

# Tools & Equipment



## Solid metal hose-end nozzles

Precision solid metal fixed-spray hose nozzles are now available from Underhill for all-around use on sports fields and parks for hand-watering dry spots, applying wetting agents and syringing fields before games. The patented Precision nozzle design features stainless steel professional-grade diffuser plates with rubber covers. A wide range of flow rates provides variable spray patterns that ensure optimum coverage and uniform droplets. Nozzles are available in a range of sizes and applications, ranging from 15 to 50+ gpm. Solid brass control valves are also available with 3/4" and 1" hose thread adapters. The nozzles include Rainbow, Rainmaker, Cloudburst, and Cyclone models.

[www.underhill.us](http://www.underhill.us)

# Celsius™

## Bayer introduces Celsius herbicide

Bayer Environmental Science recently announced it received registration for the newest generation post-emergent herbicide, Celsius, which will deliver weed control on warm-season turf. Celsius herbicide is safe for use year round on the most important warm-season turf types (St. Augustinegrass, centipedegrass, bermudagrass, and zoysia-grass). It provides control of troublesome broadleaf and grassy weeds, application convenience, flexibility and long residual.

Celsius has shown specific benefits in terms of broad spectrum control for more than 150 weeds, including dove-weed, bull paspalum, large crabgrass, dandelions, Virginia buttonweed, and dollarweed. Have the freedom to make post-emergent applications on a wide selection of weeds when it's convenient for you.

[www.backedbybayer.com](http://www.backedbybayer.com)

## Star Line paint designed for environment

In January 2009, Pioneer Athletics introduced the first-ever Environmental Protection Agency "Design for the Environment" designated field paint with their Brite Stripe Ultra-Friendly product line. Today, Pioneer has announced a second EPA recognized paint named Star Line Ultra Friendly, the companion product to their paint-in-a-box sprayer, the Star Stripper.

Just like Pioneer's previously released Brite Stripe Ultra Friendly, Star Line Ultra Friendly is completely free of volatile organic compounds (VOCs) and includes more readily biodegradable components than ever before.

"Intensive ingredient research contributed to formulation breakthroughs for our Brite Stripe Ultra Friendly line of paints," said Doug Schattinger, President of Pioneer Athletics. "It was important to our company that we continue to introduce additional products that help relieve environmental stress and improve field surface health."

[www.pioneerathletics.com](http://www.pioneerathletics.com)

## Earn a Certificate in Sports Turfgrass Management from the University of Georgia

*"Perfection is not attainable, but if we chase perfection we can catch excellence."*

—Vince Lombardi

## Sports Turfgrass Management Course

ENROLL today to:

- ▶ Advance your professional skills
- ▶ Learn up-to-date information on care of sports fields
- ▶ Earn a Sports Turfgrass Management Certificate

GO to [www.georgiacenter.uga.edu/is/stm](http://www.georgiacenter.uga.edu/is/stm) for details!

CALL 706-542-3537 or e-mail [questions@georgiacenter.uga.edu](mailto:questions@georgiacenter.uga.edu) for more info.

Also available from the University of Georgia,  
Turfgrass Management Certificate Course!



The University of Georgia  
Center for Continuing Education



## Two new walk-behind dethatchers from SISIS

CS Trading LLC introduces the SISIS AUTO-ROTORAKE MK5: ARR/5H. Based on the proven Rotorake principle incorporating a reel of blades rotating at high speed in the opposite direction to that of a conventional reel mower, this new model offers an increased working width plus cutting reel safety brake, 6-hp Honda engine, and "no tool" depth of cut control mounted to handle to enable depth to be set while moving forward. A range of optional blades and spacers are available for this machine with full differential for easier turning and minimal surface marking.

[www.csturfproducts.com](http://www.csturfproducts.com)

## New cold weather synthetic turf adhesive

NORDOT Adhesive #34P from Synthetic Surfaces Inc. is a new, high green strength, one-part curing urethane that extends the synthetic turf installation season on both sides of winter. Its cold weather installation properties will permit more practical installations in fall and spring. The faster green strength, aka "grab," development of the new adhesive helps offset the normal slow down and cure of all adhesives as the temperature drops. It also helps avoid installation problems such as "seam curl" and "wind lift" due to stiffer turf when cold. Also will work in warmer weather.

[www.nordot.com](http://www.nordot.com)



## XC Hybrid controller now in stainless steel

Hunter Industries' XC Hybrid, a battery powered version of their XC controller, is now available in a stainless steel version. Protect all the features of your investment: A 365-day calendar, three independent programs (each with four start times), global seasonal adjustment, station controlled sensors, "Easy Retrieve" memory backup, and on-board, non-volatile memory. Prepared to weather the outdoors, this controller comes in 6- and 12-station models. And the use of six C batteries means a longer life, up to twice that of the standard XC Hybrid.

[www.hunterindustries.com](http://www.hunterindustries.com)



## Deere launches new ZTrak PRO 900 Series mowers

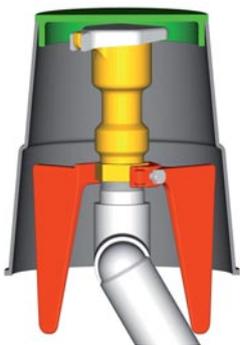
John Deere has introduced its latest line of commercial mowers, the ZTrak PRO 900 Series and its "Work it for a Week" program, which means you can purchase a mower and put it to the test; if you don't like the way it runs, rides, cuts or handles, you can return it for exchange or full refund within 10 days of purchase. Deere also is offering a commercial, 2-year bumper-to-bumper warranty with unlimited hours. All models feature 7-Iron Pro decks with stamped, seven-gauge steel, full-wrap reinforcement and Mulch-on-Demand capabilities and top mowing speeds of 10.5 or 12 mph.

[www.johndeere.com](http://www.johndeere.com)

## Prevent quick coupler accidents

The Claw from Underhill International helps prevent dangerous and unpredictable quick coupler accidents on sports fields. Quick couplers often become unthreaded from swing joints during hand watering and cause a high-pressure "geyser" of water that not only floods the turf but can cause serious injury to maintenance crew. To prevent this hazard, the Claw acts like an anchor, holding the quick coupler securely in place, restraining rotational, vertical and horizontal motion. The Claw fits inside most valve boxes without any cutting or alterations. It attaches directly to the base of the quick coupler valve with a hexagonal receptacle and single stainless steel bolt. Claw tines extend 6 inches below the plane of attachment and are embedded in the soil, approximately 5 inches below grade.

[www.underhill.us](http://www.underhill.us)



## Natural gypsum soil neutralizer lowers sodium levels

Profile Products LLC has introduced Sodium-pHix as the newest soil neutralizer in the line of ProPlus Prescriptive Agronomic Formulations. This natural gypsum mineral effectively lowers sodium levels in soils to enhance vegetation. When absorbed into the soil matrix through rain or irrigation water, Sodium-pHix increases the electrolyte concentration and provides calcium to create an ion exchange reaction with sodium. The granular product comes in two particle sizes, a fine-granule hydro formula with a suspending agent for use in hydraulic applications, and a larger broadcast particle for application through a spreader.



## Kromer introduces Field Commander

Kromer Company, in business since 1945, has introduced its Field Commander multi-purpose riding unit that will groom, paint/remove lines, spray, apply logos, condition, and do all the necessary functions to maintain both natural turf and artificial turf fields. Kromer says this is the only fully hydraulic machine available that offers complete athletic field maintenance using a "one machine-one operator" concept. Kromer products are used around the world, including by the Green Bay Packers, Minnesota Vikings, Penn State, and the Academy at West Point, just to name a few.

[www.kromerco.com](http://www.kromerco.com)

## Gravelly Turf introduces SaniTurf

Gravelly Turf introduces the new SaniTurf anti-bacterial sprayer. With an 80-gallon, low-profile poly tank, the SaniTurf distributes athletic hygiene products, disinfectants, sanitizers, fungicides, virucides and mildew stats. A boomless nozzle assembly sprays a 30-foot swath at 40 psi, and it avoids potential boom snags with a conventional boom. Powered by a 3.4 hp Briggs & Stratton® Engine, the SaniTurf also features a six-roller pump which provides a maximum 31.8 gpm and up to 100 psi.

[www.ariens.com](http://www.ariens.com)



## Transmission option added to Bobcat tractor line

Since launching its first compact tractor models in 2007, Bobcat Company has continued to expand the line with new models, new options and new attachments. Some of the additions coming this year and in 2010 include a shuttle shift transmission (SST) option to complement the current hydrostatic transmission, and a line of front-mounted implements. The semi-synchronized gear transmission option for CT335, CT445, and CT450 models will feature 12 forward gears and 12 reverse gears with shuttle shift capabilities for ease of use, which will complement the hydrostatic transmission (HST) models offered today.

[www.bobcat.com](http://www.bobcat.com)



## New electric-powered topdresser

TurfEx introduces its 1.4 cubic-yard capacity MS4500 topdresser featuring polyethylene construction and fully electric operation, this trailer-mounted unit can spread standard topdressing sand for golf courses, crumb rubber for synthetic turf fields and a variety of other bulk materials including compost and soil conditioners. The MS4500's heavy-duty polyethylene construction can make it up to 40% lighter, while the large flotation tires exert 18 psi when fully loaded. The lightweight construction also lessens fuel consumption for the towing vehicle.

[www.trynexusfactory.com](http://www.trynexusfactory.com)

## First slow-release, renewable fertilizer now being produced

Commercial production has begun of Crystal Green, the world's first slow-release, renewable and environmentally safe fertilizer. Crystal Green is the only slow-release fertilizer with a combination of nitrogen, phosphorus and magnesium (5-28-0 +10Mg); it is a clean by-product of a new wastewater treatment process, whereby the phosphorus and ammonia are recovered to create a fertilizer. The product can be used in the same manner as monoammonium phosphate or coated products, with the added benefit of high levels of slow release magnesium. There is no need to change equipment or application methods; Crystal Green can be substituted for any existing phosphorous source. It is available in a range of prill sizes from 50 - 240 SGN.

[www.crystalgreen.com](http://www.crystalgreen.com)

