

## POST-EMERGENT PRODUCTS

With the industry as a whole being more environmentally aware, especially in sports turf with participation levels so high in competitive and recreational youth athletics, it is expected that companies will move toward active ingredients that offer effective

control and are not harmful. That being stated, it is important to note that every pesticide sold or used has been thoroughly tested for a possible impact on human health and only control products determined to have a reasonable certainty of not being

harmful to the environment or to humans will be registered by the EPA.-Jim Goodrich, product sales specialist, professional products, PBI-Gordon Corp.



### Blindside herbicide

Blindside herbicide is a new, fast-acting postemergence herbicide offering a unique solution for challenging weeds like dove-weed, dollarweed, buttonweed and sedges in warm-season turf. Blindside can be applied to most types of warm-season turfgrass even St. Augustinegrass as well as Kentucky bluegrass and tall fescue, offering transition zone flexibility. Dual-action Blindside works through both foliar and root uptake to deliver faster control of more than 70 broadleaf weeds and sedges. An optimized combination of active ingredients, Blindside delivers visible signs of control within a week, making it significantly faster than other products. The label allows for a follow-up application under extreme weed pressure or for specific weeds. Blindside can also be applied in warmer temperatures without causing additional stress to turf.

**FMC**

### Tribute Total

Tribute Total provides broad-spectrum, post-emergent weed control in bermudagrass. Tribute Total is a novel herbicide that provides sports turf managers a complete solution for post-emergent control of the most troublesome weeds including *Poa annua*, goosegrass, dallisgrass, Virginia buttonweed, doveweed, and sedges as well as many other broadleaf weeds. Tribute Total is readily absorbed by the foliage and carried to the site of action in the growing points of the susceptible plant. The unique combination of active ingredients in Tribute Total replaces the need for tank mixing multiple products to achieve desired weed control.

**Bayer Environmental Science**

### Q4 Plus

One of PBI Gordon's best herbicides formulations for sports turf is Q4 Plus. It is a combination of 4 active ingredients (2, 4-D; dicamba, quinclorac and sulfentrazone) and offers broad spectrum weed control. It is very affordable and safe to use on cool-season and warm-season turf. It controls broadleaf weeds and grassy weeds so it makes it kind of an "all-in-one" option for sports field managers. Sports fields are made playable because of weed control.

**PBI Gordon**



### Monument 75WG herbicide

The post-emergence, broad-spectrum herbicide Monument 75WG from Syngenta controls all major sedges and key weeds that frustrate professionals in a water-soluble, pre-measured package, with two application options, broadcast or spot treatment. Monument 75WG controls all major sedges and more than 40 other weeds, including key lawn weeds on warm-season grasses. Monument 75WG is conveniently packaged in new individual 0.5 gram pre-measured packets. Simply add the water-soluble packet to two gallons of water in a backpack or handheld sprayer.

**Syngenta**



### Combo product from Lebanon Turf

ProScape 19-0-6 40% MESA with LockUp and .17 Dimension is the ultimate combination product that delivers extended feeding to the plant with MESA, while providing post-emergent control of perennial broadleaf weeds and annual grasses with LockUp, and pre-emergent control of annual grassy weeds with Dimension. Labeled for use on established residential lawns, golf courses, parks, sports fields, commercial buildings and any other turf situation where eliminating existing weeds and preventing new weeds is highly desirable. This time saving product successfully performs three specific jobs with one simple application.

**Lebanon Turf**

### XONERATE herbicide

XONERATE Herbicide doesn't just manage or suppress *Poa annua*, it eliminates it. Studies have shown XONERATE to be 90% effective in controlling *Poa annua*, more than any current product on the market, a major breakthrough in *Poa annua* control. XONERATE also provides greater application flexibility than current products. And by eliminating *Poa annua*, you're also eliminating the time and expense of trying to manage it: Less nutrient and water requirements. Less time spent watering and mowing. And less pesticide use due to a possible reduction in disease and insects. XONERATE allows for selective removal of *Poa annua*.

**Arysta LifeScience**



### NEGATE, a synergistic post-emergent herbicide

Quali-Pro, a division of Control Solutions Inc., has launched NEGATE 37WG herbicide. NEGATE's synergistic formulation allows turf managers to control more than 35 grasses and broadleaf weeds in Bermudagrass and Zoysiagrass. NEGATE inhibits the growth enzyme acetolactate synthase (ALS), providing fast and complete post-emergent control. NEGATE also allows you the ability to control problematic grasses such as POA, and ryegrass as well as broadleaf weeds. NEGATE attacks grasses and weeds systemically, moving through the plant by absorption through the foliage and roots. The distinct formulation of NEGATE will also control stubborn weed species such as clover, dandelion, henbit, chickweed, and prostrate spurge.

**Quali-Pro**



## Katana turf herbicide

The trend we are seeing in the industry is the move toward low-impact, reduced use-rate active ingredients. Our Katana Turf Herbicide falls into this category. Katana is an herbicide that controls cool-season grassy weeds, broadleaf weeds and sedges in warm-season turf (i.e. bermudagrass, zoysiagrass, buffalograss, etc.). Katana controls these weeds at very low use rates, 1.0 – 3.0 ounces per acre. Katana has been available for 2 years for professional sports turf, but was recently granted use on all sports turf.

**PBI Gordon**

## DIG's new solar-powered irrigation controller

DIG has debuted the LEIT-1, the latest addition to its eco-conscious product-line of ambient light powered, LEIT irrigation controllers. The single station LEIT-1 is unique in that, unlike most other solar controllers, it does not require direct sunlight to operate and commits to using only clean and sustainable energy. It uses SimpleSmart programming technology, which provides smart irrigation control made simple and easy. In addition to the LEIT-1, DIG offers a robust inventory of eco-friendly products like the LEIT and LEIT-2ET controllers, 700 series battery controllers, and key drip irrigation products like their EXCEL LFPB dripline, which is an economical drip emitter line that uses fewer materials without compromising strength or quality.

**DIG Corporation**



## Redesigned Drag King from Newstripe

Newstripe, Inc. has completely redesigned the Drag King infield drag and groomer. Of particular note, the new Drag King uses long lasting, reversible, hardened teeth that are replaceable. This design increases cutting action on hard-packed surfaces plus the teeth will last much longer. It also features a 48" wide cutting path and may be pulled with garden tractors, ATVs or light utility vehicles. Three sections allow scarifying, levelling and final grooming in a single pass. A debris basket catches large stone and trash. The scarifier simply flips over for transport or to level and finish without scarifying. The cutting blade position has been moved to the center section improving levelling of base lines.

**Newstripe**



## Broyhill's Stadium Vac

Broyhill's Stadium Vac is a totally self-contained vacuum for turf vehicles and RTV's. Unit features a new 20.8 HP Honda engine and wireless remote controls for suction hose height

(up-down) and distance (in and out from vehicle). Trash is collected in the 1 cubic yard container and no trash goes thru the impeller. Perfect for parks & rec departments and along bike paths.

**Broyhill**



## Gravely introduces line of three Hurricane Plus blowers

Gravely introduces a new line of Hurricane Plus walk-behind blowers for easy debris clean-up without the hassle of back or arm strain. The Hurricane Plus Blowers are available in the 169cc, 265cc and 404cc Subaru engines. All three blowers feature remote throttle control with an optional remote locking caster. The remote throttle control is located conveniently on the handle near the operator for easy access. Direction and dispersion of the debris can be controlled by the front and side discharge on the blower as well. The blowers are covered by Gravely's one-year limited warranty. Two accessory kits are available for increasing the functionality of the blowers: a hose kit with parking brake and a front swivel caster kit.

**Gravely**



## NutriSmart fertilizer and soil amendment

LidoChem, Inc.'s Performance Nutrition Division is the US distributor of NutriSmart, an environmentally friendly, patented granular biological fertilizer and humate soil amendment developed by CK Life Sciences. OMRI listed NutriSmart interacts with soil and plant roots to significantly improve nutrient balance and enhance the efficiency of root systems. NutriSmart improves turf performance by supplying nitrogen according to plant demand, by releasing "locked-up" P&K in the soil and by improving uptake of both macro and micronutrients. Maintaining adequate levels of soil nutrients results in improved turf color, shoot density and a higher root-shoot ratio. NutriSmart changes the property of the soil through the improvement of soil water holding capacity, soil friability and porosity. It also enhances the soil's chemical and biological properties such as organic matter content and beneficial microbial populations in the rootzone.

**LidoChem, Inc.**



## 10-foot seeder from Kasco

Kasco Manufacturing recently introduced a new 10' wide Vari-Slice seeder. The disc angle can be adjusted quickly to move more aggressively over the ground with rugged cutting coulters to cut through roots, limbs and debris. Other widths of 3', 4', 5', 6' and 8' are also available. These seeders feature a unique metering system for planting a variety of seeds such as Bermuda, alfalfa, timothy, rye and oats. A patented, optional positive feed agitator system is also in a second box to plant native or warm season grasses. Vari-Slice units with a standard seedbox and warm season grass box are able to plant virtually any seed variety.

**Kasco Manufacturing**

