



WE'VE GOT YOU COVERED

EVERY FLOWER TELLS A STORY™

syngenta®

At Syngenta, we are committed to collaborating with growers to solve problems. We recognize the complexity of growing ornamentals and strive to work together to grow our understanding so we can continually deliver plant protection solutions with an impeccable attention to detail that highlights the beauty of plants. As your trusted partner, we've got you covered.

Fungicides



Premier Fungicide for Superior Control

Banner Maxx® II fungicide provides broad-spectrum control of foliar diseases on ornamentals grown in the landscape and outdoor nurseries.

- Provides effective, systemic control of powdery mildew, rust and many leaf-spotting diseases.
- Low odor, highly compatible and easy-mixing formulation.
- Delivers continual high performance at low use rates.



A Versatile Fungicide for Outdoor Applications

Concert® II fungicide helps prevent many key ornamental diseases in nurseries and landscapes.

- Two modes of action with contact and systemic activity provide effective resistance management.
- Preventive control of leaf spot, powdery mildew and rust diseases.
- Formulated to be rainfast and provide extended protection to plants in outdoor environments.



Industry-Leading Contact Fungicide Formula

Daconil® fungicide is a leading broad-spectrum contact fungicide with proven control of all major ornamental diseases.

- Available in water-dispersible granule, flowable and flowable-with-zinc formulations.
- Premium formulation offers fast, consistent protection.
- Built-in surfactant provides rainfastness for superior staying power to provide extended coverage and disease control.



The Core Component in Successful Disease Management Programs

Heritage® fungicide maximizes control from root to leaf on the toughest diseases with both foliar and drench applications.

- Broad-spectrum activity on all four major classes of fungi.
- A systemic strobilurin fungicide with a novel mode of action that can deliver up to 28 days of protection.
- Unique chemical structure provides control at every stage of the pathogen's life cycle.



With Medallion WDG Fungicide, You Can Have It All

Medallion® WDG fungicide is easy-to-use and provides powerful control of *Rhizoctonia* and a broad spectrum of root and foliar diseases at low use rates.

- User-friendly, water-dispersible granule formulation makes it easier to mix, measure, store and use.
- Provides extremely effective, long-lasting control against key foliar and stem rot diseases such as *Alternaria*, *Fusarium*, *Myrothecium*, *Rhizoctonia* and *Thielaviopsis*.
- Only fungicide in its chemical class so it is ideal for integrated crop management (ICM) and resistance management programs.



Fast, Powerful Fungicide for Ornamentals

Micora® fungicide delivers outstanding protection and strong control against diseases caused by downy mildew fungi and *Phytophthora spp.*

- LOK + FLO™ technology locks tightly to the plant surface and creates a barrier of protection, which is rainfast upon drying. Micora also flows into the plant to provide protection on both upper and lower leaf surfaces.
- Four-hour restricted-entry interval (REI) after application.
- Compatibility with beneficial insects makes it an ideal partner for ICM programs.



One Versatile Solution for Broad-Spectrum Disease Control

Mural™ fungicide protects ornamental and vegetable plants, trees and shrubs from the widest range of root and foliar diseases.

- Prevents and controls more than 50 ornamental diseases, including Botrytis, leaf spots and powdery mildew, and soilborne diseases like *Rhizoctonia* and *Fusarium*.
- Leverages the unparalleled performance of Heritage fungicide with the protection of an advanced generation SDHI (succinate dehydrogenase inhibitor) to provide translaminar and systemic movement within the plant for longer residual and stronger control.
- Built with an enhanced formulation for efficient mixing.
- Can be applied as a spray or drench in both greenhouses and nurseries at low use rates.



Two Unique Modes of Action for Ornamental Disease Control

Palladium® fungicide combines two active ingredients with contact and systemic activity to provide control on a wide range of foliar and stem diseases found in nursery and greenhouse production.

- Top choice for certain foliar diseases, especially Botrytis, in bedding plants, perennials, specialty annuals, foliage plants and woody ornamentals.
- Excellent tool for resistance management and rotational programs.
- Provides preventive and curative disease control for 7-14 days.



Essential Partner in the Fight Against Downy Mildew and Phytophthora Diseases

Segovis® fungicide has a unique active ingredient with strong systemic movement that makes it an essential addition to rotation programs.

- Long-lasting control of diseases caused by downy mildew and *Phytophthora spp.* at low use rates.
- Can be applied to ornamental crops, trees and shrubs in greenhouses, nurseries and commercial landscapes.
- Novel mode of action helps manage resistance concerns and strengthens fungicide rotation programs.
- Has a four-hour REI and no signal word.



Superior Control of Pythium, Phytophthora and Downy Mildew

Subdue Maxx® fungicide offers superior disease control with the flexibility to apply at any time, helping to enhance productivity and profit.



- Long-lasting, cost-efficient control of diseases caused by *Pythium*, *Phytophthora* and downy mildew fungi.
- Delivers systemic and contact activity, helping eliminate disease both inside the plant and on the plant surface.
- Micro-emulsion formulation for ease of mixing, tank-mix stability and plant safety.

Subdue® GR fungicide provides superior protection as a granular formulation for broadcast and soil incorporation treatments.

Plant Growth Regulator



When Growers Think Plant Growth Regulator, They Think Bonzi

Bonzi® plant growth regulator, the industry standard, consistently keeps plants uniformly compact, hardy and beautiful.

- Reliable production of a consistent formulation means growers know what they're getting in every jug to reduce the chance for plant damage.
- Well-known, proven product helps growers minimize their risk, especially on high-value crops.
- Can be applied as a spray, drench or pre-plant bulb soak on a wide variety of bedding plants, bulb crops, annual and perennial plants, as well as herbaceous and woody ornamentals.

Insecticides



A Staple of Profitable Ornamental Production

Avid® miticide/insecticide is widely used because of its proven, broad-spectrum control of mites and leafminers as well as suppression of aphids, thrips and whiteflies.

- A standard treatment for successful production of bedding plants and woody ornamentals in greenhouses, nurseries, shade houses and outdoor field production.
- Proven purification process filters out the less-active strains and provides the most potent active ingredient for the highest level of pest control.
- Translaminar activity allows the active ingredient to flow throughout the plant tissue to quickly stop insect feeding.



Effective, Long-Term Control of Fire Ants

Award® II fire ant bait has dual modes of action to target the queen, not just the foraging ants, with a fall and spring application program.

- Controls ants as a stomach toxicant and insect growth regulator.
- Very attractive to foraging ants and readily taken into the mound and transferred to the queen, workers and ant larvae.
- Versatile to use on many sites including, but not limited to, ornamentals, nurseries, turf, lawns and landscapes.



Delivers Targeted Control of Leafminers, Fungus Gnats and Shoreflies

Citation® insect growth regulator is highly effective against major dipterous pests in ornamentals.

- Provides control and reduces adult populations by inhibiting the development of the larval stage.
- Highly compatible with integrated crop management programs, including rotations with Avid and Mainspring® insecticides, as well as beneficial insects and nematodes.
- Can be applied as a spray or drench in indoor or outdoor production and on interiorscapes.



Delivers a Precision Strike Against Aphids and Whiteflies

Endeavor® insecticide helps control aphids and whiteflies with a unique chemistry and mode of action.

- Highly compatible with beneficial insects and integrated crop management programs.
- After ingestion, insects quickly stop feeding, reducing the possibility of virus transmission.
- Translaminar and systemic movement quickly protect the plant and provide residual control.



A Solid Foundation for Insect Control

Flagship® 25WG and Flagship 0.22G insecticides offer control across a broad spectrum of insect pests including aphids, whiteflies, leafminers and thrips.

- Patented Thiamethoxam Vigor Effect produces more vigorous and marketable plants, especially under stressful conditions.
- Systemic and contact activity on a wide variety of foliar and soil pests at immature and adult stages.
- Can be successfully incorporated with biological control or rotation programs.



Novel Active Ingredient for Systemic Control of Key Ornamental Pests

Mainspring and Mainspring GNL insecticides are in a unique chemistry class, making them powerful resistance management tools while offering an alternative to neonicotinoid chemistries.

- Broad-spectrum, systemic activity controls key chewing and sucking pests, including thrips, whiteflies, aphids, caterpillars, leafminers and leaf-feeding beetles.
- Systemic activity provides extended protection to save time and labor on repeated applications.
- Compatible with many beneficial insects and mites for use in ICM programs.



Mainspring is labeled for use in greenhouses, while Mainspring GNL can be used in greenhouses, nurseries and commercial and residential landscapes.



Long-Term Protection Without the Long Wait

Scimitar® GC insecticide is a pyrethroid that provides fast and broad-spectrum pest control at a low use rate.

- Water-based, microencapsulated formulation preserves the active ingredient for extended control.
- Fast-acting formulation stops plant damage quickly to provide enhanced plant quality and marketability.
- Provides excellent activity on lepidopteran pests and many others at a low use rate.

Herbicides



Premier Pre-Emergence Herbicide

Barricade® herbicide delivers low-rate, season-long control of more than 30 weeds that affect ornamentals.

- Long-lasting herbicide provides control of grassy and broadleaf weeds with one application.
- Can be used over the top of existing plants; controls weeds by preventing growth and development of newly germinated weeds.
- Very low solubility keeps Barricade from moving, minimizing any effect on plant roots.



Selective Grass Herbicide

Fusilade® II herbicide controls a wide variety of grass weeds without damaging valuable ornamental plantings.

- Selective herbicide for control of annual and perennial grass weeds over the top of ornamental plants to eliminate costly hand-weeding.
- Labeled for use in landscaped areas, nurseries, flower beds, groundcovers, interiorscapes, parks, commercial and residential areas.
- Rainfast in one hour, and the active ingredient moves quickly to all growing points.



Superior Weed Control for Ornamentals

Pennant Magnum® herbicide can be used on a range of ornamental plants for pre-emergence control of grass and broadleaf weeds.

- Pre-emergent herbicide offers long-lasting control of yellow nutsedge, annual grasses and broadleaf weeds.
- Broad-spectrum weed control that works well in a variety of settings.
- Easy-to-use liquid formulation allows it to be used alone or in approved tank-mix combinations.



Selective Weed Control for Woody Plants

Princep® Liquid herbicide is a pre-emergence herbicide that controls a wide variety of annual broadleaf and grass weeds in containers, field production and landscape plantings.

- Provides protection against a broad range of weeds including crabgrass, pigweeds, chickweed and groundsel.
- Works effectively in multiple areas.
- Liquid formulation allows for easy handling and mixing.



Fast and Precise Weed Control

Reward® herbicide is a non-selective landscape and aquatic herbicide.

- Fast-acting, contact herbicide starts working within hours of application.
- Economical product, ideal for greenhouse and nursery use.
- Works well as a trim and edge tool.

For more information about how the Syngenta Plant Protection portfolio can help you produce beautifully strong plants, please visit www.GreenCastOnline.com/Ornamentals



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