

LM REPORTS

YOUR GUIDE TO PRODUCT RESEARCH

LAWN CARE PRODUCTS



Valent Professional Products

SureGuard Herbicide provides Green Industry professionals with long-lasting, pre- and postemergent control of broadleaf and grassy weeds in landscapes, bareground settings and in dormant bermudagrass. SureGuard, a sprayable herbicide, provides extended residual weed control of broadleaf and grassy weeds, and in addition to extended control, enhances the speed and

performance of glyphosate. Within dormant bermudagrass, SureGuard delivers excellent turf tolerance and provides unmatched speed and lasting control of winter annuals, including annual bluegrass. Valent.com

Syngenta

Controlling difficult weeds and sedges postemergence on residential and commercial lawns just got easier with the introduction of Monument 75WG herbicide in single-dose small-packs. Simply add a 0.5-gram, water-soluble packet to 2 gal. of water in a backpack or handheld sprayer. This broad-spectrum selective herbicide controls all major sedges and more than 40 other weeds, including dandelion, crabgrass (suppression), nutsedge, clover and spurge, among others. GreencastOnline.com



Vitamin Institute

"We never lose trees. Our jobs always look beautiful." That's what SUPERthrive users routinely tell the Vitamin Institute at landscape contractors' conventions. The World's Fair Gold Medal SUPERthrive 50-in-1 Activator, Reviver, Trans/Planter and Extra Grower is revolutionizing tree and other plant care. Visit online for a free trial coupon. SUPERthrive.com/freetrial.html



Arborjet

Arborjet has partnered with Richter 10.2 Video to create a custom, two-minute promotional video about tree trunk injection treatment. Once the video is customized with the business logo, contact information and tree pests treated, the video

does all the work. The custom video provides a great visual explanation that can be used to educate existing and prospective customers about the benefits of saving trees with Arborjet's trunk injection technology. Arborjet is making the video available to service providers for \$150 upfront. Once the provider shares the video via social media, on the web or by email, Arborjet is offsetting the costs by sending the service provider 300 Arborplugs (a \$150 value) for free. Arborjet.com/customvideo

Growth Products Ltd.

New BioNutrients 8-0-9 is a 100 percent organic bio-stimulant and soil conditioner. The dry concentrate is packaged in 8-oz. packs. Fully soluble in water, it is a "no-mess, no-measure" way to build turf and soil health. BioNutrients can be used in a wide variety of turf applications to revitalize soils and neutralize soil salts, to promote faster rooting and deeper turf roots, and to improve turf color and make turf better able to withstand environmental and disease stresses. These improvements derive from the dry soluble's high concentration of natural L-amino acids, humic acids, kelp extracts and other carbon-rich molecules that sustain the powerful microbial growth unleashed by BioNutrients' proprietary mix of wild yeast and four species of beneficial rhizosphere Bacillus: *B. subtilis*, *B. licheniformis*, *B. amylolique* and *B. pumilis*. GrowthProducts.com

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The Biochar Co.

Soil Reef creates biochar with an age-old process called pyrolysis that bakes uncontaminated wood by cooking it at high temperatures with no oxygen in a controlled container. This process sequesters about half the carbon in the biomass and reduces it to pure biochar, one of the key ingredients in rich soil. Biochar ultimately increases crop yields, grows healthier plants that are more resistant to disease and reduces annual dependency on fertilizers. Soil Reef comes mixed and ready to use, with Organic Mechanics Compost and worm castings. Pure biochar, to mix how you choose, is also available through the company. SoilReef.com



Agrium

Spread It & Forget It fertilizer (14-14-14) is designed to offer turf professionals the ability to round out their turf-oriented operations by feeding trees, shrubs and flower beds all season long with just one application. The fertilizer provides the right nutrition at the right time, giving turf professionals strong, healthy landscape plants and more time to focus on other areas of their operation. Agriumat.com



Rockwell Labs

New FenvaStar EcoCap contains 3.5 percent esfenvalerate with Eco-Cap technology. Instead of using petroleum such as other microcaps, EcoCaps are made with renewable vegetable oil, and feature zero

volatile organic compounds (VOCs) and virtually no odor. They won't clog equipment, and they offer superior mixing and ease of use, the company says. The product effectively kills bed bugs, stink bugs, mosquitoes, cockroaches, ants, flies, fleas, stinging insects, and many other target structural, stored product and turf pests. FenvaStar EcoCap is approved for indoor food and non-food areas, including broadcast carpet spray, livestock and poultry premises, and outdoor structural and turf uses. The residual efficacy is outstanding on a variety of surfaces, indoors and outdoors, even after rain and sun exposure, the company says.

RockwellLabs.com

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PBI Gordon

Zylam liquid systemic insecticide is a new formulation of dinotefuran, the latest generation of neonicotinoid insecticides. It provides control of a broad spectrum of chewing and sucking insects including scales, aphids, borers, thrips, lacebugs, mealybugs and caterpillars. Used as a soil drench or bark banding application, the low-odor insecticide translocates quickly through the vascular plant tissues, working its way to the plant's extremities. Translocation times vary based on the



size of treated plants and environmental conditions. Insect control for small shrubs may be in as little as a few hours and a few weeks for large trees.

PBIgordon.com

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Quali-Pro

Tebuconazole 3.6F fungicide provides preventive and curative control on a broad spectrum of disease pathogens, including dollar spot, brown patch, anthracnose, snow molds and more. A systemic mode of action delivers up to three weeks of residual control, and its multi-site activity is excellent for rotation in resistance management programs. Low use rates and the latest “mix-friendly” Quali-Pro formulation make Tebuconazole 3.6F easy to work with and convenient to apply. Although labeled for disease control on warm- and cool-season grasses, golf course turf and around landscape, nursery ornamentals, Tebuconazole is not labeled for use on residential lawns. *Quali-Pro.com*



Environmental Science, a division of Bayer CropScience

Tribute Total is a novel herbicide that provides lawn care managers with a complete solution for postemergent treatment in bermudagrass. Its combination of active ingredients replaces the need for tank-mixing multiple products to achieve desired weed control. Tribute Total is effective against a broad spectrum of grassy and broadleaf weeds, sedges and kyllingas—including dallisgrass, crabgrass and yellow and purple nutsedge. At a use rate range of 1 oz. to 3.2 oz. per acre, each 6-oz. container treats between 1.875 acres and 6 acres. Additionally, with a 60.5 percent water dispersible granule formulation, Tribute Total requires less storage space and transportation and less-frequent container disposal. *BackedbyBayer.com*

Dow AgroSciences

New Kerb SCT&O is a proven, versatile tool for Green Industry professionals. It provides both preemergent and early postemergent control of many winter annual and perennial grasses, including annual bluegrass from warm-season grasses and the removal of perennial ryegrass from warm-season grasses during spring transition. Kerb SCT&O, which replaces Kerb 50WP specialty herbicide, is now available in most states. The new liquid formulation is easier on equipment and reduces worker exposure. *DowAgro.com*

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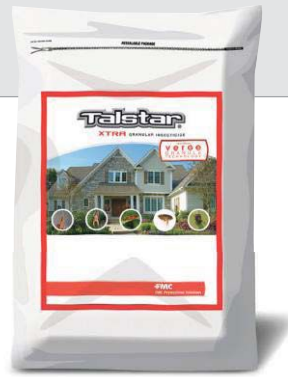
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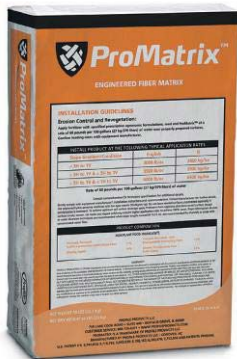
FMC Professional Solutions

Over the past two years, FMC Professional Solutions, a business unit of FMC Corp., has been enhancing its granular product line. First, FMC added zeta-cypermethrin to its bifenthrin granular product, creating Talstar XTRA for enhanced speed and broad-spectrum protection. Then, FMC introduced Verge granule technology on its Talstar EZ product. Now, all of the "XTRAs" come standard in one granular product—and at no additional cost—with the introduction of Talstar XTRA granular insecticide featuring Verge Granule Technology. The new product combines the fast and long-term power of Talstar XTRA with the Verge granule's many performance benefits, including a more uniform product distribution and less dust. FMCprosolutions.com



BioSafe Systems

New AXXE broad-spectrum herbicide is formulated as an herbicidal soap utilizing ammonium nonanoate. This active ingredient is National Organic Program (NOP) compliant. AXXE is formulated as a liquid concentrate that is mixed with water. It's powerful, effective and economical for control of annual and perennial broadleaf weeds as well as mosses, liverworts and lichens, the company says. Made of natural fatty acids, AXXE works by removing, or "burning," the waxy cuticle of green vegetation and will not move through soil to injure nearby plants. AXXE works within hours of application, produces no residue and is available in 5-, 30-, 55- and 275-gal. sizes. BioSafeSystems.com



Profile Products

New ProMatrix provides 20 percent less tank loads per job because of the high loading formulation—and offers excellent erosion

control, shootability, coverage and germination. Its patented Engineered Fiber Matrix (EFM) technology was created to give contractors an edge when bidding on jobs requiring bonded fiber matrix (BFM)/stabilized mulch matrix (SMM) hydraulic products. With a recommended 60 lbs. per 100 gal. of water, ProMatrix is the highest-loading product among BFMs, according to the company. Proprietary dispersion granules facilitate the even distribution of the fibers and chemistry to optimize product performance. A consistent slurry pumps out easily to assume smooth and efficient application. ProfileProducts.com

BASF

Pillar G fungicide controls diseases such as dollar spot, anthracnose, brown patch, large patch, take-all patch, summer patch, snow mold and leaf spot on most types of turfgrass. The fungicide combines triticonazole and pyraclostrobin. The granular formulation gives contractors application flexibility and convenience—allowing them to apply it when a spot treatment is needed, in wet or snowy conditions or when temperatures may freeze spray lines. The active ingredient moves quickly off the granule after irrigation or precipitation, and protects the turfgrass soon after application. BASFTurftalk.com



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When your drought recovery strategy includes overseeding, add Solu-Cal Enhanced Calcitic Lime to your regimen for healthier, denser fall turf.

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APPLICATION EQUIPMENT

Earthway Products

The S25SS SPRAY-PRO push sprayer is the newest model in the S-series product line, featuring a brand-new, all stainless-steel chassis. Designed for spraying ice control products, pesticides,

herbicides and fertilizers, the S25 has an adjustable spray system that makes sidewalks and parking lots easy to manage, as well as the ability to apply precise



amounts of liquid. Use it on lawns, driveways, paths and any area that your boom sprayer will not go: No gas, no batteries, no problem. Earthway.com

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Grasshopper

Apply pesticides, herbicides and fertilizers more efficiently with a Shielded Sprayer for Grasshopper

zero-turn mowers. The design contains the spray pattern for on-target application, even in windy conditions. The independent suspension and dolly wheels follow ground contours for precise and even spray application. Each spray chamber features four spray nozzles, which provide uniform coverage by applying finer spray droplets. Zero-turn maneuverability eliminates wasted motion, spraying up to 5.5 acres per tank with fewer chemicals, faster application times and faster drying times, while keeping chemicals away from the operator and non-target areas. GrasshopperMower.com/sprayer

Turfco

Turfco introduces the optional 3-in-1 Auxiliary Tank for its patented and pending T3000i spreader/sprayer. The 3-in-1 Auxiliary Tank fits securely on the front of the T3000i without obstructing the view or inhibiting the hands-free speed control system. Using the same liquid in the 15-gal. Auxiliary Tank and the primary 16-gal. tank enables the operator to spray up to 124,000 sq. ft. Alternatively, having the capacity to spray two liquids makes it simple to spray separate areas without switching equipment. The secondary liquid can be sprayed with the additional front-mount spray nozzle for the Auxiliary Tank, which sprays in 6- or 9-ft. widths. Turfco.com

