



# SePRO Ornamental Solutions

The SePRO portfolio of ornamental solutions are designed to offer the professional grower reliable and cost-effective plant production. SePRO provides high-quality solutions for insect and disease control as well as plant growth regulation to help you bring healthy, sellable plants, and produce to market.

## Decree® Fungicide

- Standard for preventative and curative *Botrytis* control
- Excellent safety to flowers in bloom
- Little to no visible residue

## Obtego® Fungicide and Plant Symbiont

- Highly effective on soil-borne diseases
- Significant root enhancement
- Labeled for ornamentals and vegetables



## Junction® Fungicide/Bactericide

- Protection from two powerful, broad-spectrum chemistries
- Go-to option for leaf and needle blights, spots and casts
- Multi-site activity with low risk of resistance

## Topflor® Plant Growth Regulator

- No impact to flowering
- Versatile — uniform growth regulation across multiple species and stages of growth
- Forgiving — toned plants for high garden performance



# Decree® Fungicide

## The Industry Standard for *Botrytis* Control.

Over time, Decree Fungicide has become industry standard for preventative and curative control of *Botrytis* blight. Top to bottom, Decree is unsurpassed in preventing infection of *Botrytis* spores and at the same time inhibiting sporulation with the active ingredient, Fenhexamid. Decree has phenomenal plant safety and low visible residue, making it the ideal fungicide to use on sensitive crops such as poinsettias. They don't call it "The Industry Standard for *Botrytis* Control" for nothing!

### Features

- Unsurpassed *Botrytis* control
- Protective and curative
- Excellent crop safety
- Very low residue
- Vegetable and herb label

### Benefits

- Industry standard for quick and complete eradication
- Allows for initial eradication and reduces future breakouts
- Improved safety to sensitive plant tissue and blooms—including poinsettias in color!
- Maintain a sellable crop at all times
- Spray your food crops and ornamentals with the same tank

### Decree Quick Facts

<b>Use Sites</b>	Greenhouses/Shadehouses, Greenhouse Vegetables and Herbs, Outdoor Nurseries, Forest Conifers, Non-bearing Fruit Trees and Vines
<b>Pests Controlled</b>	<i>Botrytis</i> Blight, Powdery Mildew (suppression)
<b>Recommended Rate</b>	0.75 - 1.5 lbs. per 100 gallons
<b>Application</b>	Spray
<b>Pre-Harvest Interval (PHI)</b>	<b>Leafy greens:</b>
	3 days
	<b>Greenhouse vegetables (tomatoes, peppers, cucumbers, etc.):</b>
	0 days
<b>Restricted-Entry Interval (REI)</b>	12-hours
<b>Active Ingredient</b>	Fenhexamid
<b>Mode of Action (FRAC Group)</b>	Sterol biosynthesis in membranes (17)

Standard for preventative and curative  
*Botrytis* control.



# Obtego® Fungicide and Plant Symbiont

## Always Active. Never Lazy.

Obtego Fungicide and Plant Symbiont serves as a multi-functional tool for growers by protecting the plant from damaging soil-borne pathogens and enhancing root growth.

Obtego contains two unique fungi-based active ingredients. The two species combine to form a powerful fungicide that is effective in a wide range of soil and environmental conditions. Obtego is highly effective against diseases such as *Pythium* spp., *Phytophthora* spp., *Rhizoctonia* spp. and more.

Obtego and plant roots live in a mutually beneficial symbiosis. As Obtego colonizes the root system, the Obtego fungi promote competition and parasitism of plant damaging pathogens in the soil. In return, Obtego stimulates development of a robust root system. The end result is a healthy, high quality plant.

Verbena - Royal Romance



Untreated



5 oz. Obtego

### Features

- Biofungicide with efficacy comparable to traditional chemistries
- Broad use sites
- Multiple modes of action
- 4-hour REI and 0-day PHI
- Compatible with most fungicides
- Significant root enhancement

### Benefits

- Reduced human and environmental risk with excellent disease control
- One product for indoor and outdoor use
- Minimal risk of resistance
- Minimal interference with daily operations
- Seamless integration into any IPM program
- Substantial plant quality improvement



### Obtego Quick Facts

#### Use Sites

Greenhouses/Shadehouses, Outdoor Nurseries, Greenhouse Vegetables, Fruits and Herbs, Landscape Plantings, Interiorscapes, Christmas Trees, Turf

#### Pests Controlled

*Pythium* spp., *Phytophthora* spp., *Rhizoctonia solani*, *Sclerotinia* spp., *Fusarium* spp., *Sclerotium rolfsii*, *Verticillium dahlia*, *Armillaria mellea*, *Thielaviopsis basicola*

#### Recommended Rate

Dip: 0.25 - 2lbs./gal; Substrate mix: 0.5 - 1.5 lbs./cubic yard; Chemigation: 2.5 - 5 lbs./A; Drench: 2.5 - 7.5 oz./100 gal.

#### Pre-Harvest Interval (PHI)

0

#### Restricted-Entry Interval (REI)

0/4

#### Active Ingredient

*Trichoderma asperellum* strain ICC 080; *Trichoderma gamsii* strain ICC 012

#### Mode of Action (FRAC Group)

BM02 - multi MoAs

# Junction® Fungicide/Bactericide

## A Powerful Combination.

Junction Fungicide/Bactericide is extremely versatile, providing excellent control of a broad-spectrum of fungal and bacterial pathogens. The two active ingredients, mancozeb and copper hydroxide work together to deliver maximum plant protection. Junction is available in water-soluble packets making it easy to handle, mix and apply.

### Features

- Superior formulation
- Low risk of resistance
- Broad-spectrum disease control
- Very fine particle size

### Benefits

- Easy to handle use and is easy on spray equipment
- Great tool to incorporate into any IPM program
- Eliminate multiple diseases as well as algae utilizing a single product
- Maximizes leaf surface coverage for increased plant protection

Junction Quick Facts	
Use Sites	Greenhouses/ Shadehouses, Outdoor Nurseries, Landscape Plantings, Forest Conifers, Non-bearing Fruit Trees and Vines
Pests Controlled	<b>Bacterial Pathogens:</b> Erwinia spp., Pseudomonas spp., Xanthomonas spp., Bacterial Leaf Blight/Spot  <b>Fungal Pathogens:</b> Alternaria, Anthracnose, Black Spot, Botrytis Blight, Cercospora, Dothistroma Needle Blight, Downy Mildew, Leaf Spots, Needle-casts, Phytophthora, Powdery Mildew, Rust, Scab
Recommended Rate	15 - 3.5 lbs. per 100 gallons
Application	Spray
Restricted-Entry Interval (REI)	48 hours
Active Ingredient	Copper Hydroxide and Mancozeb
Mode of Action (FRAC Group)	Multi-site activity (M1 & M3)

# Topflor<sup>®</sup> Ornamental Plant Growth Regulator (Liquid)

## Your One-Stop PGR.

Topflor Plant Growth Regulator is one of the most versatile PGRs available. Topflor has the strength to regulate vigorous species, yet provides the proper amount of growth control for slower growing crops. Though Topflor is most active via root uptake, it can be effectively utilized as through foliar sprays.

As a result, drench applications of Topflor are more economical than many other PGRs. Topflor treated plants exhibit little-to-no delay in blooms. In fact, most plants treated with Topflor display a more vibrant flower as well as darker green foliage. The compact growth resulting from Topflor applications strengthen and tones the plants, increasing their tolerance to pest, environmental, and shipping stresses.

Suggested starting rate ratio for Topflor in relation to other PGRs		
Application Type	Topflor : Paclobutrazol	Topflor : Uniconazole
Spray	1 : 1	1.5 -1.75 : 1
Drench	0.25 - 0.5 : 1	1 : 1
Preplant Soak	0.25 - 0.5 : 1	1 : 1

### Features

- Multi-site absorption
- Little-to-no flower delay
- Versatile
- Improves plant health

### Benefits

- Excellent activity utilizing spray, drench, and pre-plant soak applications
- Reduce production time and help meet shipping deadlines
- Provides the perfect amount of growth regulation to a wide range of bedding, annual and perennial plants, bulb crops and woody ornamentals
- Higher tolerance to pests and environmental stresses

Topflor Quick Facts	
Use Sites	Greenhouses/Shadehouses, Outdoor Nurseries
Crops	Ornamentals such as bedding plants, herbaceous plants, perennials, container ornamentals and shrubs
Recommended Rate	Various
Application	Spray, drench, and chemigation
Restricted-Entry Interval (REI)	12-hours
Active Ingredient	Flurprimidol
Mode of Action (FRAC Group)	Gibberellic acid biosynthesis inhibitor (Class B)

