

**MICHIGAN STATE**  
**UNIVERSITY**

**Greenhouse Disease Management 2020\***

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**Botrytis**

- “A” Team. Daconil (chlorothalonil)[M05], Decree (fenhexamid)[17], Pageant Intrinsic (pyraclostrobin + boscalid)[11/7], Affirm WDG (polyoxin D zinc salt)[19], Astun (isofetamid)[7], Broadform (fluopyram + trifloxystrobin)[7/11], Orkestra (fluxapyroxad + pyraclostrobin)[7/11], Palladium (cyprodinil + fludioxonil)[9/12], Mural (azoxystrobin + benzovindiflupyr)[11/7], Medallion/Emblem (fludioxonil – do not apply to geraniums)[12]
- “B” Team. (Not recommended when disease pressure is high). Iprodione Pro 2SE/Chipco 26019/26 GT (iprodione)[2]

**Powdery Mildew**

- “A+” Team. Eagle (myclobutanil)[3], Terraguard SC (triflumizole)[3], Tourney (metconazole)[3]
- “A/A-” Team. Pageant Intrinsic (pyraclostrobin + boscalid)[11/7], Palladium WDG (fludioxonil + cyprodinil)[12/9], Mural (azoxystrobin + benzovindiflupyr)[11/7], Orkestra (fluxapyroxad + pyraclostrobin)[11/7]
- “B” Team. Heritage (azoxystrobin)[11], Compass (trifloxystrobin)[11], Insignia (pyraclostrobin)[11]

**Downy Mildew**

- “A+” Team. Subdue MAXX (mefenoxam)[4], Adorn (fluopicolide)[43], Segovis (oxathiapiprolin)[49]
- “A-” Team. Stature SC (dimethomorph)[40], Micora (mandipropamid)[40], Orvego (ametoctradin + dimethomorph)[45/50], Segway (cyazofamid)[21], FenStop (fenamidone)[11]
- “B” Team. Alude (phosphorous acid products)[33], Heritage 50WG (azoxystrobin)[11], Insignia (pyraclostrobin)[11], Pageant Intrinsic (pyraclostrobin + boscalid)[11/7], Protect DF (mancozeb)[M03], Compass (trifloxystrobin)[11]

**Phytophthora**

- “A” Team. Subdue MAXX (mefenoxam)[4], Adorn (fluopicolide)[43], Micora (mandipropamid)[40], Segovis (oxathiapiprolin)[49]
- “B” Team. FenStop (fenamidone)[11], Alude (phosphorous acid products)[33], Captan (captan)[M04], Aliette WDG (fosetyl-al)[33], Segway (cyazofamid)[21], Truban/Terrazole L (etridiazole)[14], Orvego (ametoctradin + dimethomorph)[45/50], Stature SC (dimethomorph)[40]

**Pythium**

- “A” Team. Truban/Terrazole L (etridiazole)[14], Banol (propamocarb)[28], Subdue MAXX (mefenoxam) [4/Watch for pathogen resistance]
- “B/B-“ Team. Captan (captan)[M04], FenStop SC (fenamidone)[11], Heritage 50WDG (azoxystrobin)[11], Empress Intrinsic Brand Fungicide (pyraclostrobin)[11], Segway (cyazofamid)[21], Alude (phosphorous acid products)[33]

**Rhizoctonia**

- “A” Team. Medallion/Emblem (fludioxonil)[12], Terraclor 400 (pentachloronitrobenzene)[14], Affirm WDG (polyoxin D zinc salt)[19], Pageant Intrinsic (pyraclostrobin + boscalid)[11/7], Tourney (metconazole)[3], Empress Intrinsic Brand Fungicide (pyraclostrobin)[11]
- “B+” Team. 3336/OHP 6672 (thiophanate-methyl)[1], Captan (captan)[M04], Heritage 50WG (azoxystrobin)[11]

### **Thielaviopsis**

- Recommendations [Use high labeled rates]: 3336/OHP 6672 (thiophanate-methyl)[1], Terraguard SC (triflumizole)[3], Medallion/Emblem (fludioxonil)[12], Tourney (metconazole)[3]

### **Bacterial Diseases**

- Camelot O (copper salts of fatty and rosin acids)[M01], Champ, CuPRO (copper hydroxide) [M01], Phyton 27/35 (copper sulphate pentahydrate) [M01], Nordox 75WG (cuprous oxide) [M01], C-O-C-S (copper oxychloride + copper sulfate) [M01], Copper-Count-N (copper, bis[acetato-O]diamine)[M01]

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