

Compatibility Guide

General Notes

Active Ingredient

Only a selection of products and brand names are included for each active ingredient. Compare the AI of the commercial product in question with the table.

Compatibility

Tank Mix – Rhizolizer Duo applied by being added directly into a mix tank with other commercial product(s).

- It is assumed products are being applied as the suggested label rate, unless otherwise mentioned in the table below.
- Tank mixes must be applied within 6 hours of the Locus product being added to ensure efficacy. Do not hold tank mixture for later use.

Simultaneous – Rhizolizer Duo applied at the same time as other commercial product(s), but from separate mix tanks.



Sequential – Rhizolizer Duo applied between other commercial product(s). The timing can vary depending on crop and/or product application schedule.

Dilution

Always add Rhizolizer Duo to diluted chemical, unless fertilizer is used at full strength, and can be added directly without the addition of water.

Water used in tank mix or product preparation should be non-chlorinated.

Key

 Yes	 No	TBD = To be determined
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Bactericide

Active Ingredient	Product Name	Tank Mix	Simultaneous	Sequential
Streptomycin sulfate	Agri-Mycin [®] , Agrimycin	✓	✓	✓
Agrobacterium radiobacter strain K84	Galltrol [®]	✓	✓	✓

Biocide

Active Ingredient	Product Name	Tank Mix	Simultaneous	Sequential
Chlorine dioxide	Selectocide (At free chlorine levels of 5 ppm or less)	✗	✓	✓
Didecyldimethyl ammonium chloride (quaternary ammonium compound)	KleenGrow [™] (Use only at 35 ppm or below)	✗	✓	✓
Halogenated heterocyclic	Agribrom [®]	✗	✓	✓
Hydrogen dioxide/ peroxyacetic acid	ZeroTol [®] (At concentrations of 1:10,000 or lower in irrigation water)	✗	✓	✓

Fertilizer

Product Name	Tank Mix	Simultaneous	Sequential
7-21-0	✓	✓	✓
Integrus 7-23-4-0.5Zn	✓	✓	✓
ionX 10-3-5 (Contains 5% UAN2)	✓	✓	✓
44-0-0 44% Urea Prill Coated with 2% Humic Acid	✓	✓	✓
46-0-0 46% Urea Prill	✓	✓	✓
CAN-17 Calcium Ammonium Nitrate 17-0-0	✓	✓	✓

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K-T-S 0-0-25-17s Potassium thiosulfate	✓	✓	✓
10-34-0	✓	✓	✓
Kugler KQ-XRN (20:100 dilution)	✓	✓	✓
Kugler KS-178C (20:100 dilution)	✓	✓	✓
Kugler KS-2075 (20:100 dilution)	✗	TBD	✓
Kugler LS 6-24-6S	✓	✓	✓
UN 28	✗	TBD	✓
UN 32	✗	TBD	✓
True 4-3-1	✓	✓	✓

Fungicide

Active Ingredient	Product Name	Tank Mix	Simultaneous	Sequential
Aluminum tris (O-ethyl phosphonate)	Aliette® (at 100x stock solution, use within 1 hour)	✓	✓	✓
Azoxystrobin	Abound	✓	✓	✓
Azoxystrobin	Heritage®, Abound®, Quadris®	✓	✓	✓
Bacillus amyloliquefaciens strain D747	Triathlon® BA	✗	✓	✓
Bacillus licheniformis strain 3086	EcoGard® GN	✓	✓	✓
Bacillus subtilis (various)	Companion®, Subtilex®, Taegro®	✗	✓	✓
Bacillus subtilis strain QST 713	CEASE®, Rhapsody®, Serenade®	✗	✓	✓
Benomyl	Benlate®, Tersan® 1991, Bonide® Lawn Fungicide	✗	✗	✗
Boscalid plus Pyraclostrobin	Pageant®	✓	✓	✓
Captan	Captan®	✗	✓	✓

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Carboxin	Vitavax 34 [®] , Vitavax [®] 200	✗	✓	✓
Chloroneb	Chloroneb [®] , Demosan [®] , Terraneb [®] , Terramec [®]	✗	✓	✓
Chlorothalonil	Bravo [®] , Daconil [®]	✗	✓	✓
Copper sulfate	Phyton-27 [®]	✗	✓	✓
Cyazofamid	Segway [®]	✓	✓	✓
Dicloran	Botran [®]	✗	✓	✓
Didecyl dimethyl ammonium chloride (quaternary ammonium compound)	KleenGrow [™] (At concentrations above 35 ppm)	✗	✗	✗
Dimethomorph	Stature [®]	✓	✓	✓
Etridiazole	Truban [®]	✗	✓	✓
Etridiazole and Thiophanate-methyl	Banrot [®]	✓	✓	✓
Fenamidone	FenStop [®]	✓	✓	✓
Fenarimol	Rubigan [®] , Lesco Twosome	✗	✓	✓
Fludioxonil	Medallion [®] , Maxim [®]	✓	✓	✓
Fluopicolide	Adorn [®] , Presidio [®]	✗	✓	✓
Flutolanil	Moncut [®] , Prostar [®]	✗	✓	✓
Hydrogen dioxide/ peroxyacetic acid	ZeroTol [®] (At concentrations above 1:10,000)	✗	✗	✗
Imazilil	Fungaflor [®] , Flo-Pro [®] , Nuzone	✗	✗	✗
Iprodione	Chipco 26019, Fungicide X, Rovral [®] , Ipridione Pro	✗	✓	✓
Mancozeb	Fore [®] , Pace [®] 70W, Zyban [®] , Dithane [®]	✗	✓	✓
Maneb	Maneb [®] , Manex [®]	✗	✓	✓
Mefanoxam plus Fludioxonil	Hurricane [®]	✗	✓	✓
Mefenoxam	Subdue Maxx [®] , Ridomil, Ridomil Gold [®]	✓	✓	✓

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Metalaxyl	Apron [®] , Subdue [®] , Allegiance	✗	✓	✓
Myclobutanil	Eagle [®]	✗	✓	✓
Pentachloronitrobenzene (Quintozene)	PCNB, Terraclor [®] 400, Turfcide [®] , Penstar [®] (At labeled dilutions, not compatible in a 100X concentration)	✓	✓	✓
Phosphorus acid	Alude [®] , Agrifos [®] , Fosphite [®] , Topaz [®]	✗	✓	✓
Propamocarb	Banol [®]	✗	✓	✓
Propanil	Prostar [®]	✗	✓	✓
Propiconazole	Banner [®]	✗	✗	✗
Pyraclostrobin	Empress [®] , Cabrio [®] , Insignia [®] , Pristine [®] , Headline [®]	✓	✓	✓
Reynoutria sachalinensis	Regalia [®]	✓	✓	✓
Streptomyces griseoviridis strain K61	Mycostop [®] and PreFence [®] (use within 2 hours)	✓	✓	✓
Streptomyces lydicus WYEC 108	Actinovate [®]	✓	✓	✓
Tebuconazole	Folicur [®] 3.6 F	✗	✗	✗
Thiabendazole	Mertect [®] (When tank- mixed for 4 hours or less)	✓	✓	✓
Thiabendazole	Mertect [®] (When tank-mixed for greater than 4 hours)	✗	✓	✓
Thiophanate methyl	Cleary's 3336 [®] , Topsin M [®] , Tops 5 [®] , AllBan [®] , Fungo [®]	✓	✓	✓
Thiram	Spotrete [®] , Vitavax [®] 200	✓	✓	✓
Triadimefon	Bayleton [®]	✗	✓	✓
Triadimenol	Baytan [®]	✗	✓	✓
Triflumizole	Terraguard [®]	✗	✗	✗
Vinclozolin	Ronilan [®] , Touche [®] , Curalan [®]	✗	✓	✓

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Growth Regulator

Active Ingredient	Product Name	Tank Mix	Simultaneous	Sequential
Ancymidol	A-Rest [®]	✗	✓	✓
Chlormequat chloride	Cycocel [®]	✗	✓	✓
Diaminozide	B-Nine [®]	✗	✓	✓
Paclobutrazol	Bonzi [®]	✗	✓	✓
Uniconazole	Sumagic [®]	✗	✓	✓

Herbicide

Active Ingredient	Product Name	Tank Mix	Simultaneous	Sequential
Glufosinate-Ammonium	Cheetah [®]	✗	✓	✓
Glufosinate-Ammonium	Liberty [®]	✓	✓	✓
Glyphosate	Roundup [®]	✓	✓	✓
Oxyfluorfen	GOAL [®] 2XL	✓	✓	✓
Pendimethalin	Prowl [®] , Pendulum [®]	✗	✓	✓

Insecticide

Active Ingredient	Product Name	Tank Mix	Simultaneous	Sequential
Acephate	Orthene [®]	✗	✓	✓
Azadirachtin	Molt-X [®]	✓	✓	✓
Bacillus thuringiensis, subsp. israelensis, strain AM 65-52	Gnatrol [®]	✗	✓	✓
Beauveria bassiana strain GHA	BotaniGard [®] ES, BotaniGard 22WP, Mycotrol [®] O	✓	✓	✓
Carbaryl	Sevin [®]	✗	✓	✓
Chlorpyrifos	Lorsban [®]	✗	✓	✓
Cyantraniliprole	Mainspring	✓	✓	✓

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Cyromazine	Citation®	✓	✓	✓
Diazinon	Diazinon	✗	✓	✓
Dinotefuran	Safari®	✓	✓	✓
Imidacloprid	Marathon®, Gaucho®	✗	✓	✓
Isaria fumosorosae Apopka Strain 97	Preferal®	✓	✓	✓
Lindane	Lindane®	✗	✓	✓
Malathion	Malathion®	✗	✓	✓

Miticide

Active Ingredient	Product Name	Tank Mix	Simultaneous	Sequential
Dicofol	Kelthane®	✗	✓	✓

Nutrient Supplement

Active Ingredient	Product Name	Tank Mix	Simultaneous	Sequential
Nitrogen	Kugler KS Micro Max (5:100 dilution)	✓	✓	✓

Surfactant

Product Name	Tank Mix	Simultaneous	Sequential
AquaGro® 2000	✓	✓	✓
AtPlus S-12	✓	✓	✓
Bivert®	✓	✓	✓
Capsil®	✓	✓	✓
Flozine®	✓	✓	✓
Latron® B 1956	✓	✓	✓
PsiMatric	✓	✓	✓
R-11	✓	✓	✓
Silwet	✓	✓	✓

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Silwet Eco	✓	✓	✓
Many other non-ionic surfactants	✓	✓	✓