

Here's More of the **Up-to-Date** **Technology** that Companies Showcased at the Golf Industry Show in February

Last month, we reported on the many new product introductions and updates. Here's **Part 2** of that report



Precision Laboratories introduces Uptake Technology, what the company says is an evolution in plant nutrition that produces healthy turf at lower use rates. Uptake Technology offers benefits in the categories of color, quality, tank-mixing, coverage and absorption, the company says. Uptake Technology is offered in seven analyses: 10-0-0-10Ca, 5-0-0-5Fe, 20-0-15, 15-15-15, 8-10-0-7B, 5-0-10, 3-0-25. These offer a broad range of N, P and K solutions, combined with a built-in adjuvant package for enhanced performance. Uptake Technology uses a concentrated formula, which results in low-use rates and less product to handle and store.

◀ **Underhill International** offers 2Wire Decoder Modules that convert Hunter ICC Controllers to two-wire operation. With a 2Wire system, a single pair of wires extends from the controller to each valve in the irrigation network. The technology has proved a cost-saving alternative on sites with a quarter-acre or more because it requires less copper wire, reduces installation time and labor, and facilitates system expandability, according to the company. Underhill also offers its TurfSpy turf stress-detection glasses to help

superintendents “see the future” by revealing potential problems before they are visible to the naked eye. TurfSpy lenses work by blocking out the green spectrum reflected from chlorophyll in healthy vegetation.

Syngenta Professional Products said Heritage G fungicide has received registration from the U.S. Environmental Protection Agency for use on turfgrass. Heritage G, featuring the carrier DG-Lite, is a systemic strobilurin fungicide in a granular formulation that controls more than 21 diseases during a 28-day window. Heritage G has been tested and proven effective against many turf diseases, including brown patch, red thread, pythium, anthracnose, gray leaf spot, snow mold, take-all patch, leaf spot, summer patch and necrotic ring spot. The fungicide has the same efficacy as the sprayable versions, Heritage WG and Heritage TL.

Another benefit of Heritage G includes a root-absorption method, which helps reduce accumulation of the product granules on grass leaf blades. The high solubility of the DG-Lite carrier allows the active ingredient to quickly and thoroughly reach the leaves.

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▲ **John Deere Golf** says its 2009 new product lineup — its largest product launch to date with eight products — draws inspiration from earlier John Deere products, combining existing solutions with new innovations in engineering. The new products include the 220 E-Cut Hybrid Walk Greens Mower, which incorporates the new Quick Adjust Cutting Units with the patented Speed Link system. The 220 E-Cut offers an independent cutting unit attached to the mower's traction drive system that improves course appearance.

Deere also introduced the 7200 PrecisionCut Trim and Surrounds Mower with Quick Adjust cutting units, which allows the operator to change mowing width quickly, even while driving, without tools or additional parts. The company also rolled out the 7500 and 8500 E-Cut Hybrid Fairway Mowers. Built on the same platform as the Precision Cut line of fairway mowers introduced in 2008, the E-Cuts are designed with fewer possible hydraulic leak points to protect fairway appearance, according to the company. And then there's the 8000 E-Cut Hybrid Fairway Mower, which combines the benefits of the Precision Cut line and adds the Quick Adjust 5 cutting units.

The company also showcased the 8800 TerrainCut Rotary Mower, an easy-to-use mower designed with ground following; the HD200 and HD300 SelectSpray Series of turf sprayers; and the Quick Adjust Cutting Units featuring the Speed Link system, which can be adjusted in a few seconds from one point on the cutting unit. The technology allows one-thousandth-of-an-inch adjustments to be made to both sides of the roller simultaneously with only a power drill required to make the change.

Nufarm Americas offers 4-Speed and 4-Speed XT herbicides. They combine several proven active ingredients to control virtually all broadleaf weeds in turf, and work quickly, with symptoms visible in 48 hours or less, according to the company.

4-Speed combines dicamba, 2,4-D and MCP-P with pyraflufen, while 4-Speed XT contains dicamba, 2,4-D and triclopyr in addition to pyraflufen. The herbicides show good tolerance on all the major cool- and warm-season turfgrasses when used as directed, according to the company.

Dakota Peat & Equipment showcased a hybrid topdresser that replaces the hydraulic system with an electric system to run the conveyor belt and spinners. With all the same features of the current Dakota 410, the hybrid eliminates the chance of hydraulic leaks and features an electrical system that offers easy calibration and pinpoint accuracy for the most demanding jobs, according to the company.

White Metal Golf introduces the fast-and easy-to-use Tidy Whitey hole painting system. In less than five seconds, the Tidy Whitey turns the soil above the cup bright white with no drips, no overspray, no set up and no clean up, the company says.

DuPont Professional Products announced that the granular formulation of its DuPont Acelepryn insecticide has been registered by the U.S. Environmental Protection Agency. With just one early application of Acelepryn, turfgrass professionals can control all 10 key turf-damaging white grub species plus surface-feeding insects such as cutworms, webworms, annual bluegrass weevils and billbugs, DuPont says. Acelepryn uses an active ingredient that has been classified as EPA Reduced Risk for turf applications.

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Technology

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► **Redexim Charterhouse** unveiled two new models of coring aerators at the show. It offers the re-designed Verti-Core II and the latest Easy-Core series machines, which incorporate several new and improved features including simple adjustments, a trouble-free belt drive system and multiple tine options. With working speeds up to 3.5 mph, the new coring machines save time and money, according to the company. Fewer moving parts equate to simple service and less maintenance.

J.J. Mauget Co. introduces its new line of refillable micro-injection chemical technologies, Liquid Loadables, which are 1-liter bottles of Mauget's insecticides, fungicides, antibiotics, fertilizers and micronutrients that tree-care experts can use to refill their preferred



injection system, allowing them to pair their tools with top tree-care chemistry. Mauget offers the Liquid Loadable products Imicide, Stemix Plus and Inject-A-Min Manganese, with Fungisol, ArborFos, Abacide 2 and Tebuject 16 pending EPA approval. Mycoject Ultra antibiotic will be available in September. Fungisol, a proprietary fungicide, manages more than 30 foliar and stem diseases like anthracnose, bleeding canker and various wilt diseases. Imicide insecticide prevents and eradicates pests like the Asian Longhorned Beetle, and is an effective method of prevention and control of the Emerald Ash Borer. Stemix Plus fertilizer stimulates foliar and root growth.

Dow AgroSciences offers LOCKUP specialty herbicide for control of dollarweed in the South. LOCKUP provides ac-

tivity at extremely low use rates (0.02 to 0.06 pound of active ingredient per acre). Efficacy is increased when applied to wet foliage, and activity can be seen when applied to dry foliage on warm- or cool-season turfgrass. The active ingredient, penoxsulam, was accepted for review and registration under the Reduced Risk Pesticide Initiative of the U.S. Environmental Protection Agency.

► **Hustler Turf Equipment** offers its fairway mower, which features a 36HP Shibaura four-cycle diesel engine that's compliant with Tier 3 U.S. emission regulations. The mower's column tilts and telescopes for comfort and safer operation. Rear-cutting units rotate

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THIS MONTH'S HEALTH TIP



As a loving dog owner, you'd do anything to prevent your dog from suffering. After all, dogs are part of the family. Yet every year when flea season begins, the suffering sets in: flea bites and the subsequent scratching and chewing. It's a painful and irritating routine for you and your dog. See your veterinarian for the latest new products that kill adult fleas, eggs, and larvae. Ideally, flea control should begin as flea prevention — before flea season starts.

Sofie. His owner is Dave Peck, assistant superintendent of Grantwood Golf Course in Solon, OH. (Photo by: Dave Peck)



Improving the Way Professionals Care for Turf

out and up for easy maintenance.

Hustler also offers its walk-behind greens mower, which features double-engine stop switches on the control panel. Precise weight balance provides comfortable control and ensures smooth turning, according to the company. The mower also has easy-to-reach clutch controls for safe operation. ■



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