

GRIFFIN GAZETTE

Vol. 42 | Issue 3 | 2025



ROOTED IN STYLE
Garden Center Trends

The deliciousness of the
SUNFINITY SANDWICH

GROWING WITH STYLE
Premier Tech's Open Top Grow Bags

ESSENTIAL TOOLS
for young plant production



A FAMILY OWNED SINGLE SOURCE SUPPLIER FOR ALL YOUR HORTICULTURAL NEEDS



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VOL. 42 • ISSUE 3 | 2025

Welcome to the Griffin Gazette, delivering industry tips and insights from notable partners and experts.

In each issue, we bring you valuable knowledge, innovative strategies, and expert advice to help you stay ahead in your business. As a family-owned nationwide leader and distributor for more than 77 years, Griffin Greenhouse Supplies offers resources, workshops, and training to help you build a thriving growing business with knowledge-sharing and caring.

As your single source supplier for all your horticultural needs, we invite you to join us as we explore and serve industry expertise and empower your journey of growth and success.

GROWER-SUPPLIES LOCATIONS

1.800.888.0054

Denver, CO	Reno, NV (<i>Opening Oct. 6</i>)
Cheshire, CT	Auburn, NY
Stafford Springs, CT	Brookhaven, NY
Canton, GA	Schenectady, NY
Woodridge, IL	Perrysburg, OH
Tewksbury, MA	Gresham, OR
Gray, ME	Morgantown, PA
Bridgeton, NJ	Richmond, VA

PLANT & SEED LOCATIONS

General Inquiries

1.800.888.0054

Woodridge, IL
Morgantown, PA

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COVER PHOTO:

Growscape, formerly H.C. + CG Companies Sustainable containers featured on page 14.



PRODUCT *Feature*

RENEE'S GARDEN
SCATTER GARDEN
CANISTERS OUTRIGHT

Contains 36 Assorted Scatter Cans
DROP SHIP ONLY

Item #: 82260927

Vendor #: RGS

CP/UOS: 1

Sell Price: \$344.52

Shipping: \$40.00

Total Cost: \$384.52



ROOTED *In Style*

GARDEN CENTER PRODUCT TRENDS
YOU CAN'T MISS FOR 2026



TERRA COTTA HERB JARS

Terra Cotta Herb Jars are an excellent way to enhance your herb selection or even add value to your gardening workshops. Even in small spaces, you can create a big impact—these charming jars pack a punch of fashion and functionality. Pre-planted with easy to care for herbs, they make perfect, easy-to-gift items for Mother's Day or Father's Day promotions. Whether for display or gifting, these herb jars will elevate your plants!





BRIGHT & BOLD

From gardening tools to planters, bright and bold colors are capturing attention and appealing to shoppers' desire for lively, pops of brightness. One standout product that embodies this trend is Corona's Florabrite™ Flower & Harvesting Snips. These high-quality snips are perfect for harvesting flowers and plants, featuring durable high carbon steel blades for precision. Brightly colored Bloem planters in Mango, Mint, Lilac and Fuchsia not only add vibrancy to gardens but also allow gardeners to express their own personality and style through their garden décor. These bright colored planters are a MUST HAVE for retailing or grab and go displaying; be sure to order yours!



SAFE PEST SOLUTIONS

Safe Pest Solutions are one of the top concerns of gardeners. Environmental impacts are of importance to many consumers. Eco-1 Ready to Use Garden spray meets this mark. Eco-1 Garden Spray is a powerful, plant-based formula designed to protect and nourish your garden - all in one easy step. Made from natural oils and extracts, this eco-friendly spray helps control common garden pests while promoting plant vitality and leaf health. Non-toxic, residue free, and safe for people, pets and pollinators. Bonus! Safe for use on fruits, vegetables, ornamentals, and houseplants! Eco-1 Garden Spray controls aphids, mites, whiteflies and more! Ideal for organic and sustainable gardens!



RAISED BEDS

Raised bed gardening has emerged as a distinct and thriving category, largely thanks to the surge in interest sparked by the pandemic. Remember the over 18 million new gardeners who started during that time? Many of them are still actively gardening today, finding joy and fulfillment in growing their own food and herbs. Harvesting at home remains a key priority for modern gardeners, emphasizing fresh, homegrown produce. Get in on the trend with Centurion raised garden beds, made of premium metal alloy. To appeal to these gardeners, consider offering a "Starter Garden Kit"—a convenient bundle that combines beginner-friendly plants, such as herbs or easy-to-grow vegetables, with a pre-assembled raised bed and high-quality soil like Fox Farm's new Raised Bed Planting Mix!



CUT FLOWER GARDENS

Cut flower gardens remain a popular goal for many gardeners. Many gardeners dream of cultivating their own backyard flower patches to create beautiful bouquets but often feel overwhelmed or believe it's out of reach. Fortunately, this can be easily accomplished with Renee's Garden Seed Scatter Cans. Just rake the soil, shake the cans, and watch your garden flourish! Renee's Garden Scatter Cans can be purchased as a display or you also have the option to purchase these cans by the case pack for even more convenience. These scatter cans make great gifts retailing for \$19.99!



When you save on top solutions, brilliance follows

More options. More confidence. More brilliance.

You know what it takes to achieve perfection in every bloom. Vision, precision and solutions that work as hard against threats as you do. It's why we've expanded our portfolio to provide you with more ways to stay ahead of every challenge.

Miticide options to **stop mites at every stage.**
Insecticides that **protect above and below ground.**
Fungicides to **defend against diseases from root to tip.**

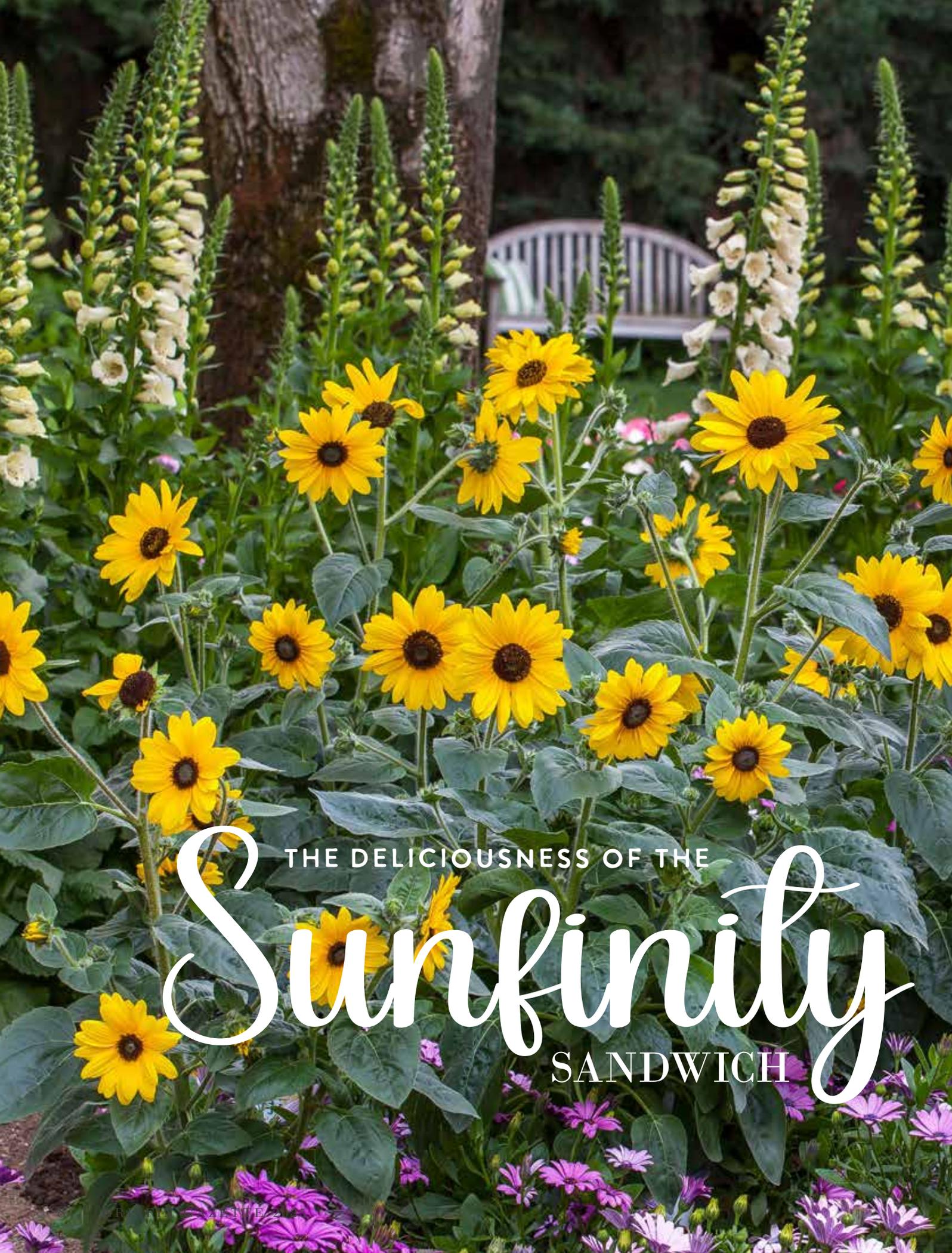
With more options, you choose what works best to keep growing your brilliance.

Envu **Earnings**



Scan to save with the Envu Earnings Early Order Program.





THE DELICIOUSNESS OF THE

Sunfinity

SANDWICH



By Technical Services, Syngenta Flowers

Sunfinity® sunflowers represent a revolutionary advancement in sunflower breeding, offering superior garden performance and high impact at retail. Unlike traditional sunflowers that cease blooming after cutting or provide only 3-4 weeks of garden interest, Sunfinity® delivers continuous, season-long flowering performance. These versatile plants excel in both in-ground landscapes and large container applications, making them an exceptional choice for growers seeking to maximize customer satisfaction.

The Sunfinity® collection offers three distinct flower profiles. Leading the lineup is the vegetatively propagated Sunfinity® Double Yellow, ideally suited for shoulder season sales with its refined garden dimensions of 28-36 inches in height and 24-28 inches wide. The seed-propagated varieties - Yellow Dark Center and Yellow-Red Bicolor - command attention with their impressive flower size and garden heights of 36-48 inches and spreads of 24-28 inches, dominating early summer retail across North America. The innovative "Sunfinity® Sandwich" strategy leverages these varieties' peak performance periods, positioning Double Yellow during the crucial May and August/September shoulder seasons, while the seed varieties take center stage during the prime summer months of June and July. Let's dive into the key propagation and production tips for this appetizing and scrumptious garden masterpiece.

Continued ►

Sunkinity Sunflowers

represent a revolutionary advancement in sunflower breeding, offering superior garden performance and high impact at retail.



HERE ARE THE INSIGHTS AND BENEFITS OF THE VEGETATIVE SUNFINITY® DOUBLE PRODUCTION:

- Root the Sunfinity® Double Yellow using a larger cell size like a 72 or 50-cell tray. At Syngenta Flowers we say “treat it like a dahlia” – generate the liner in three weeks and don’t pinch during propagation, shear or pinch just before or at transplant.
- Maintain good fertility and proper airflow in propagation; however, avoid the liner from drying out. Desiccation of the rooted cutting can lead to severe necrosis of the foliage. Use B-Nine® WSG early at 2,500 ppm and hold liner growth with Bonzi® sprinch concentrations of 0.5 to 1 ppm at the finishing stage.
- Trial work has shown that the Sunfinity® Double Yellow can be pinched at transplant, so this means less touches during production. Leave 4 to 6 nodes on the plant by removing just the shoot tip.
- Sunfinity® Double Yellow uses half as much PGR as compared to the Sunfinity® seed types. Concentrations of Bonzi® at 1 to 2 ppm can be applied a few weeks out from finish.
- Sunfinity® Double Yellow has powdery mildew resistance. It is recommended to apply a broad-spectrum fungicide for root and shoot protection, as well as a systemic insecticide for pest prevention.

HERE ARE THE INSIGHTS AND BENEFITS OF SEED SUNFINITY® PRODUCTION:

- The flexibility of seed Sunfinity® to sow it when you want to sow it, is a grower benefit, and it is very easy to program. It is 4 weeks in the 72-cell plug tray and 8 weeks to finish in gallon and larger containers.
- Different seed varieties, same protocol: There is more vigor with the Yellow Dark Center, but with summer production of the Yellow-Red Bicolor, the same production protocols can be adopted.
- Sunfinity®'s exceptional first flush of blooms transforms summer retail spaces with bold, pollinator-friendly displays that attract both customers and beneficial wildlife. For optimal Sunfinity® production, use the Sunfinity® Culture and PGR Guide to help achieve retail specification goals. For example, using a proactive approach, B-Nine® WSG at 5,000 ppm 10 to 14 days after the pinch followed by well-timed Bonzi® drenches at two critical growth stages: visible bud and cracked color helps growers consistently produce uniform, retail-ready plants. Proactive PGR timings eliminate the need for reactive corrections, streamlining summer production! For a detailed PGR guide, please visit: https://www.syngentaflowers.com/ams/sites/g/files/kgtney846/files/file_field/import/field_media_link/sites/g/files/zhg721/f/sunfinity_pgr_sell_sheet_photo_web.pdf.

Continued ►



WHEN THE TIME COMES, BRING BACK THE SUNFINITY® DOUBLE; HERE ARE SOME LATE SUMMER NOTES:

- It works great as a mum centerpiece (cuttings available until Week 26). With a 10-week production time from stick to finish in summer, you can have these crops ready for mum sales on Week 36.
- There are several insect pests and plant pathogens out there during summer production of annual crops. It is recommended to apply a broad-spectrum fungicide for root and shoot protection, as well as a systemic insecticide for pest prevention.
- Sunfinity® Double performs in the garden until frost occurs. Be mindful to maintain good fertility, making sure to top-dress with controlled release fertilizer, or apply periodic water-soluble fertigation for season long flowering and robust growth.

So, maximize your season with the Sunfinity® Sandwich strategy by positioning Sunfinity® Double Yellow as bookends during peak spring crops and garden mum production. Welcome summer with the large flowers of Sunfinity® Yellow Dark Center and Sunfinity® Yellow-Red Bicolor for a beautiful and bold retail display. Producing these seed varieties after Week 21, when production schedules slow, allows focused attention to growth control protocols. Remember, a proactive PGR strategy and watching for those key developmental phases are essential to help achieve the retail specification goals. Enhance late-season sales by programming Sunfinity® Yellow-Red Bicolor in mid to late summer, leveraging its Gaillardia and Rudbeckia-like appearance before transitioning to a vibrant fall lineup featuring Sunfinity® Double alongside mums, kale, zinnia, celosia, and marigolds.

As versatile as it is beautiful, Sunfinity® Sunflowers can be used in a multitude of ways. From the landscape bed to an indoor bouquet, Sunfinity® brings beauty to the home and garden — inside and out. Sunfinity® is a very pollinator friendly plant! Although it produces limited pollen, it is nectar-rich and offers a great habitat for bees, beneficial bugs and birds. Full culture for Sunfinity® is backed by Syngenta Technical Services with all info available here: <https://www.syngentaflowers.com/ams/sunfinity>

For more garden information about Sunfinity® Sunflowers please visit [MySunfinity.com](https://www.mysunfinity.com). □



GROWSCAPE'S SUSTAINABLE VISION
Growing with Purpose



GROWSCAPE

Growscape—the newly formed horticultural brand created by merging The HC Companies and Classic Home & Garden—understands that operating and conducting business sustainably is essential from grow pots to patio and beyond.

Every day, we are dedicated to our shared future that sustains our planet and communities. In doing so, we continue to move towards our two evolutionary goals:

- Zero virgin petroleum-based plastic content in all products, which are fully recyclable or degradable.
- 50% reduction in our operational carbon and water footprints.

SUSTAINABILITY IS CORE

To further our partnership with the horticultural industry, we are committed to being the sustainability leader through eco-efficient manufacturing, innovative product development, and responsible sourcing to create sustainable solutions. We emphasize thoughtful product design to reduce environmental impact while maintaining quality and value.

RECYCLED CONTENT & CERTIFIED SUPPLY

At Growscape we have committed to using at least 50% recycled content on average across all plastic products, including a guaranteed minimum of 20% post-consumer recycled (PCR) content. Crucially, PCR materials are sourced exclusively from APR-certified suppliers, with third-party verification.

CARBON REDUCTION IN ACTION

A true testament to Growscape's sustainability leadership is its carbon footprint initiatives. At Cultivate 2025 we introduced the Scope 1 and 2 carbon emissions findings and our innovative Keystone Pot & Tray System.

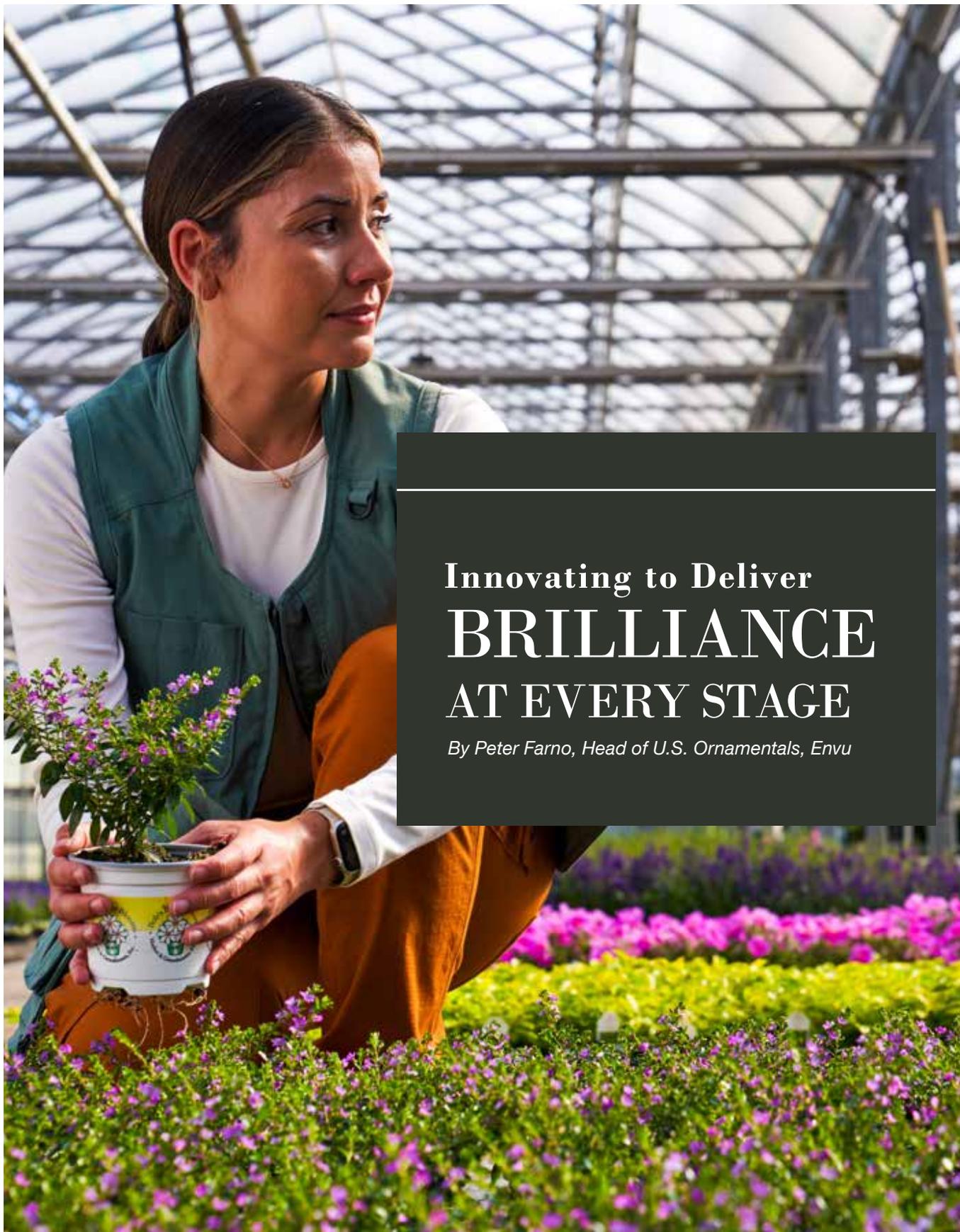
In the past two years, we have decreased our operational-related carbon emissions by 18% on a per pound basis. Every day, we work to identify and pursue opportunities to reduce our environmental performance.

Keystone is design-engineered to improve shipping efficiency by up to 25%, dramatically reducing freight volumes and transport-related carbon emissions.

A GREENER PATH FORWARD

We have embedded sustainability into our new product innovation process, continuously enhancing each new product with every iteration.

Growscape is rooted in dependable, strategic partnerships, confidence in our commitments, and progress in sustainable innovation. We are living our values to inspire customers, communities, and organizations to follow our lead into our shared future, one grow pot at a time.



Innovating to Deliver
BRILLIANCE
AT EVERY STAGE

By Peter Farno, Head of U.S. Ornamentals, Envu

This year's Cultivate'25 conference reinforced that the U.S. greenhouse and nursery market is expanding with strong market viability. Growers are searching for new innovations, beyond the products they know, to tackle their day-to-day challenges. The cause? Pest pressures due to mites, aphids, weeds, and fungal and root diseases are evolving to be more resistant to current offerings. Amplified by external challenges like labor shortages, growers demand (and deserve) products that deliver efficacy and peace of mind.

Envu has a focused commitment to the industry to solve grower problems—full stop. And, we're not just throwing out platitudes; we have a proven history of it. Our approach to innovation means we're not committed to the old paradigm of being constrained to the type of products we've historically produced. If growers present us with a new challenge, we're going to listen and work to develop a solution. That could mean a new product or a new acquisition that directly addresses that challenge, even if it doesn't fit neatly into what we've historically done. We were proud to share that approach with growers at Cultivate this year, and the response was positive.

Growers may know Envu from our legacy products like Marengo® herbicide, Altus® insecticide, Kontos® insecticide and Broadform® fungicide. In 2024, we took notice that while growers face different challenges in different regions, they want a singular company they can turn to for all the solutions they need, streamlining their plant protection plan and saving them time and money.

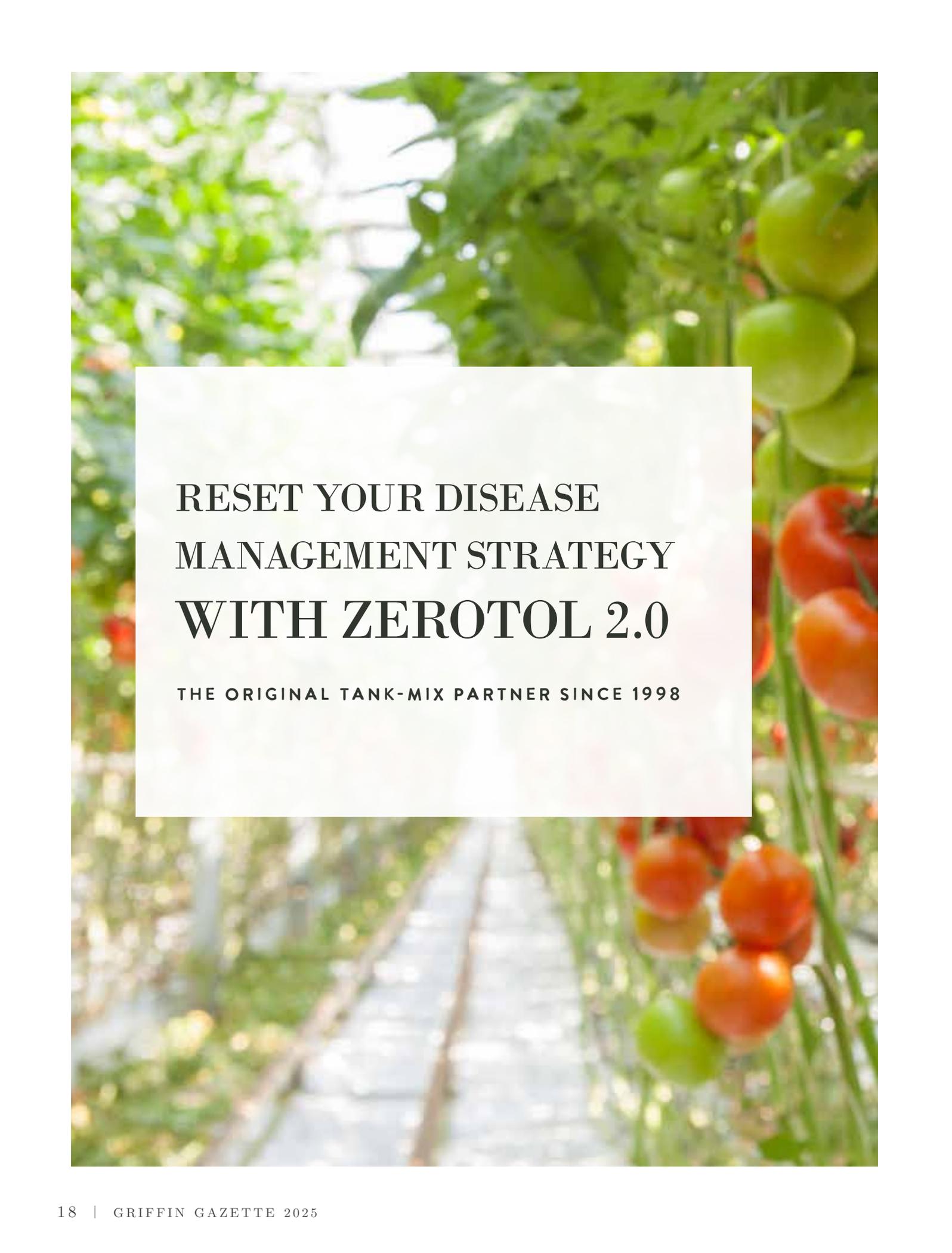
Over the last year, we expanded the portfolio with 10 new products through partnerships and the acquisition of FMC's Global Specialty Solutions portfolio, tripling our portfolio of solutions. We incorporated established and trusted brands like Floramite® miticide, Terrazole® fungicide, Adept® insecticide and Shuttle® miticide. Our approach to innovation gives Envu a new arena to support growers with a plant growth regulator. Envu now offers B-Nine® WSG, helping growers produce compact, visually appealing plants by shortening internode length and improving plant structure.

Envu shared development plans for a new picarbutrazox fungicide with registration anticipated in the second half of 2026. This new product will give growers another tool to control downy mildew and Pythium root rot. Picarbutrazox has translaminar activity and no known cross-resistance between it and other oomycete chemistries, making it a new standard for Pythium control and resistance management.

We are quickly approaching the end of the busy growing season. Now is the time to plan for what is needed in 2026 to ensure the right products are on the shelves, ready when the moment demands. The 2025 Envu Earnings Early Order Program (September 1 – December 5, 2025) allows growers to lock in inventory for the next year, finalize financial commitments to allow for a clearer financial picture as they plan out their balance sheets, and obtain cost savings by buying early and in bulk. Envu offers a range of discounts and rebates for growers who take advantage of the program, including off-invoice tier discounts, volume-buy rebates, multi-brand rebates, and expanded tier rebates. Growers need to be a member of My Envu Rewards to take advantage of the program; enroll at rewards.envu.us to get started, and earn points toward financial rewards by participating in the program.

Our expanded ornamentals portfolio is designed to give greenhouse and nursery growers more control over the day-to-day challenges, delivering season-long protection when every detail matters. We're committed to continuing to provide growers the best possible products, and we're proud to be the trusted choice of growers across the country.

ALWAYS READ AND FOLLOW LABEL INSTRUCTIONS. Environmental Science U.S. LLC, 5000 CentreGreen Way, Suite 400, Cary, NC 27513. For additional product information, call toll-free 1-800-331-2867. www.envu.com. Not all products are registered in all states. Altus®, Broadform®, Envu and the Envu logo, Kontos® and Marengo® are trademarks owned by Environmental Science U.S. LLC or one of its affiliates. Adept®, B-Nine®, Floramite® and Terrazole® are trademarks of UPL Corporation Limited Group Company. Shuttle® is a trademark of its respective company. ©2025 Environmental Science U.S. LLC.



**RESET YOUR DISEASE
MANAGEMENT STRATEGY
WITH ZEROTOL 2.0**

THE ORIGINAL TANK-MIX PARTNER SINCE 1998

In the battle against plant pathogens, every grower knows the importance of consistency, efficacy, and long-term sustainability. ZeroTol® 2.0 is a proven on-contact biopesticide that's been resetting disease clocks and enhancing crop protection strategies for over two decades. Whether you're dealing with visible outbreaks or aiming to keep pressure low, ZeroTol 2.0 is the flexible, cost-effective, performance-boosting partner your disease management program needs.

ON-CONTACT POWER THAT WORKS LIKE A RESET BUTTON

ZeroTol 2.0 stands apart thanks to its immediate on-contact activity. Before diseases develop and throughout disease progression when visual symptoms are present, this powerful solution rapidly reduces pathogen inoculum and pressure, essentially resetting the disease clock. It's not just about stopping disease in its tracks; it's about giving your crops a cleaner slate to thrive moving forward.

This fast-acting response is especially valuable during periods of high pressure, allowing growers to react quickly and decisively when conditions favor disease development. From greenhouses to nurseries, ZeroTol 2.0 is an essential line of defense.

REDUCING RESISTANCE & ENHANCING THE PERFORMANCE OF CONVENTIONAL CHEMISTRIES

Systemic and translaminar fungicides are indispensable tools in the modern grower's arsenal, however, reliance on conventional chemistries increases the likelihood of mutational resistance. Performance can be compromised when pathogen loads are already high or when resistance starts to build; It is in these conditions that ZeroTol 2.0's unique formulation makes a difference.

ZeroTol 2.0's greatest strengths lie in its ability to preserve fungicide efficacy and support resistance management strategies with a unique mode-of-action that doesn't contribute to resistance development. ZeroTol 2.0 also helps eliminate synthetic resistant inoculum thus improving the efficacy and longevity of conventional chemistries.

By drastically reducing initial pathogen levels, ZeroTol 2.0 reduces the pathogen load allowing for these chemistries to do their job more effectively. With fewer pathogens to contend with, systemic products can focus their targeted activity, improving outcomes and extending the lifecycle of these vital tools.

PROVEN COMPATIBILITY

ZeroTol 2.0 is designed to integrate seamlessly into your tank-mix program, making it a true plug-and-play solution for growers already managing complex treatment strategies.

Applying weekly at low rates (1:300 or 1:500) consistently is more effective than intermittent applications of higher, rescue rates.

Incorporating ZeroTol 2.0 into your spray program helps prolong the life of standard chemistries, minimizing the need for frequent product changes. ZeroTol 2.0 is a smart investment in the long-term sustainability of your IPM program.

Since its debut in 1998, ZeroTol 2.0 has earned a trusted place in the toolkit of commercial growers across North America. Its on-contact activity, broad compatibility, and role in sustainable disease control make it the original tank-mix partner on the market.

Why Growers CHOOSE ZEROTOL 2.0 AGAIN AND AGAIN



To learn more or to find out how ZeroTol 2.0 can be integrated into your growing operation, contact Mike DeRubbo, Northeast Technical Sales Representative at 860-461-9525, or visit BioSafeSystems.com.

BioSafe Systems® – Simply Sustainable. Always Effective.



ESSENTIAL
TOOLS
FOR YOUNG
PLANT
PRODUCTION:

BUILDING SUCCESS FROM DAY ONE

By Tanner Bailey & George Grant, Ph.D., GGSPRO Technical Specialists

The success of any crop starts long before the first flowers bloom or foliage fills out. For young plant production, the earliest days of propagation are arguably the most important. Mistakes made during this stage can ripple through the entire crop cycle, while well-executed strategies can set the stage for clean, healthy, uniform plants. This article highlights essential tools that should be part of every grower's toolkit, from sanitation and rooting aids to pest management and pest monitoring systems.

SANITATION & CLEANERS: BUILDING ON A CLEAN FOUNDATION

Sanitation is the first line of defense regardless of what stage of production we are operating in. Pathogens, pests, and algae don't wait for plants to arrive; they're often already present on benches, floors, trays, and inside irrigation lines (Figure 1, shown on next page). A proactive sanitation program dramatically reduces the risk of early outbreaks and sets the tone for a clean production environment.

Strong cleaners like Strip-It PRO and GreanClean Acid Cleaner can physically remove organic buildup allowing sanitizers such as KleenGrow or ZeroTol 2.0 to easily disinfect surfaces. For water treatment, these two sanitizers also offer ongoing line maintenance, compatible with injectors and useful for both pre-crop resets and mid-season maintenance. Incorporating routine sanitation of both surfaces and irrigation lines helps protect young plants when they're at their most vulnerable.

PLANT DIPS: STARTING CLEAN TO STAY CLEAN

Plant dips are one of the most underused but effective tools in young plant production. Applied at the point of arrival, they can significantly reduce the introduction of pests and pathogens into propagation areas. Particularly when receiving unrooted cuttings from warm-climate production sites, the use of preventative dips is a smart strategy.

A good dip includes a complete submergence into a broad-spectrum product such as EpiShield, Principle WP, or BotaniGard 22WP to ensure even coverage across all plant surfaces (Figure 2, shown on next page). Timing and crop sensitivity are key: not all crops tolerate dips the same way, so always refer to product labels or consult GGSPRO for compatibility guidance.

Continued ►



FIGURE 1 | Biofilm buildup in irrigation lines (left); algae development under propagation benches and walkways (right)



FIGURE 2 | Unrooted cuttings submerged in tank (Photo Credit: BioWorks)

ROOTING AIDS: PROPAGATION SUCCESS WITH HORTUS IBA

Root initiation is where the magic begins, and Hortus IBA Water Soluble Salts and Advocate have become industry staples. Whether applied as a spray, basal dip, or soak, these water-based rooting hormones offer user flexibility and reliable performance. Growers appreciate their clean solubility and range of application strategies. It's suitable for nearly every propagation setup and encourages consistent root formation across a wide variety of species. Just remember: using clean tools and applying evenly across trays ensures the best results.

EARLY PEST MANAGEMENT: BROAD-SPECTRUM SPRAY TOOLS

Early-season pests like thrips, fungus gnats, and mites don't wait to strike, and neither should growers. A well-planned rotation of broad-spectrum sprays is essential to getting ahead of pest populations before they explode.

Products like XXpire, Pradia, Citation, and Altus provide effective coverage against key insects. For early disease control, especially *Botrytis* in mist-heavy environments, turn to fungicides like Medallion, Palladium, Postiva, Avelyo, Affirm, Pageant, and Mural.

Don't forget to include a reliable spray surfactant such as CapSil or UpTake PRO in the tank mix when compatible. Their superior spreading and coverage properties are especially useful on hairy or waxy young foliage, improving contact and control. Spray early, spray smart, and adjust based on scouting data.

BIOLOGICAL CONTROL & MICROBIAL OPTIONS

An increasing number of growers are integrating "soft chemistry" and biocontrol strategies into propagation, and for good reason. Biological tools

work best when pest populations are still low, making propagation the ideal entry point.

Microbial insecticides like Principle WP, BotaniGard 22WP, NoFly WP, and LalGuard M52 OD target larvae and adults of various common pests with minimal plant stress and re-entry interval concerns. These fungal-based products also thrive in propagation environments that rely on moderate temperature and high humidity. Tank mixing contact microbial insecticides with azadirachtin-based products such as Azatin O, AzaGuard, or Aza-Direct can further boost pest control efficacy by preventing fungal spores from being molted off and keeping insects at more vulnerable juvenile life stages. Utilization of these unique modes of action as weekly maintenance sprays helps reduce reliance on conventional chemistry options as that can be later used in finish production.

Beneficial insects and entomopathogenic nematodes offer biological support from the soil up. Biological control agents (BCAs) *Stratiolaelaps* and *Amblyseius cucumeris* are two powerhouse predatory mites that help control fungus gnats and thrips, respectively. Use *Steinernema feltiae* nematodes to target both fungus gnat larvae and pupating thrips found in propagation media. Keep in mind: BCAs thrive in clean environments. Introduce them preventatively, not reactively, and maintain a suitable climate to support their activity. GGSPRO works with growers on a daily basis developing customized BCA programs to balance budget, labor, and economic threshold needs.

STICKY TAPE: SMALL TOOL, BIG IMPACT

Don't overlook the power of Yellow and Blue Sticky Tape. These simple tools serve two critical roles: monitoring pest trends and physically reducing flying adult pest populations. Sticky rolls or cards placed at bench level and near doors, vents,

Continued ►



and lights provide fast insights into emerging pest pressure (Figure 3). They're particularly helpful for tracking thrips and fungus gnats in propagation spaces, allowing growers to adjust treatments before problems escalate. Bonus: they help reduce the reproductive potential of flying adults, reinforcing the impact of spray and biological programs.

EQUIP FOR SUCCESS

Propagation is the most sensitive phase of production, and also the most rewarding when done right. By building a toolbox of essentials that includes sanitation, plant dips, rooting aids, pesticide rotations, biological controls, and sticky traps, growers can establish a healthy crop foundation and avoid costly setbacks. The GGSPro Team here at Griffin is always available to help tailor recommendations to your specific crops, systems, and seasonal conditions. Don't hesitate to reach out for help building a young plant success plan from day one.

FIGURE 3 | Yellow sticky tape installed above propagation bench



Stays in place.
Even when
pots don't.



OSMOCOTE®
FUSION

Lost fertilizer is lost profit.

Traditional topdress fertilizers can fail in inclement weather or during transport. Tipped pots mean wasted fertilizer, labor, and money. The molecular bonding technology in Osmocote Fusion bonds the nutrient prills to the soil, keeping them in place in the event of a tipover. This means less waste, stronger growth, and a healthy bottom line. Don't take a chance—stick with Osmocote Fusion.



growwithosmocote.com
Success is in the bag



OPENING UP
POSSIBILITIES WITH

PREMIER TECH'S
OPEN TOP
GROW BAGS



*By Allie Allgeyer & Elwood Roberts,
GGSPRO Technical Specialists,
Griffin Greenhouse Supplies*

Premier Tech's innovative Open Top Grow Bags are quickly becoming a go-to solution for professional cannabis cultivators seeking optimal performance and adaptability. These grow bags are designed with user friendliness, practicality, and plant health in mind and have seen quick adoption for several key reasons.

THE BAG

Each bag is co-extruded with a white exterior and a blue interior, an intentional design that serves multiple functions. The white outer layer reflects light, helping to minimize root zone heating in high light conditions, while the blue inner layer reduces light penetration, promoting healthier, more vigorous root development.

Available in three sizes - 2 gallon (Code: 20021RG, 400 units per pallet), 3.5 gallon (20051RG, 294 units per pallet), and 7 gallon (20101RG, 135 units per pallet) - Premier Tech offers flexibility for operations of all scales. Growers can select the ideal volume based on production schedule, feeding strategy, and dry down periods, giving better control over plant management and environmental response.

Made from durable, high-quality material and equipped with 8 pre-cut drainage holes, these bags support optimal root aeration and drainage which are critical factors for preventing overwatering and promoting strong, healthy growth. The open-top design simplifies planting, transplanting, and monitoring, while also making them compatible with a wide range of production systems.

Continued ►



THE SOIL

Premier Tech's new Open Top Grow Bags come pre-filled with PRO-MIX® HP® which is a composed of 65-75% Canadian sphagnum peat moss, along with horticultural grade perlite, calcitic and dolomitic limestone for pH stability, and a wetting agent. This combination of ingredients supplies the characteristics of good drainage, high air porosity, and lower water retention for easy to achieve dry downs. However, a key feature is the addition of AGTIV® REACH™ technology which utilizes a beneficial endomycorrhiza, *Rhizophagus irregularis*, to improve plant growth. These pre-inoculated, mycorrhizal spores germinate in the growing medium and produce a web of hyphae which enter into the root cells. This symbiotic relationship creates a network of filaments that have the ability to access more nutrients and water than the roots by themselves and transfers them to the plant to increase growth rates. Mycorrhizae have a proven track record for a range of crop species providing a myriad of plant health benefits including environmental stress mediation.

Unlike traditional compressed bales, the growing medium in these bags is pre-loosened and ready to use. All that's required is a quick shake of the bag before tearing the top open for these to be planting ready. This streamlined approach saves time, ensures uniformity, and offers a predictable solution that can reduce labor.

Continued ►

THE RESULTS

The Grow Bags deliver measurable results, including uniformity, efficiency, and healthier plants. Because each bag comes pre-filled with loosened, biologically active media, growers benefit from consistent substrate quality across the crop, leading to more uniform plant development and predictable performance. This ready-to-use format significantly reduces labor and time spent on media preparation, allowing teams to focus on cultivation rather than setup. The enhanced root development driven by mycorrhizae supports faster establishment and improved nutrient uptake, resulting in stronger, more resilient plants. Additionally, the need for bulky mixing equipment and bale-fluffing tools is eliminated, simplifying the workflow and freeing up valuable space in your grow facility. The sanitation process is also simplified as the Open Top Grow Bags offer an easier alternative to handling pots and media from transplant to harvest. The result is a streamlined, high-performing system that supports better crops with fewer inputs.



Premier Tech's Open Top Grow Bags are a cultivation tool engineered to enhance plant health and operational efficiency from seed to harvest. Whether you are fine-tuning your grow in a climate-controlled greenhouse or scaling up a commercial operation, these bags are designed to meet the demands of modern cannabis production.



e-LEARNING PLAYBOOK *Video Series*

Watch these 60 minute deep-dives into each trending topic, designed to give you insights and strategies that boost your business, raise your awareness, and drive real growth and results.



Video Release Dates

9/24 | POLLINATOR SAFETY CONCERNS RELIEF FROM NEONIC RELIANCE

As pressure to reduce or eliminate neonicotinoid use grows, this session provides practical strategies for maintaining effective and affordable pest control without compromising crop quality. Viewers will explore neonic-free spray and drench options, label guidance for pollinator safety, and tools to support a smooth transition away from neonics.

10/15 | RAISING THE BAR IN QUALITY: PGR TOOLS & STRATEGIES FOR ORNAMENTALS

This session highlights how strategic use of Plant Growth Regulators (PGRs) can improve plant quality, reduce labor, and keep crops on schedule. Growers will gain practical guidance on product selection, application methods, and timing to maximize the benefits of PGRs from propagation through finish.

11/5 | FROM LABEL TO LEAF: OPTIMIZING PESTICIDE APPLICATIONS

Join us as we equip growers and applicators to improve pesticide efficacy by aligning product selection and application methods with pest location and crop stage. The session emphasizes turning label information into practical, cost-effective decisions that drive better outcomes in the greenhouse or nursery.

11/19 | BUILDING BETTER PEST PROGRAMS: TARGETED TIMING & LIFE CYCLE-BASED CONTROL

This segment focuses on building comprehensive pest control programs by improving scouting, monitoring, and your understanding for how product efficacy varies by insect life stage. Attendees will learn to time applications more precisely, rotate products strategically, and reduce resistance pressure while maximizing control and minimizing cost.

What To Expect:

On each date above, a video will be released on Griffins.com. These on-demand videos are free of charge when you log into your Griffins.com account.

After watching each video you'll be able to contact our GGSPRO Team directly for further information about your specific issue or application.

Products featured in these videos can be easily purchased directly on the e-Learning Playbook page.

THEY'RE GROWING LIKE ROCK STARS



John Urbanowicz
Owner, Urban Growers
Burton, OH



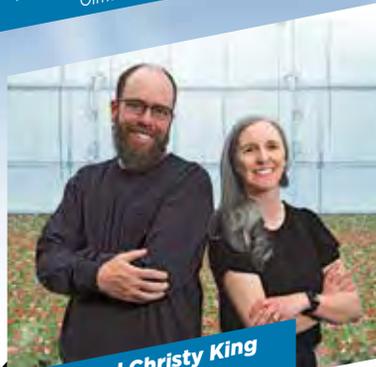
Jessie Hawkins
Vice President, Uncle John's Plant Farm
Olmsted Falls, OH



Jason Sbiral
General Manager, Plantpeddler
Cresco, IA



Tiffany Sustar
Co-Owner, Buchwalter Greenhouse
Wooster, OH



Bart and Christy King
Co-Owners, King Farm
Townsend, MA



Liz Hook
Co-Owner, Hook's Greenhouse
Wellington, OH



**CLICK TO DISCOVER
HOW THEY MADE IT!**



WE ARE PROUD TO SPOTLIGHT GROWERS
WHO LEAD LIKE ROCK STARS
AND TO AMPLIFY THEIR SUCCESS

VISIT PTHORTICULTURE.COM/ROCKSTAR

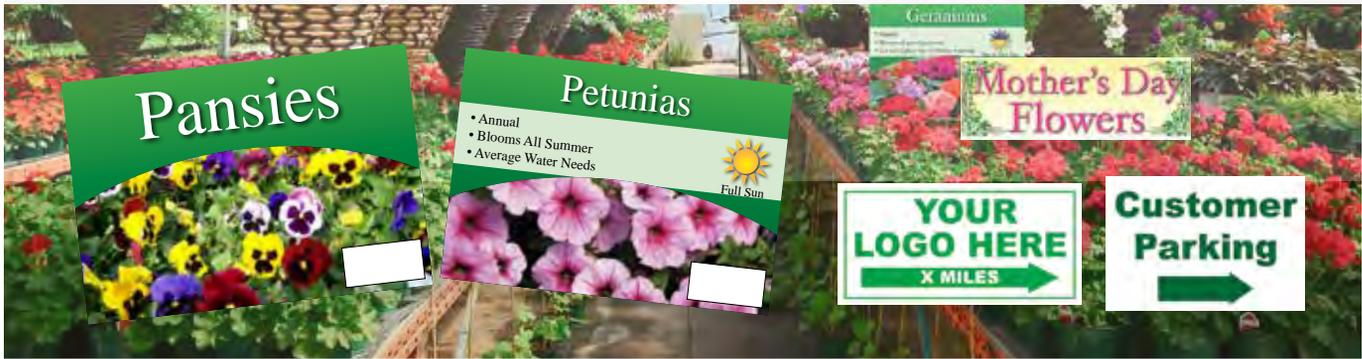




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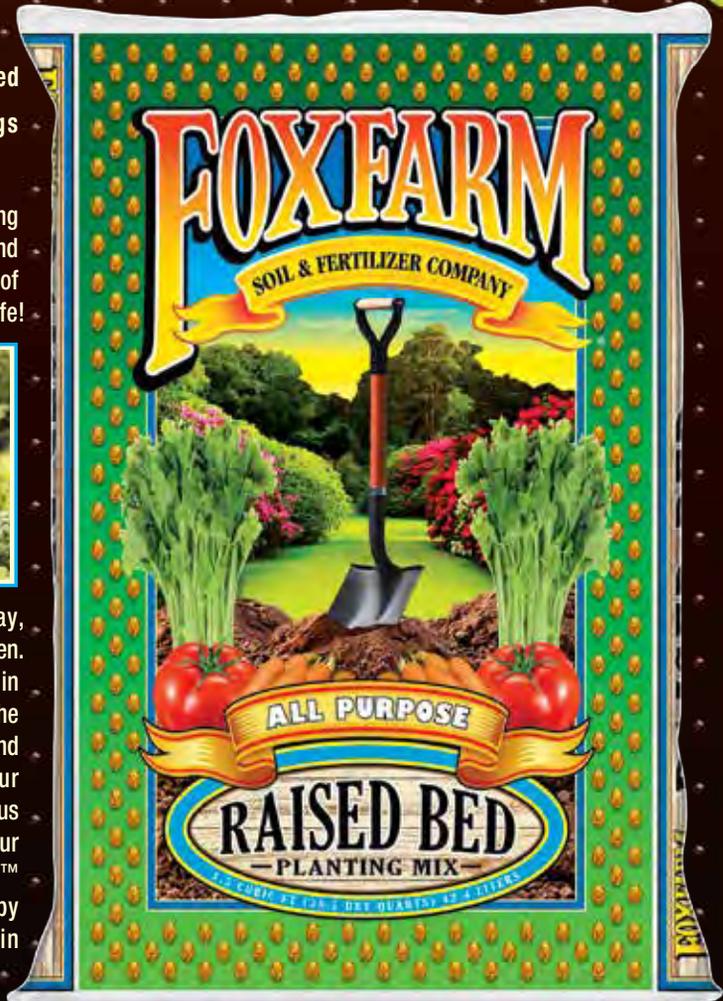
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- ◆ Retains Moisture

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From ancient civilizations to current day, goodness still remains the same in a garden. From watering to harvesting your bounty, be in harmony with Mother Nature, and enjoy the fruits of your labor. Share the experience and thrill of growing something new with your children, and come together over a delicious and healthy home grown meal. Uplift your spirits and Bring More Nutrition To Your Table™ when you grow yourself another hobby using FoxFarm® Raised Bed Planting Mix in your garden.



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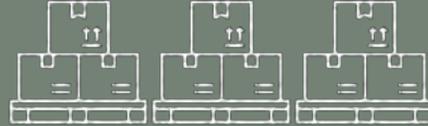
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®

Simplifying Freight. Expanding Opportunities.

Introducing our new zoned freight policy



Effective September 1, 2025

Landmark Plastic is simplifying freight for customer with a regional, per-pallet structure.

Benefits:

- Flat LTL rates by region with tiers for 1-5, 6-11 and 12-23 pallets
- Prepaid Freight at 24-26 pallets to one location



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Contact your Griffin Sales Representative
today!

Reset the Disease Clock: Join Our Webinar



Fungicide resistance is rising, and with it, the pressure on your disease control program. As pathogens adapt to repeated use of conventional chemistries, growers need new ways to protect crop health and preserve the performance of their existing tools.

Join BioSafe Systems for a free, 20-minute webinar where we'll break down how integrating **ZeroTol® 2.0** into your rotation can help **reset the disease cycle**, reduce inoculum, and provide an effective, resistance-neutral tool for your IPM program.



We'll Cover:

- Why pathogen load is the missing link in many spray programs
- How to tank mix or alternate for better FRAC stewardship
- Reduce selection pressure and maintain efficacy of single-site actives

October 8, 2025 | TIME: 1:00pm EST
Presented by Eric Smith

Register: <http://bit.ly/3VsGLRH>

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the Sky is the Limit!**

GRIFFIN CONSTRUCTION & FABRICATION

Grow Better. Build Smarter. Save More.

Whether you're planning a brand-new greenhouse, expanding your footprint, or upgrading aging structures, Griffin Construction is your full-service partner for smarter growing. We help you build for the future—efficiently, affordably, and strategically.

Maximize Your Year-End Tax Benefits Now!

You may be eligible for major tax incentives—but only if your project is completed and in-use by December 31.

Section 179 & Bonus Depreciation allow you to deduct up to 100% of your greenhouse investment this year. That includes:

- Greenhouse structures, controllers & benching
- Automation equipment – seeders, mixers, fillers, conveyors, transplanters
- HVAC equipment and more!

Use your savings to reinvest and grow—literally.

Why Griffin Construction?

As a family-owned single source supplier, we deliver hands-on, personalized solutions to help you grow:

- Complete project support from planning to material delivery with labor solutions as well
- Strong collaboration from start to finish and beyond to ensure project success and satisfaction
- Tax-smart scheduling to maximize your return
- Greenhouse planning + equipment upgrades = seamless service
- Serving greenhouse growers since 1947 with quality products and know-how

What Section 179 Means For You

Business Income With Or Without Bonus Depreciation

In this example, we will assume the following for a greenhouse operation:

Taxable income: \$1,000,000
Tax Rate (example): 30%
Equipment Purchased: \$250,000

Without Bonus Depreciation (Straight-Line)

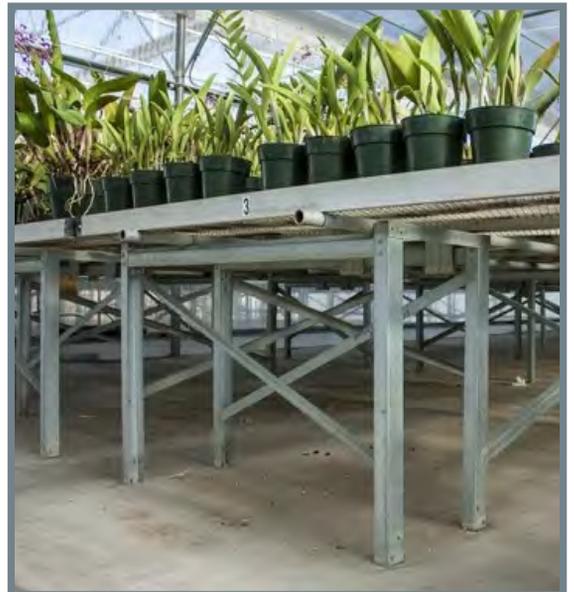
Typical depreciation method is straight-line over 5 years
Using this method, you only deduct 1/5 of the equipment cost this year

Deduction this year: \$250,000 divided by 5 = \$50,000
New taxable income: \$1,000,000 - \$50,000 = \$950,000
Tax owed: 30% x \$950,000 = \$285,000

With 100% Bonus Depreciation

With this tax incentive, you deduct the full \$250,000 in year 1

Deduction example (full cost): \$250,000
New taxable income: \$1,000,000 - \$250,000 = \$750,000
Tax owed: 30% x \$750,000 = \$225,000



How to Take Advantage

1. Consult your tax advisor to ensure you qualify under Section 179 and Bonus Depreciation.
2. Start your construction quote now by writing ConstructionDept@griffinmail.com or call: 800.888.0054 (Press 3)

Build Now. Benefit All Year.

Griffin Construction helps you build smarter, grow faster, and profit more.
From concept to completion, we're the single source supplier and partner growers trust.

Learn more about Section 179:
<https://www.irs.com/en/what-is-section-179/>

Don't wait—maximize your tax advantage and upgrade your operation today!



Disclaimer: Always consult a tax professional to confirm eligibility, limits, and applicability for your business

PRODUCT *Specials*

PURCHASE YOUR CROP PROTECTION & FERTILIZER NEEDS

Griffin is excited to announce the best time of year to purchase your crop protection and fertilizer needs. This program allows for you to take advantage of great offers from our partners and June terms on all of your chemistry. With Syngenta GreenTrust 365, you can lock in your rebate for purchases all year round.

Check out these great programs:

Programs	Discounts/Rebates	Minimum Qualifying Order	Payment Terms	Terms Code
OHP Fall Grower Special	Discount Up to 15%	N/A	Net June 5, 2026	KS
BioSafe Systems	Discount Up to 20%	N/A	Net June 5, 2026	KS
BioWorks	Up	N/A	Net June 5, 2026	KS
Corteva Ultimate Rewards	Up to 40%	Apply by brand	Net June 5, 2026	KS
NuFarm Edge Rewards	Rebates up to 24%	\$3,000.00 and 2 brands	Net June 5, 2026	KS
Envu Ornamental EOP	Discounts / Rebates up to 23%	\$5,000.00	Net June 5, 2026	KS
BASF Fall Grower Event	10%-15% off invoice	N/A	Net June 5, 2026	KS
SePro Pinnacle EOP Rewards	Rebates up to 16%	\$2,500.00 and 2 brands	Net June 5, 2026	KS
Syngenta GreenTrust 365	Rebates up to 23%	\$5,000.00	Net June 19, 2026	KD

Please pay attention to ordering and invoicing windows and know that some programs offer additional bonuses based on the timing of the order.

Programs	Program Start Date	Order Deadlines	Invoiced By:	Additional Bonus When Purchased By:
OHP Fall Grower Special	8/26/2025	10/31/2025	10/31/2025	
BioSafe Systems	8/26/2025	10/31/2025	10/31/2025	
BioWorks	8/26/2025	12/15/2025	12/15/2025	
Corteva	10/1/2025	12/8/2025	12/8/2025	
NuFarm Edge Rewards	8/26/2025	10/31/2025	Period 2 12/5/2025	Period 1 October 31, 2025
Envu Ornamental EOP	9/1/2025	12/5/2025	12/5/2025	September 30, 2025
BASF Fall Grower Event	10/1/2025	11/30/2025	11/30/2025	
SePro Pinnacle EOP Rewards	10/1/2025	12/12/2025	12/12/2025	
Syngenta GreenTrust 365	10/1/2025	12/10/2025	12/10/25	October 31, 2025

Check out these great deals when you purchase by October 31 and take advantage of June 5, 2026 terms. Terms Code: KS



Item #	Description	List Price	Sale Price
Sanitation			
71-35001	Sanidate 5.0 Sanitizer Disinfectant Omri 2.5 Gal	\$125.94	\$63.13
71-35201	Sanidate 5.0 Sanitizer Disinfectant Omri 55 Gal	\$2,316.16	\$1,188.69
71-35501	Zerotol 2.0 Bactericide Fungicide - Omri 2.5 Gal	\$124.04	\$75.50
71-35521	Zerotol 2.0 Bactericide Fungicide - Omri 55 Gal	\$2,625.99	\$1,417.92
74-21125	Kleengrow Greenhouse Wash 2.5gal Pace 49	\$236.99	\$185.00
74-21302	Kleengrow Greenhouse Wash 55 Gal Pace 49	\$4,094.46	\$3,153.34
74-2123	Strip-It Pro Heavy Duty Acid Cleaner 2.5 Gal Pace 49	\$168.40	\$120.00
74-21230	Strip-It Pro Heavy Duty Acid Cleaner 30 Gal Pace 50	\$1,639.05	\$1,200.00
H2pro Wetting Agent			
74-1422	H2pro Liquid Wetting Agent 1 Liter	\$44.74	\$32.00
74-1424	H2pro Liquid Wetting Agent 2.5 Gallon	\$279.10	\$186.00
Crop Protection			
72-2809	Marengo 7.4% 18oz Bayer*	\$652.28	\$496.99
71-3100	Segovis 18.7% 1pt Syngenta Epa# 100-1533	\$838.24	\$575.00

*Pricing good on in stock items only. While Quantities Last.

Promo Code: FALGAZ25

Pricing good through November 21, 2025



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