



BioWorks

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- Victor, NY 14564
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- (800) 877-9443

2019 GUIDE TO ORGANIC FUNGICIDES

937 Tierra Verde Circle
Cottonwood, AZ 86326
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FOLIAR DISEASES

| PRODUCT | <i>Alternaria</i> | Bacteria | Black Spot | <i>Botrytis</i> | <i>Cercospora</i> | <i>Colletotrichum</i> (Anthracnose) | <i>Corynespora</i> | <i>Cylindrocladium</i> Leaf Spot | Downy Mildew | <i>Monilinia</i> | <i>Phytophthora</i> Aerial Blight | Powdery Mildew | Rust |
|--------------------------------------|-------------------|-------------------|-------------|-------------------|-------------------|--|--------------------|-------------------------------------|-----------------|------------------|--------------------------------------|-------------------|-------------------|
| Actinovate® | none/some | none/some | | none/some | | none/some | | some | none/some | some/good | | none/good | none/some |
| Botector® | | | none | none | | some | | | | none/slight | | | |
| BotryStop™ | | | | vgood/exc | | | | | | vgood/exc | | | |
| Camelot® O/Cueva® | good/exc | good/exc | | none/fair | some/good | good | vgood/exc | some | poor/good | | poor/good | some/vgood | poor/good |
| CEASE® | none/good | some/vgood | poor | some/good | some/exc | none/good | none | | none/vgood | | | good/vgood | |
| Companion® | | none/some | | | | | | none | none/some | | | | |
| EcoSwing™ | | none/exc | | good | | | | | some | | | some/exc | vgood/exc |
| Howler™/Zio™ | | | | | | | | | none/vgood | | | none | |
| LifeGard® | none/good | none/some | | good | | none/some | | | some/good | | | | |
| Messenger® STS | | none/good | | none | | none | | | | none | | slight | |
| Microthiol Disperse® | | | | | | | | | none | | | exc | |
| MilStop® | | none/good | none/slight | some/exc | some/exc | poor/good | none/some | | some/exc | | | vgood/exc | some/vgood |
| PreFence® | none/some | | | none/some | none/some | | | | | | | | |
| PreStop® | | none | none | some/vgood | | good | | | | | | none/vge | |
| Regalia® | none/some | none/vgood | some/good | none/slight | some/good | none | | | none/vgood | none/good | | none/vgood | |
| RootShield®/ PlantShield® | none | | none | some/good | some/good | | | some/vgood | some | | | none/vgood | fair/vgood |
| Serenade ASO® | none | none | | | | none | | | | | | | |
| Stargus™/Amplitude™ | | none/good | | none/some | none/some | | | | | | | | |
| Taegro™ | none | none/good | none/good | | | | | | none | | | vgood | |
| Triact® 70 | none/some | poor | none/good | fair/good | slight/good | some/good | | poor | poor/fair | | | vgood/exc | vgood/exc |
| Triathlon® BA/ Double Nickel™ | none/good | vgood/exc | | good/exc | good | | | vgood | none/some | exc | | some/vgood | none/exc |
| ZeroTol®/Oxidate® | none/exc | none/good | | none | good | none | | none | worse/some | | | none/good | none |



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SOILBORNE DISEASES

| PRODUCT | Cylindrocladium Crown/Root Rot | Fusarium Crown/Root Rot, Wilt | Macrophomina (Charcoal Rot) | Phytophthora Root Rot | Pythium Root Rot | Rhizoctonia Crown/Root Rot | Sclerotinia | Sclerotium (So. Blight) | Thielaviopsis (Black Root Rot) |
|--|-----------------------------------|----------------------------------|--------------------------------|--------------------------|---------------------|-------------------------------|-------------------|----------------------------|-----------------------------------|
| Actinovate [®] | some | none/good | none/some | some/vgood | none/vgood | none/vg-exc | none/some | none/some | none |
| BioTem [®] /Obtego [®] /Tenet [®] / Remedier [®] /Bioten [®] | | none/good | none/some | none/vgood | none/good | none/some | none/good | none/some | some/good |
| CEASE[®] | none/good | none/some | some | some | some | none/some | | | |
| Companion [®] | none | none | | | none/some | none | | | none/some |
| Howler [™] /Zio [™] | none/good | | | none | some/exc | vgood | | | |
| LifeGard [®] | | | | | | | some | | |
| Messenger [®] STS | | none/some | | none | none/exc | some/vg-exc | good/vgood | none | good |
| Mycostop [®] | | none/good | | none | | none/vg-exc | good/vgood | none/some | none/good |
| PreFence[®] | | none/good | | none | | none/vg-exc | good/vgood | none/some | none/good |
| PreStop [®] | | vgood/exc | | none | | | | | none |
| Regalia [®] | | | none | none | | | none | | |
| RootShield[®] PLUS⁺ | | none/vgood | none/some | good/exc | some/exc | poor/vg-exc | | | none |
| Serenade ASO [®] | | | none | none | | | | | |
| SoilGard [®] | | none/some | none | | | good | none/some | none | |
| Stargus [™] /Amplitude [™] | | | none | vgood | | good | some/good | | |
| Subtilex [®] NG | | | | | none | none/vg-exc | | | none |
| Taegro [™] | | some | | none | none | none | | | |
| Triathlon [®] BA/ Double Nickel [™] | | none/good | | | some | some/vgood | | some | |
| ZeroTol [®] /Oxidate [®] | | | | some | none | none | | | |

When 2 products are listed together, it is because 1 is marketed primarily to agricultural crops and the other is marketed to ornamental crops. The results reported in these tables are from research trials on agricultural and ornamental crops. They do not reflect current label uses. Always follow product labels carefully.