

Long-distance remote from Hunter Industries

Hunter's latest product, the Roam XL, is a long distance remote designed to let professionals communicate with multiple controllers from up to two miles away. It features a simple user interface with 128 different programmable addresses, and is sturdier and more water resistant than past models. Its signal is strong enough to go through buildings and still communicate with a controller over a half-mile away. With nothing in its path, it can function up to two miles from the controller. The compact, high-powered remote is a single unit that can be carried from job to job and used to remotely access any Hunter controller that has a SmartPort connector.

Hunter Industries

New woven synthetic turf football surface

Act Global Sports received a FIFA two star certification at a stadium in Poland for the company's advanced woven turf system. One of the key features of WX50 is the resiliency of the pile. The fibers do not have the pile direction of a typical tufted product and stand up straight before any infill is applied. The distinctive woven technique results in excellent tuft lock, high water permeability and very consistent ball roll. In addition, the product has no PU or SB latex coating, and therefore offers better opportunities for recycling and sustainability.

ACT Global Sports

TH150 portable soil moisture probe

Dynamax, Inc. is launching the new TH150 Portable Soil Moisture Probe. Portable, accurate, and easy to use, the TH150 is intended for use in golf course or sports turf management, irrigation scheduling, or for landscape and greenhouse applications. It is a great tool for determining water content in soils of all types, even in dry conditions, and has built-in calibrations for mineral or organic soils. The TH150 is "ready-to-go" right out of the box and includes everything needed to take portable soil moisture readings. With the press of a button, instantly display soil water content as a decimal or percentage value.

Dynamax, Inc

Want the latest? Visit FMC Turf Wire blog

The world's most beautiful granule, fast fire ant control, 2012's weird weather and a Florida woman's cure-all for doveweed ... all of these and more will be top-ics on Turf Wire (<http://www.fmturfwire.com/>), a new blog from FMC Professional Solutions. Log on to the Turf Wire to learn tricks of the trade from fellow sports turf managers, best practices for tough turf problems, product stewardship advice, regulatory updates and more. Reader comments and suggestions also are welcome. "Our goal is to provide you with tips and tools so you can manage turf more efficiently, while also providing an informal forum for discussing industry issues," said Adam Manwarren, turf product manager for FMC Professional Solutions.

FMC Professional Solutions

Direct Solutions brings two exclusive new products to market

Direct Solutions introduced CISTERN soil surfactant and humectant complex and 4-Speed herbicide as the newest members of the organization's green industry product offerings. CISTERN contains a blend of multi-functional soil surfactants that have been carefully "tuned" so their components work together to address hydrophobic conditions in the soil profile. The unique formulation incorporates a mixture of hydrophilic humectants and hygroscopic compounds that when used in combination with the product's surfactant blend will enhance plant tolerance to water deficit and heat stress. Conversely, 4-Speed herbicide doesn't just protect it eliminates. The post-emergent herbicide was created to eradicate weeds faster, more effectively than other traditional post-emergent herbicides, often in as little as 24 to 48 hours. 4-Speed is labeled for cool and warm season turf and effectively controls more than 100 broadleaf weeds, including dandelion, plantain, oxalis, chickweed and other hard to control species.

Direct Solutions

Kohler Engines continues expanding Command PRO EFI offering

The Command PRO EFI line of engines from Kohler Engines is again expanding with the launch of new 34 and 38 horsepower models. The new additions are expected to be popular among end users seeking higher horsepower in conjunction with the significant fuel cost and maintenance savings, reliable starting, and incredible performance delivered through Kohler's entire EFI lineup. The Command PRO EFI family of products now encompasses 16 different engines ranging from 19 to 38 horsepower to meet the diverse needs of today's green industry professionals. The Kohler closed-loop EFI engines include an oxygen sensor that analyzes the air/fuel mixture in the muffler. If the oxygen level strays from the ideal air/fuel mixture, the sensor triggers adjustments to the amount of fuel injected into the system.

Kohler Engines



Tools&Equipment



TurfEx introduces line of skid-mounted spot sprayers

TurfEx introduces its line of skid-mounted spot sprayers. Designed to mount into the bed of any utility vehicle or pickup, the new spot sprayers are ideal for weed spraying, turf maintenance, tree and flower watering, and pest control applications. Two TurfEx spot sprayers are currently available with a 50-gallon tank (model US500) and a 100-gallon tank (model US1000). Both units feature fully corrosion-resistant polyethylene tank construction, 50-foot hoses on 100-foot capacity manual-rewind hose reels, and long spray wands with trigger actuation. Featuring 12-volt diaphragm pumps, the sprayers conveniently connect to the carrying vehicle's electrical system for operation. The pumps move liquid at a rate of 5 gallons per minute at 40 psi.

TurfEx



New saddle-type flow sensor series

Creative Sensor Technology announces the addition of a new saddle type flow sensor series.

Enhanced low flow performance in 3 and 4 inch PVC pipe sizes. The 3-inch sensor, Model FSI-S30-001, has an operating measurement range of 0.25/fps-12 fps, equivalent to approximately 6 gpm to 300 gpm in 3 inch SDR 21 (Class 200) PVC pipe. The 4 inch sensor, Model FSI-S40-001, operates over the same measurement range of 0.25/fps-12 fps, equivalent to approximately 10 gpm to 480 gpm in 4 inch SDR 21 (Class 200) PVC pipe.

Creative Sensor Technology



Hollow tine aerator

Husqvarna's handy and efficient hollow tine aerators are self-propelled and feature free-wheeling outer tines for better maneuverability around corners and tight areas with less turf damage. Additional side weights allow for improved soil penetration and are removable for reduced effort when lifting or for altering weight balance on slopes and inclines. A folding operator handle on the AR19, lift handles and semi-pneumatic front tire allow for easy transport and storage. The 5hp unit has a 19-inch aerating width and can reach depths up to 3 inches.

Husqvarna

Essential Plus 1-0-1 and BioNutrients Soluble 8-1-9

Growth Products announced the USDA recently awarded both Essential Plus 1-0-1 and BioNutrients Soluble 8-1-9 the right to bear the Biobased product label. This label assures consumers that the amount of biological ingredients listed on the product label is accurate and is backed by the USDA and the Federal government. Essential Plus 1-0-1 is an organic soil amendment and natural root stimulant for all plants, crops, and soils. It received the BioBased label as a spray adjuvant. BioNutrients AG 8-1-9 is approved for the USDA Biobased label as a fertilizer due to its N-P-K of 8-1-9 which is exceptionally high for a 100% organic product. BioNutrients also works as an excellent soil conditioner and organic biostimulant for all vegetable, herb, and field crops.

Growth Products, Ltd.

Dethatchers

RotaDairon ED dethatchers in 50 and 72-inch widths are now available through STEC Equipment. It can perform a wide variety of verticutting and dethatching programs thanks to the unique 3 blade options, and a maximum working depth of 2 ¼". The first is a sharpened "knife" steel, which allows you to cleanly verticut without removing soil. The other two blades, a flat edged steel, and a carbide tip option, both allow you to have greater surface impact and removes significant thatch. The ED can also be used as a spiker by disengaging the PTO and raising the anti scalp roller.

STEC Equipment

PROTINUS seed nutrition

Starting in the 2013 growing season, Canadian sports fields can benefit from a turfgrass seed that has an advantage for early growth added right on the seed. Two Canadian companies, PICKSEED and Wolf Trax, are partnering to deliver the latest in early plant nutrition. PICKSEED will treat all pre-packaged turfgrass seed with PROTINUS® Seed Nutrition by Wolf Trax. PROTINUS is an innovative seed-applied fertilizer designed to enhance early seedling development. Studies show that PROTINUS treatment delivers faster, more even emergence; larger seedlings with longer, more developed roots; and the ability to withstand early stressful growing conditions. Improved early development results in plants that are more vigorous and better able to compete with weeds for moisture and nutrients.

PICKSEED

Since Otto Pick founded PICKSEED over 65 years ago, the company has focused on improving

Gravely TVM series of verticutter mowers

Gravely offers the TVM Series of verticutter turf mowers designed to provide superior cutting results, regardless of terrain or depth of cut. The TVM series mowers operate behind tractors in the 24 hp to 45 hp range and are available in 3-gang (77") or 5-gang (130") widths. The tractor's power operates the lift hydraulics and the PTO belt drive, eliminating the need for drive hydraulics and reducing heat build-up for the tractor. The verticutters have 21 blades per head with 1.25" spacing and 1/8" carbide tipped dynaBLADES. The wings fold hydraulically for a narrow transport width.



New “in-line” option for wetting agent applicators

Underhill's Pellet Pro wetting agent applicators now feature a new “in-line” option for more efficient operation. The in-line applicators can be connected directly to a water source, such as a quick coupler or Underhill HoseTap, taking the weight off the hand-held nozzle for more comfortable and consistent applications. PelletPro is used on golf courses and sports fields to efficiently apply wetting agents over large turf areas at up to 48 GPM. The applicator accepts all wetting agent tablets and provides a powerful, yet ultra-soft spray that applies surfactants to tight, hydrophobic soils. Pellet rotation at one revolution per second (RPS) evenly dissolves the tablets. PelletPro features Underhill's Precision Cloud-burst™ nozzle, which attaches to the hose-end and applies droplets in a broad fan pattern.

Underhill



New Blindside herbicide

A new, fast-acting herbicide offering a unique solution for challenging postemergence weeds like doveweed, dollarweed, buttonweed and sedges in warm-season turf is now available from FMC Professional Solutions. Blindside herbicide can be applied to most types of warm-season turfgrass, even St. Augustinegrass, as well as Kentucky bluegrass and tall fescue, providing 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. It is registered for use on established turf areas including residential, commercial and institutional lawns, athletic fields and golf course fairways and roughs.

FMC Professional Solutions



Turfco CR-7 topdresser

The Turfco CR-7 topdresser and material handler is designed to handle the mid-range level of topdressing and renovation. The CR-7 is the perfect choice for sports complexes with multiple fields or for completing renovation work. The CR-7 uses Turfco's patented WideSpin technology, which gives operators the most accurate spread from light to heavy and patterns as wide as 40 feet, making it easy to topdress multiple fields. An adjustable spinner angle allows operators to drive topdressing into the turf for better integration with a total range of 26 degrees up and down. “The CR-7 was designed for sports turf managers who need to utilize a spinner topdresser with a smaller tractor, but want larger capacity to cover multiple fields quickly and efficiently,” said Scott Kinkead, executive vice president of Turfco. Turfco's new CR-7 topdressers have a 3-year warranty.

Turfco Manufacturing

John Deere Golf adds reel and bedknife grinders

John Deere Golf has launched a new family of reel and bedknife grinders under John Deere's Frontier Equipment brand name. The grinders provide precise reel and bedknife maintenance, ensuring turf professionals have the tools available to provide a premium quality of cut every single day, across a wide range of course conditions. Featuring integrated tooling decals that allow for quick and efficient setup, the Frontier Reel and Bedknife Grinder line is the perfect complement to John Deere Quick Adjust 5 and Quick Adjust 7 cutting units. All models are also capable of providing a precision grind on reels and bedknives from any manufacturer.

John Deere

New adjuvants and colorants

Harrell's Introduces SprayMAX, a new line of adjuvants and colorants, developed to help turf and ornamental managers stretch their budgets and get more from their turf and ornamental management spray programs. From Harrell's Crop Oil Concentrate to Harrell's Nonionic Spreader Sticker, turf managers can count on a product that will strengthen the hard work they already put into taking care of their turf and plants. Two products many turf managers use regularly to improve turf are pH buffer's and fungicide activator's, which Harrell's has included as part of their SprayMAX line. High pH of tank mixes increases the chance for alkaline hydrolysis, a process where some insecticides and herbicides decompose or split reducing the efficacy of their applications.

Harrell's

Pro-Turn 200 XDZ Mowers now available w/ Kohler closed loop-EFI engines

The Gravely Pro-Turn 200 XDZ series of commercial zero-turn mowers are now available with a Kohler 29 HP Closed Loop-Electronic Fuel Injection (EFI) engine. The 200 series mowers feature a simplified design that minimizes maintenance, downtime and input costs. When equipped with the Kohler Closed-Loop EFI, the Gravely Pro-Turn 252 and 260 mowers' performance and efficiency are further enhanced, making the top-of-the-line system even better.

The Kohler engine improves fuel economy on the Pro-Turn 252 and 260 by as much as 20 percent, according to calculations by Gravely product engineers. Kohler calculates with gasoline at \$3.70 a gallon, the Closed-Loop EFI will pay for itself in less than 400 hours. After payback, savings continue at approximately \$0.96 per hour at \$3.70 per gallon for gas.

Kohler Engines