

# MEFENOXAM 2AQ

## PROTECT ORNAMENTAL ROOTS FROM PYTHIUM AND PHYTOPHTHORA

**Mefenoxam 2AQ** is a systemic fungicide specifically designed for the prevention and early curative control of *Pythium*, *Phytophthora*, and select downy mildew pathogens in greenhouse and nursery ornamentals. Formulated as a water-based aqueous concentrate (AQ), Mefenoxam 2AQ provides superior root zone distribution, rapid uptake, and long-lasting protection when applied as a drench or through chemigation systems. Mefenoxam 2AQ is an essential tool for greenhouse and nursery professionals focused on protecting plant health and maximizing crop quality.

### TECHNICAL DETAILS

**Active Ingredient:** Mefenoxam - 22.5%

**Formulation:** Aqueous concentrate (2 lbs ai/gal)

**FRAC Group:** 4

**REI (Reentry Interval):** 48 hours

**Packaging:** Available in quarts, gallons, and 2.5 gallons

### DISEASE CONTROL SPECTRUM

- *Pythium* spp. – damping-off, root rot
- *Phytophthora* spp. – root and crown rot, aerial blight
- *Peronospora* spp. and other downy mildews

### KEY FEATURES AND BENEFITS

#### Highly Systemic Protection

Rapid root uptake and translocation provide internal plant protection from root to shoot.

#### Effective Against Oomycete Pathogens

Controls destructive soil- and water-borne pathogens including *Pythium* spp., *Phytophthora* spp., and select downy mildews.

#### Flexible Application Methods

Can be applied via soil drench, chemigation, or foliar spray depending on crop and disease target.

#### Excellent Crop Safety

Proven track record of safety on a wide variety of greenhouse and nursery ornamentals when used as directed.

#### Low Use Rates

Delivers effective disease control at low use rates, reducing input costs and maximizing efficiency.

## USE RATES FOR GREENHOUSE AND NURSERY ORNAMENTALS

	Media Drench (fl oz/100 gal)	Pre-Potting Media Incorporation (fl oz/yard <sup>3</sup> )	Soil Surface Spray (fl oz/1000 ft <sup>2</sup> )	Foliar Application
Foliage Plants	0.29 – 0.59	0.12 – 0.25	0.98	0.49 – 0.98
Bedding Plants	0.12 – 0.24 (seeding) 0.49 – 0.98 (transplanting)	0.12	0.98	0.49 – 0.98
Cut Flowers	0.49 – 0.98	0.12	0.98	0.49 – 0.98
Azaleas	0.62 – 1.23		0.12 – 2.45	0.49 – 0.98
Woody Ornamentals	0.98 – 1.96		1.23 – 2.45	0.49 – 1.96
Rate exceptions exist for certain crops and uses. Always refer to the product label prior to use.  For downy mildew, mix Mefenoxam 2AQ with a non-Group 4 fungicide labeled for downy mildew control to ensure optimal efficacy and prevent fungicide resistance.				

## APPLICATION CONSIDERATIONS

**Drench applications:** Use enough volume to saturate growing media without excessive leaching.

**Pre-potting media incorporation:** Apply to growing media mix just before planting. Mix only enough for current use, do not store. Thoroughly mix Mefenoxam 2 AQ with pre-potting growing media before use.

**Soil surface sprays:** Apply in sufficient water to cover the plant root zone and irrigate with at least 0.5" water within 24 hours to allow for sufficient incorporation in the root zone and systemic uptake.

**Foliar application:** Spray foliage thoroughly just to the point of drip.

## BEST USE PRACTICES

- Apply preventatively or at first sign of disease.
- Rotate with fungicides from different FRAC groups (Group 4) to delay resistance.
- Maintain consistent soil moisture levels and avoid waterlogging to reduce disease pressure.
- Use in combination with sound cultural practices such as sanitation, proper spacing, and irrigation management.

**QUALI-PRO**

**quali-pro.com**

 @qualipro  @quali\_pro