowable</b>	Soybean
	<b>Senator® 600 FS</b>	Corn, Soybean, Small Grains
	<b>Sharda Imidacloprid 5SC</b>	Corn, Soybean, Small Grains
<b>I</b> thiamethoxam	<b>Cruiser® 5FS</b>	Corn, Soybean, Small Grains
<b>N</b> abamectin	<b>Avicta® 500 FS</b>	Soybean
<b>N</b> <i>Bacillus amyloliquefaciens</i>	<b>Aveo EZ</b>	Corn, Soybean
<b>N</b> <i>Pasteuria nishizawae</i>	<b>Clariva pn</b>	Soybean

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Active Ingredient (s)	Product Trade Name	Crop
<b>P</b> abscisic acid	<b>Massivo™ Bionik™</b>	Corn
<b>P</b> cytokinin	<b>Soil X-Cyto®</b>	Corn, Soybean, Small Grains alfalfa
	<b>Soil Triggrr®</b>	Small Grains
	<b>X-Cyte®</b>	Corn, Soybean, Small Grains, Alfalfa
<b>P</b> gibberellic acid	<b>Release® LC</b>	Corn, Small Grains
<b>P</b> harpin alpha beta protein	<b>Acceleron™ HX-209</b>	Corn, Soybean
	<b>N-Hibit® HX-209</b>	Corn, Soybean
<b>P</b> indole butyric acid	<b>KickStand™ PGR</b>	Corn, Soybean, Small Grains
<b>P</b> <i>Quinoa saponins</i>	<b>Heads Up® Plant Protectant</b>	Corn, Soybean, Small Grains
	<b>Heads Up® Seed Treatment</b>	Corn, Soybean, Small Grains

Active Ingredient (s)	Product Trade Name	Crop
<b>I</b> <b>N</b> thiamethoxam, abamectin	<b>Avicta® Duo 250</b>	Corn
<b>I</b> <b>N</b> clothianidin, <i>Bacillus firmus</i>	<b>Poncho® VOTiVO™</b>	Corn, Soybean
<b>F</b> <b>F</b> carboxin, captan	<b>Enhance®</b>	Soybean, Small Grains
<b>F</b> <b>F</b> carboxin, thiram	<b>Vitaflo™ 280</b>	Corn, Soybean, Small Grains
<b>F</b> <b>F</b> difenoconazole, mefenoxam	<b>Dividend XL RTA®</b>	Small Grains
	<b>Dividend Extreme®</b>	Small Grains
<b>F</b> <b>F</b> ipconazole, metalaxyl	<b>Warden® Cereals</b>	Small Grains
<b>F</b> <b>F</b> mefenoxam, fludioxonil	<b>Maxim® XL</b>	Corn, Soybean, Small Grains, Alfalfa
	<b>ST Warden® RTA®</b>	Soybean
	<b>Apron MAXX® RFC</b>	Soybean
	<b>Apron MAXX® RTA® + Moly</b>	Soybean
	<b>Apron MAXX® RTA®</b>	Soybean
<b>F</b> <b>F</b> metalaxyl, ipconazole	<b>Rancona® CTS</b>	Soybean, Small Grains
	<b>Rancona® Summit</b>	Soybean, Small Grains
	<b>Rancona® Xextra</b>	Soybean
	<b>Rancona® Xextra Pro</b>	Soybean
<b>F</b> <b>F</b> metalaxyl, metconazole	<b>Metlock® Ct Fungicide</b>	Corn, Small Grains
<b>F</b> <b>F</b> tebuconazole, metalaxyl	<b>Raxil® MD</b>	Small Grains
	<b>Dyna-shield® Foothold™</b>	Small Grains
	<b>Dyna-shield® Small Grains™</b>	Small Grains
<b>F</b> <b>F</b> trifloxystrobin, metalaxyl	<b>Trilex® 2000</b>	Corn, Soybean
<b>P</b> <b>P</b> <b>P</b> cytokinin, gibberellic acid, indole butyric acid	<b>Stimulate™ Yield Enhancer</b>	Corn, Soybean, Small Grains
	<b>Ascend™</b>	Corn, Soybean, Small Grains, Alfalfa
<b>P</b> <b>P</b> <b>P</b> indole butyric acid, salicylic acid, chitosan	<b>Consensus™ Seed Treatment</b>	Soybean, Small Grains, alfalfa
<b>F</b> <b>F</b> <b>F</b> captan, carboxin, metalaxyl	<b>Bean Guard®/ Allegiance®</b>	Soybean
<b>F</b> <b>F</b> <b>F</b> fludioxonil, mefenoxam, sedaxane	<b>Vibrance Trio</b>	Soybean
<b>F</b> <b>F</b> <b>F</b> carboxin, metalaxyl, ipconazole	<b>Rancona® V RTU FS</b>	Soybean, Small Grains

Active Ingredient (s)				Product Trade Name	Crop
F	F	F	mefenoxam, difenoconazole, sedaxane	<b>Vibrance™ Extreme</b>	Small Grains
F	F	F	metalaxyl, penflufen, prothioconazole	<b>Evergol Energy SB</b>	Soybean
F	F	F	metalaxyl, pyraclostrobin, triticonazole	<b>Stamina® F3 Cereals</b>	Small Grains
F	F	F	prothioconazole, penflufen, metalaxyl	<b>EverGol™ Energy</b>	Corn, Small Grains, Alfalfa
F	F	F	tebuconazole, metalaxyl, imazalil	<b>Raxil® MD Extra</b>	Small Grains
F	F	I	captan, carboxin, imidacloprid	<b>Enhance® AW</b>	Soybean, Small Grains
F	F	I	mefenoxam, fludioxonil, thiamethoxam	<b>CruiserMaxx®</b>	Soybean
				<b>CruiserMaxx® Advanced</b>	Soybean
				<b>CruiserMaxx® EZ</b>	Soybean
F	F	I	ipconazole, metalaxyl, imidacloprid	<b>Warden® Cereals HR</b>	Small Grains
F	F	I	metalaxyl, tebuconazole, imidacloprid	<b>Dyna-shield® Foothold™ Extra</b>	Small Grains
				<b>Sativa® IM RTU Seed Treatment</b>	Small Grains
F	F	I	metalaxyl, metconazole, clothianidin	<b>NipsIt™ Suite Cereals</b>	Small Grains
F	F	I	mefenoxam, difenoconazole, thiamethoxam	<b>Cruiser Maxx® Cereals</b>	Small Grains
F	F	F	azoxystrobin, fludioxonil, mefenoxam, thiabendazole	<b>Maxim® Quattro</b>	Corn
F	F	F	azoxystrobin, fludioxonil, mefenoxam, thiamethoxam	<b>Seed Shield®</b>	Soybean
F	F	F	mefenoxam, fludioxonil, sedaxane, thiamethoxam	<b>CruiserMaxx® Vibrance</b>	Soybean
				<b>Warden® CX</b>	Soybean
F	F	F	mefenoxam, fludioxonil, sedaxane, thiamethoxam, <i>Pasteuria nishizawae</i> -Pn1	<b>Clariva Elite Beans</b>	Soybean
F	F	F	imidacloprid, prothioconazole, tebuconazole, metalaxyl	<b>Raxil Pro Shield</b>	Small Grains
F	F	F	ipconazole, metalaxyl, clothianidin, ethaboxam	<b>Intego Suite Soybean</b>	Soybean
F	F	F	sedaxane, mefenoxam, difenoconazole, thiamethoxam	<b>Cruiser Maxx® Vibrance™ Cereals</b>	Small Grains
F	F	F	mefenoxam, fluioxonil, thiabendazole, thiamethoxam	<b>Equity™</b>	Soybean
F	F	F	tebuconazole, metalaxyl, fludioxonil, imidacloprid	<b>Dyna-Shield® Foothold® Virock</b>	Small Grains
F	F	F	mefenoxam, difenoconazole, fludioxonil, sedaxane, thiamethoxam	<b>Cruiser Vibrance Quattro</b>	Small Grains
				<b>Seed Shield Cereals</b>	Small Grains
N	F	F	abamectin, mefenoxam, fludioxonil, thiamethoxam	<b>Avicta® Complete Beans 500</b>	Soybean
N	F	F	abamectin, thiabendazole, azoxystrobin, mefenoxam, fluioxonil, thiamethoxam	<b>Avicta® Complete Corn 250</b>	Corn