



## Product Compatibility BotryStop™

All products tested for compatibility and reported in this document have been evaluated for impact on BotryStop, *Ulocladium oudemansii* (U3 Strain), spores and physical compatibility only. Tests were not carried out to evaluate impact on the partner product integrity or for plant phytotoxicity. Compatibility has been tested at normal tank mix dilutions, not in concentrated stock tank mixtures (such as for injecting at 1:100). Physical compatibility can be impacted by your water quality, tank residues or the addition of other materials in the spray tank.

- Mix only one additional pesticide tank mix partner with BotryStop
- Always maintain constant agitation in the spray tank
- pH 4-9 of the tank suspension
- Read and follow label directions for all tank mix materials
- Make applications of tank mix solutions as soon as possible after mixing and do not store for extended periods or overnight
- The addition of a non-ionic surfactant is recommended (see limitations below)
- Apply as a spray to the point of wetting, ensuring thorough coverage, but not to runoff

All chemistries available have not been tested. As a general rule of thumb, for unlisted products, wait 10 days before or after a fungicide application to apply BotryStop. Most insecticides will not harm BotryStop. Contact BioWorks for information regarding specific products.

Adjuvants		
Active Ingredient	Brand Name	Compatibility
Siloxane polyalkyleneoxide copolymer and polyalkyleneoxide	Brandt® Organics Ecospreader	Compatible
Mineral Oil	SuffOil-X®	Compatible at 1% v/v
Modified phthalic glycerol alkyd resin	Latron B-1956	Compatible at 1 oz/100 gal
Pinene polymers	Nu-Film P®	Compatible (Use low rate)
Fatty acids (potassium salts)	Saponel	Compatible
Organomodified polydimethylsiloxane	Silwet® Eco	Compatible
Polyalkyleneoxide modified heptamethyltrisiloxane	Silwet®L-77	Not Compatible
Polyether-polymethylsiloxane-copolymer	Capsil	Compatible
Yucca Wetting Agent	Various	Compatible
Those surfactants that <b>do not</b> claim to be “penetrants” or good at “stomatal flooding”	Various non-ionic surfactants	Compatible
10-3-3	NutriFOG	Yes 1:7
<b>NOTE:</b> when using adjuvants add at the lowest labeled rate		



Insecticides		
Active Ingredient	Brand Name	Compatibility
Azadirachtin	Molt-X	Compatible
<i>Beauveria bassiana</i> strain GHA	BotaniGard <sup>®</sup> ES and 22WP	Compatible
<i>Beauveria bassiana</i> strain GHA	Mycotrol <sup>®</sup> ESO and WPO	Compatible
<i>Beauveria bassiana</i> Strain GHA, Natural Pyrethrins	BotaniGard MAXX	Compatible
Spinosad	Entrust <sup>®</sup>	Compatible
Tebufenozide	Mimic <sup>®</sup> (IGR), Confirm <sup>®</sup>	Compatible

Fertilizers		
Active Ingredient	Brand Name	Compatibility
10-3-3	NutriFOG	Yes 1:7
5-0-0	ON-Gard <sup>®</sup>	Yes at 0.25% v/v

Biocides		
Active Ingredient	Brand Name	Compatibility
Didecyl dimethyl ammonium chloride	KleenGro	NO
Copper Sulphate Pentahydrate	Phyton	NO

Compatible Fungicides		
Active Ingredients	Brand Name	Compatibility
Acibenzolar-S-methyl	Actigard <sup>®</sup>	Compatible
Acibenzolar-S-methyl + Cuprous Oxide	Nordox 75 WG + Actigard <sup>®</sup>	Compatible (Add BotryStop to the tank last and apply immediately)
Captan	Captan	Compatible
Copper hydroxide	Champ <sup>®</sup>	Compatible (Only use with copper at 150 g/100 gallons)
Myclobutanil	Systhane <sup>™</sup> , Eagle <sup>®</sup> , Rally <sup>®</sup> 40W	Compatible
Penconazole	Topaz <sup>®</sup>	Compatible
Potassium bicarbonate	MilStop <sup>®</sup>	Compatible up to 3 lb/100 gal
Pyraclostrobin+Boscalid	Pageant Intrinsic	Compatible for up to 4 hours
Pyrimethanil	Scala <sup>®</sup>	Only use 10 days after BotryStop
Sulfur	Kumulus <sup>®</sup> DF	Compatible



Non-Compatible Fungicides		
Active Ingredient	Brand Name	Compatibility
Azoxystrobin	Amistar <sup>®</sup> , Heritage <sup>®</sup> , Quadris <sup>®</sup>	Not Compatible
<i>Bacillus subtilis</i> strain QST 713	CEASE <sup>®</sup>	Not Compatible in tank mix. (Use in a rotation program 7 days apart)
Chlorothalonil	Bravo <sup>®</sup>	Not Compatible
Cyprodinil	Switch <sup>®</sup>	Not Compatible
Dithianon	Delan <sup>®</sup>	Not Compatible
Iprodione	Rovral <sup>®</sup>	Not Compatible
Mancozeb	Dithane <sup>®</sup>	Not Compatible
Pyrimethanil	Scala <sup>®</sup>	Only use 10 days after BotryStop
Spirotetramat	Movento <sup>®</sup>	Not Compatible due to adjuvant recommendations for Movento
Thiram	Thiram	Not Compatible
<i>Trichoderma harzianum</i> strain T-22 and <i>Trichoderma virens</i> strain G-41	RootShield <sup>®</sup> PLUS <sup>+</sup>	Not Compatible (Apply BotryStop AFTER a soil application of RootShield PLUS <sup>+</sup> )

Plant Growth Regulators (PGRs)		
Active Ingredient	Brand Name	Compatibility
N-(phenylmethyl)-1H-purine 6-amine, Gibberellins A4A7	Fascination	Not Compatible
Indole-3-butyric acid	K-IBA	Not Compatible

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