Introducing Trinity® fungicide for ornamentals: with the active ingredient triticonazole, Trinity fungicide has been registered for all turf uses and is now available to ornamental managers. Trinity is an excellent disease control option in rotation with other fungicides such as Pageant® Intrinsic™ brand fungicide from BASF.

Key Benefits when using Trinity fungicide:
- Broad spectrum disease prevention with systemic activity
- Excellent plant safety across many plant species when used inside or outside closed structures and across plant growth stages
- Labeled for use in all use sites where ornamentals are grown in production or used in landscapes

Trinity fungicide controls:
- Stem, crown and root rots, and blights caused by Rhizoctonia, Fusarium, and Sclerotium
- Leaf spots, powdery mildew, anthracnose, and scab diseases

See label for additional diseases and species controlled.

Trial on Control of Fusarium spp. on Delphinium
Pictures courtesy of Dr. S. Wegulo, University of Nebraska

Trinity fungicide new ornamentals uses and sites, including:
- Greenhouses, lathhouses, shadehouses, and interiorscapes
- Outdoor, field, and retail nurseries
- Non-turfgrass landscape areas on golf courses, parks, and recreation areas
- Residential and commercial landscapes
- All use sites previously approved by the US EPA for sites where turfgrass is grown and maintained – refer to the full label for details

Formulation: 1.67% (pounds per gallon) soluble concentrate (SC)
Packaging: 4 x 0.5 gal. per case
Active Ingredients: Triticonazole
Chemical Family: Triazole (Group 3)
Mode of Action: Disrupts cell membrane function in the sterol biosynthesis pathway also referred to as a demethylation inhibitor (DMI or SI).
Behavior in Plants: Provides both contact and upwardly systemic activity within the plant; penetrates acropetally, absorbed by leaf, crown, and roots.
Use Rates on Ornamentals: 4 – 12 fl. oz./100 gal.
Signal Word: CAUTION
REI: 12 hours
PPE: Long-sleeved shirt and long pants, chemical-resistant gloves, shoes plus socks.
Keys to Success

- Begin applications when conditions favor fungal infection and before disease symptom development
- Apply as a solo application or tank mix with another ornamental fungicide
- For leaf spot and powdery mildew applications, use of an adjuvant can aid in control
- Rotate with **Pageant Intrinsic brand fungicide** for broad spectrum disease prevention and control

Plant Safety Notes

Group 3 fungicides, which include triticonazole, the active ingredient in **Trinity fungicide**, can provide unwanted plant growth regulation effects on some ornamentals at some rates. Test **Trinity fungicide** on a sample of ornamentals under local growing conditions before large-scale use. Refer to the label for any other specifics on restrictions or limitations or tank mixing recommendations. **Always read and follow label directions.**

**Trial Results**

**Trinity fungicide efficacy against Fusarium spp. on Delphinium**
S. Wegulo, University of Nebraska, 2011

![Graph showing disease severity by treatment](image)

**Trinity fungicide** outperformed T-storm with significantly lower Fusarium infection.

**Trinity fungicide efficacy against Powdery Mildew on Rose**
A. Chase, Chase Horticultural Research, 2011

![Graph showing disease severity by treatment](image)

At 14DAT, **Trinity fungicide** reduced Powdery Mildew severity on roses better than Kleengrow.

**Trinity fungicide efficacy against Rhizoctonia spp. on Impatiens**
M. Benson, North Carolina State University, 2011

![Graph showing disease severity by treatment](image)

Both **Trinity fungicide** and **Pageant Intrinsic brand fungicide** control Rhizoctonia spp.