



## Perennials management: *Fusarium* and *Phytophthora*

*The experts at BASF dive into disease issues for the mid to late season.*



**Q – Dear BASF:** What products can I use to prevent and/or suppress soilborne diseases like *Fusarium* and *Phytophthora* in my perennials?

**A – Jennifer Browning, BASF Technical Service**

**Representative:** The organisms that cause these diseases are present in the natural environment, and young plants are susceptible to four common soilborne diseases: *Fusarium*, *Pythium*, *Phytophthora*

and *Rhizoctonia*. Whether you are starting seeds, sticking cuttings, transplanting plugs, or finishing, young plants don't have a store of reserves or a large root system to fight off diseases.

Young perennials will face pressure from disease in the nursery growing environment, but also at the garden center, and in the landscape after they are planted. This is why plants are commonly treated with broad-spectrum fungicides that protect against these common diseases early as well as disease pressure that may come later. Program approaches work best to control *Fusarium* and *Phytophthora* in perennials, and good cultural practices like sanitation and careful water management will help your fungicide program work even better.

**Empress® Intrinsic®** brand fungicide protects plants from soilborne diseases with a drench application that provides excellent root protection and plant health benefits.

**Pageant® Intrinsic** brand fungicide protects plants top and bottom, with over 26 foliar and root diseases on the label. Our newest disease control solution, **Orkestra™ Intrinsic** brand fungicide, provides preventive, early curative and residual control of key ornamental diseases.

The **Intrinsic** family of fungicides from BASF, including **Orkestra Intrinsic** brand fungicide, **Empress Intrinsic** brand fungicide and **Pageant Intrinsic** brand fungicide, deliver excellent protection from disease and plant health benefits to help speed recovery from stressors like cold, heat, drought and shipping.

Always read and follow label directions.

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