



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		
Brand Name	Active Ingredient	Compatibility
Brandt® Organics Ecospreader	Siloxane polyalkyleneoxide copolymer and polyalkyleneoxide	Yes
Latron B-1956	Modified phthalic glycerol alkyd resin	Yes (at 1 oz/100 gal)
Nu-Film P®	Pinene polymers	Yes (use low rate)
SaponeI	Fatty acids (potassium salts)	Yes
Silwet® Eco	Organomodified polydimethylsiloxane	Yes
Silwet®L-77	Polyalkyleneoxide modified heptamethyltrisiloxane	Yes
Capsil	Polyether-polymethylsiloxane-copolymer	Yes
Various	Yucca Wetting Agent	Yes
Various non-ionic surfactants	Those surfactants that do not claim to be “penetrants” or good at “stomatal flooding”	Yes

NOTE: When using adjuvants use the lowest labeled rate.



Insecticides		
Brand Name	Active Ingredient	Compatibility
Molt-X®	Azadirachtin	Yes (at 8 oz/100 gal)
BotaniGard® ES and 22WP	<i>Beauveria bassiana</i> strain GHA	Yes
Mycotrol® ESO and WPO	<i>Beauveria bassiana</i> strain GHA	Yes
BotaniGard® MAXX	<i>Beauveria bassiana</i> Strain GHA, Natural Pyrethrins	Yes (at 1 qt/100 gal)
Grandevo®	<i>Chromobacterium subtsugae</i> strain PRAA4-1	Yes
Venerate®	<i>Burkholderia</i> spp. strain A396	Yes
Entrust®	Spinosad	Yes
Mimic® (IGR), Confirm®	Tebufenozide	Yes
DiPel PRO® DF	<i>Bacillus thuringiensis</i> subsp. <i>kurstaki</i>	Yes (2 lb/100 gal)
SuffOil-X®	Mineral Oil	Yes (at 1% v/v)
Movento® / Kontos	Spirotetramat	Not Compatible due to adjuvant recommendations for Movento
Mainspring	Cyantraniliprole	Yes
Pyganic EC 1.4	Pyrethrins	Yes

Fertilizers		
Brand Name	Active Ingredient	Compatibility
NutriFOG	10-3-3	Yes (at 1:7)
ON-Gard®	5-0-0	Yes (at 0.25% v/v)
Epsom Salts	Magnesium sulfate	Yes

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

Compatible Fungicides		
Brand Name	Active Ingredient	Compatibility
Actigard®	Acibenzolar-S-methyl	Yes
Nordox 75 WG + Actigard®	Acibenzolar-S-methyl + Cuprous Oxide	Yes (Add BotryStop to the tank last and apply immediately)
Captan	Captan	Yes



Champ®	Copper hydroxide	Yes (Only use with copper at 150 g/100 gallons)
Systhane™, Eagle®, Rally® 40W	Myclobutanil	Yes
Topaz®	Penconazole	Yes
MilStop®	Potassium bicarbonate	Yes (up to 5 lb/100 gal)
Pageant Intrinsic / Pristine	Pyraclostrobin+Boscalid	Yes (tank mix use within 4 hours)
Regalia®	<i>Reynoutria sachalinensis</i> extract	Yes (at 1 qt/100 gal)
Kumulus® DF	Sulfur	Yes
Prophyt	Potassium phosphite	Yes

Non-Compatible Fungicides

Brand Name	Active Ingredient	Compatibility
Amistar®, Heritage®, Quadris®, Abound®	Azoxystrobin	No
CEASE®	<i>Bacillus subtilis</i> strain QST 713	No (Use in a rotation program 7 days apart)
Stargus®	<i>Bacillus amyloliquefaciens</i> strain F727	No (Use in a rotation program 7 days apart)
Bravo®	Chlorothalonil	No
Switch®	Cyprodinil	No
Delan®	Dithianon	No
Rovral®	Iprodione	No
Dithane®/ Manzate Pro Stick®	Mancozeb	No
Scala®	Pyrimethanil	No (only use 10 days after BotryStop)
Regalia®	<i>Reynoutria sachalinensis</i> extract	No (apply on a 7-day interval with rates >2qt/100 gal)
Thiram® / Defiant®	Thiram	No
RootShield® PLUS+	<i>Trichoderma harzianum</i> strain T-22 and <i>Trichoderma virens</i> strain G-41	No (apply BotryStop AFTER a soil application of RootShield PLUS+)

Plant Growth Regulators (PGRs)

Brand Name	Active Ingredient	Compatibility
Fascination	N-(phenylmethyl)-1H-purine 6-amine, Gibberellins A4A7	No
K-IBA	Indole-3-butyric acid	No

Refer to product labels for complete application details. Additional technical information is available on our website (bioworksinc.com) or from your BioWorks technical sales representative. Always read and follow label directions.