

# LM REPORTS

YOUR GUIDE TO PRODUCT RESEARCH

## LAWN CARE:

## HERBICIDES & TURF ENHANCEMENT

### Dow Agrosciences

Dimension specialty herbicide is now more cost-effective than ever for control of crabgrass and broadleaf weeds. Based on challenging market dynamics, Dow AgroSciences has lowered the price on all formulations of Dimension, including Dimension 2EW, Dimension Ultra 40WP and Dimension on fertilizer. In addition to being more cost-effective, Dimension provides pre- and early post-emergence control of crabgrass, and season-long control of crabgrass, goosegrass, spurge and *Poa annua*. [DowProvesIt.com](http://DowProvesIt.com)



### Agrium Advanced Technologies

The new XCU 10-Week Mini feeds turf for 10 weeks or more, and is — according to the manufacturer — the longest-lasting, mini polymer-coated, sulfur-coated urea (PCSCU) on the market. Along with the XCU 8-Week Mini and regular-sized XCU products, the new fertilizer offers a consistent and predictable release profile. It also has a low risk of leaching and volatilization, which means nutrient losses to the environment are minimized. [AgriumAT.com](http://AgriumAT.com)

### Bayer Environmental Science

Celcius post-emergent herbicide provides weed control on warm-season turfgrass. Safe for year-round use, it controls more than 150 broadleaf and grassy weeds, including doveweed, bull paspalum, large crabgrass, dandelions, Virginia buttonweed and dollarweed. Apply the herbicide even at the highest temperatures without fear of phytotoxicity. It contains two new active ingredients: iodosulfuron-methyl-sodium and thiencazone-methyl, plus dicamba. Use rates are 2.5, 3.7 or 4.9 oz. per acre, depending on size and weeds. [Bayer.com](http://Bayer.com)

### DuPont Professional Products

More than 550 independent university trials prove it: One application of DuPont Acelepryn insecticide controls the 10 toughest grubs at the lowest application rate ever utilized for white grub control. One early application also provides control of key surface-feeding pests, including cutworms, webworms and billbugs. In addition, research and field usage show that Acelepryn is an effective option for use in an annual bluegrass weevil control program. The reduced-risk product is available in a liquid formulation, a granular formulation and on fertilizer. [proproducts.dupont.com](http://proproducts.dupont.com)



View an interactive demo at [www.rainbird.com/WR2](http://www.rainbird.com/WR2)



Changing your fortune by changing your wireless rain sensor.

That's intelligent.



### The NEW Rain Bird® WR2 Wireless Rain Sensor: fast, one-person installation.

You don't have to be a wizard to save time and labor costs. The Rain Bird® WR2 Wireless Rain Sensor has a versatile mounting bracket, signal strength indicators on both sensor and controller interface and intuitive programming. Cutting installation time in half with a wireless rain sensor that stacks the deck in your favor. That's The Intelligent Use of Water.™

**RAIN BIRD®**

**IRRIGATION:**

## SPRINKLERS, ROTORS & ACCESSORIES



### Rain Bird

The rugged, reliable 8005 Rotor is able to withstand the harsh conditions and vandalism present in commercial rotor applications. Its extensive customer-identified features and 80-ft. radius make it ideal for sports fields, parks and other large turf applications. Among its many features are the Memory Arc (returns the rotor to its original arc setting), brass reinforcing nozzle shaft, easy-to-change nozzles, self-adjusting turbine stator, heavy-duty retract spring and a five-year trade warranty. *RainBird.com*



### Time Mark

The new Model Surge Protective Devices (SPD) Series are designed to protect sensitive electronic equipment from the harmful effects of lightning, transients and RFI/EMI interference. Models are configured for either parallel or series installation, or can be din rail or wall mounted. They are suitable for incorporation into control cabinets to protect irrigation systems and other sensitive microelectronic-based equipment. The units are self-contained in rugged plastic enclosures; a green LED is provided as a status indicator identifying power on. *Time-Mark.com*

## Z-SPRAY VS. the COMPETITION

	Z-SPRAY	Competitor A	Competitor B
True Zero Turn Maneuverability	✓		
By-Pass Agitation	✓		
All Stainless Steel Chassis	✓		
220 LB Hopper Capacity	✓		
Optional Auxiliary Tank	✓		
50' Hose Reel for Spot Spraying	✓		
G.P.S. Speedometer	✓		
8 m.p.h Transport Speed	✓		
3 Section Independent Boom	✓		
Hydraulic Drive Hopper	✓		
3' to 25' Variable Spread Width	✓		
4.0 GPM Pump	✓		
Standard 18 Gallon Spray Capacity	✓		
Up to 1 Gallon per 1000 capacity	✓		
Air Injection Low Drift Nozzles	✓		
16" Front Tires	✓		
20" Rear Tires	✓		
16 HP Electric Start Engine	✓		
Locking Caster System	✓		
5 Gallon Gas Tank	✓		
	Z-Max & Intermediate		
	50 on Z-Max		
		not applicable	not applicable

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## Changing your fortune by changing your wireless rain sensor.

That's intelligent.



### The NEW Rain Bird® WR2 Wireless Rain Sensor saves precious

**water.** This revolutionary wireless rain sensor has programmable rainfall set points and a Quick Shut-Off feature that saves up to 35% on water usage. A reliable sensor signal transmits weather data to actively manage the controller's irrigation schedule. Producing lush, beautiful landscapes while conserving water. That's The Intelligent Use of Water.™

**RAIN BIRD®**

### Hunter Industries

Calibrated at a consistent 40 psi, the new MPR40 Series spray body is designed to provide optimal performance when combined with the MP Rotator. The MPR40's pressure activated, multifunction wiper seal has been designed to reduce flow-by. The zero flush seal gives surefire operation at low pressures and enables more sprinkler heads on the same zone. The wiper seal is designed to grip the riser when operating, and keep debris out of the seal when retracted — no more body cap leaks, either. Available in shrub and 4-, 6- and 12-in pop-up models. [HunterIndustries.com](http://HunterIndustries.com)



### Underhill

Precision solid metal fixed-spray hose nozzles are now available for all-around use on sports fields and parks for hand-watering dry spots, applying wetting agents and syringing fields before games. The patented 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 also are available with 3/4- and 1-in. hose thread adapters. [Underhill.us](http://Underhill.us)



### Toro Irrigation

With the use of the simple adjustment-band technology of the TR50P rotors, the TR50XTP series is just as convenient — but made to withstand the pressure of commercial applications, such as sports fields. It has a higher psi rating and uses a high-flow nozzle set. Is also offers the exclusive, patented X-Flow feature and TruJectory adjustment. [Toro.com/irrigation](http://Toro.com/irrigation)

### DIG Corp.

DIG's 8- and 12-in. pop-up length micro sprayers feature a unique design that incorporates a pressure-activated, low-friction, upper stem seal and a second-stage piston seal to ensure positive sealing. Available in 90°, 180° and 360° coverage, with small to large diameter, for watering that requires small droplets with low precipitation rates. They can be installed on any size 1/2-in. polyethylene tubing and used with 1/4-in. distribution tubing. Constructed of UV-resistant plastic, the rugged sprinklers feature color-coded heads to signify various spray patterns. [DigCorp.com](http://DigCorp.com)

## MAINTENANCE: STAND-UP MOWERS

### LESCO

The 2010 commercial mowing lineup includes two highly maneuverable, stand-on zero-turn mowers, which feature dual-lever direction and speed controls and a 1.5-in. to 4.5-in. height-of-cut adjustment. They allow for maneuverability and reduce turf compaction. *Johndeere.com*



### Exmark

The Vantage stand-on mower provides users comfort, increased productivity and a high-quality cut. Combined with ergonomically designed controls, including a variable speed bar, Vantage's self-compensating suspension system reduces operator fatigue and increases job quality. The unit's compact size offers operators increased maneuverability. Standing over the front of the machine provides exceptional visibility to keep a better watch on the deck and any upcoming obstacles. Vantage's durable 1.5-in.-by-3.0-in. steel frame is available with 48- and 52-in. decks. *Exmark.com*



### Scag Power Equipment

Despite its compact size, the V-Ride boasts many full-sized features, like hydraulic oil coolers, dual 10cc hydraulic pump and dual 12ci motor drive system, coil-suspension platform, and a heavy-duty steel main frame. The series pairs a powerful 20-, 24- or 26-hp Kawasaki FX commercial-grade engine with a 36-in. Advantage or a 48- or 52-in. Velocity Plus deck. Features include a low center of gravity and extra-large drive tires. The operator comfort pad is fully adjustable to 12 different positions to fit a wide range of operator sizes and riding styles. *Scag.com*

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Discover why lawn & landscaping professionals have rated QXpress the easiest scheduling add-on to setup.

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## Toro

The line of GrandStand stand-on mowers now includes 36-, 40- and 60-in. models. The 36- and 40-in. models offer the compact size necessary to pass through gates and tight space, while the 60-in. model allows contractors to make quicker work of larger properties. All models are equipped with a 7-gauge-steel, Turbo Force cutting deck, which produces the quality after-cut appearance even when mowing long, wet grass. Select models include an adjustable baffle, which allows contractors to fine-tune cutting performance. [Toro.com/professional](http://Toro.com/professional)



## Great Dane

According to the manufacturer, the Great Dane Surfer commercial stand-on mower is quicker and more efficient than a walk-behind, and less expensive than a riding mower. With a 19-hp engine, the Surfer is available with a 34-, 48- or 52-in. fixed deck. The compact design offers zero-turn maneuverability, while the Thermoplastic Elastomer Spring Package operator platform system provides a cushion for superior comfort. An aluminum hydrostat reservoir improves heat dissipation. [GreatDaneMowers.com](http://GreatDaneMowers.com)



## Gravely

The Gravely Pro-Stance stand-on mower is available in five different models. It gives an unobstructed view from nearly every angle and is easy to maneuver in confined spaces. Made of 7-gauge steel with fully fabricated and welded construction, the optimum operator position promotes stability on hills and uneven terrain. With a Kawasaki KAI gas engine, Hydro-Gear 10cc pumps and 12 cu. in. wheel motors, Pro-Stance travels at 9 mph forward ground speed. [Gravely.com](http://Gravely.com)

## Wright Commercial Products

The company that invented the stand-on mower presents its newly improved Stander for 2010. Available with a 48-, 52- or 61-in. deck, the new unit incorporates a suspension platform to provide a smooth ride, and a full-length, thigh-to-knee pad to improve comfort and reduce fatigue. The new spindle, designed for low maintenance and longevity, has a labyrinth style seal, ball bearings, and a 1-in. through-bolt shaft. With cut speeds up to 9.5 mph, it still maintains control and traction for even steep terrain. And with no seat, seat belts or arm rests, the operator can just step off in case of emergency or to pick up debris; the mower will stop immediately. [WrightMfg.com](http://WrightMfg.com)

*continued on page 47*

View an interactive demo at  
[www.rainbird.com/WR2](http://www.rainbird.com/WR2)



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**The NEW Rain Bird® WR2  
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increases revenue and  
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of this new wireless rain sensor helps you make more money. Whether a system upgrade or a new installation, the Rain Bird WR2 saves labor, provides new revenue opportunities and enhances your image as a water management expert. Staking your reputation — and your fortune — on a product that delivers every time. That's The Intelligent Use of Water.™

**RAIN BIRD®**

“In **this** neighborhood,  
**PERFECTION**  
is the only acceptable  
**RESULT.**

That’s why I use  
**4-Speed™ XT.”**

Eric Larson, Green Systems Turf Management  
Site: Astor’s Mansion  
Newport, Rhode Island

With contracts for many of the world’s most famous mansions, Eric Larson faces customer expectations that are as high as the real estate prices. So when ground ivy, clover and other tough weeds started showing up, he turned to 4-Speed XT. Its combination of four active ingredients makes weeds ‘Deader. Faster.’ For more on 4-Speed herbicide brands, and more of Eric Larson’s story, go to [www.nufarm.com/us](http://www.nufarm.com/us).

**Better Choices. Better Business.**

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[www.nufarm.com/us](http://www.nufarm.com/us)

# LMREPORTS

continued from page 45

## DESIGN BUILD: HARDSCAPES & ACCESSORIES

### LifeTime Composites LLC

LifeTime Lumber is an easy-to-use wood alternative that weighs in at 25% lighter than other lumber composite products. Made from mineral ash and urethanes, it's naturally fire resistant and cost-effectively meets the strictest fire codes like those for State of California Wildland-Urban Interface (WUI) and San Diego County. As a deck, dock and fence material, it won't rot, is impervious to pests and does not support mold and mildew. LifeTime Lumber is made from 65% recycled material, reducing the need for logging, emits no toxicity and uses less energy to manufacture than other composites. [LifetimeLumber.com](http://LifetimeLumber.com)

### Rosetta Hardscapes

The new Rosetta Belvedere Collection combines the look and feel of natural weathered stone with the dimensional consistency of concrete blocks. Test marketing has shown that it can be installed in less than half the

time relative to natural stone, with dimensional consistency being the key difference. Molded from 64 natural stone faces on eight block sizes. Like

the Rosetta Outcropping Collection, the variety of block sizes and textures gives finished walls a natural, random look. Belvedere blocks range from 10 to 70 lbs., and in 3- and 6-in. heights. They are finished on four sides, and can be customized based on the natural surroundings of a site — including corners and curves. [DiscoverRosetta.com/belvedere](http://DiscoverRosetta.com/belvedere)



### Landscape Timesavers

Designed by a registered landscape architect, Channel Guard allows users to easily disperse water from the downspouts to prevent erosion near a building. No more moving downspout extensions to mow, no more worrying about frozen or plugged drain tiles. With its solid channel design and unique top lock connecting system, it also prevents weeds. [ChannelGuard.net](http://ChannelGuard.net)

### Dunis Stone Inc.

The new Granite Bollard Collection was created by fine art sculptor Miles Dunis and includes more than 40 stone selections. The bollards are fabricated with a hollow core and easily installed over 4-, 6- or 8-in. steel pipe. They can be ordered in all custom sizes and fabricated as fence posts, rail supports, gate posts or with fittings for chains. [DunisStone.com](http://DunisStone.com)



## BETTER RESULTS



## 4-Speed™ XT Saves Contracts

### APPLICATION RATE:

1.3 oz/1,000 sf of 4-Speed XT plus spreader-sticker (1 oz/gallon finished spray)

### APPLICATION EQUIPMENT:

LT Rich Z-Sprayer, 1/3 gal spray tips

### TIMING:

July 13, 2009

### SUMMARY:

"This was not ideal herbicide application timing for ground ivy control, but we still had great results on it and all the other weeds on the 4-Speed XT label. As a result, we saved several contracts. We'll be using a lot more 4-Speed XT and other Nufarm products in the future."

# 4-SPEED™ XT

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Better Business.



[www.nufarm.com/us](http://www.nufarm.com/us)

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## Recover lost time using tracking tools

**I**s your business stuck in a rut? Are you getting to the end of the day faster than you get to the end of your to-do list? Are interruptions and distractions your constant companions?

Keeping productivity high is a constant uphill battle, with frequent plateaus and occasional drop-offs. What you need are tools to keep you moving forward and on track.

Recently, I've been working with several companies dedicated to using Kaizen principles in their businesses. For those of you new to Japanese business management philosophies, kaizen means "improvement" in Japanese. It refers to the practice of continuous improvement in all aspects of your business. Kaizen is implemented through activities such as measuring performance, standardizing business processes, eliminating waste, and improving employees' skills and abilities.

What draws me to Kaizen more than anything else is the focus on measurable outcomes — and the resulting feedback loop it creates in a business. I'm reminded of one of my favorite quotes, by Thomas S. Monson: "When performance is measured, performance improves. When performance is measured and reported back, the rate of improvement accelerates." As a technical guy, I can see how technology can be a big help in these areas. This month, I have a couple of tools

to help you monitor and measure your personal and business productivity.

### RescueTime.com

Tracking your time on daily tasks and projects traditionally has meant keeping a "time journal" of your daily activities. If you're like me, the level of effort spent keeping track of time seems to outweigh any benefits. But with RescueTime, my computer keeps track for me. RescueTime runs in the background and measures which application, Web site or document is actively being used. It can alert you when you exceed time goals, helps categorize

time spent away from your computer, and will even block certain Web sites or applications during self-imposed "focus time."

Aside from the powerful analytics and insights you'll gain from tracking your personal tasks, the real advantage comes from using the business version of RescueTime. Called Empower, this module lets you track all of your employees and gives them the ability to see their own productivity in comparison to the rest of the team. RescueTime has the right task-tracking philosophy: Let the actions record themselves.

### Xobni.com

I hate to admit it, but I spend a lot of my day reading and writing emails. While I would like to think I can quit any time, the truth is I'm addicted.

Measuring my daily email activities is easy with Xobni (which you might already have noticed is "inbox" spelled backward). It's a personal productivity plug-in for Outlook that enables you to find emails, connect your contacts to social networks and stay in touch better.

But once again, it's the email analytics feature that is really the most interesting part of the solution. It helps you analyze your own email behavior, understand whom you email most, and identify what time of day you send the most email. Measuring the impact of even the mildest email addiction can lead to recovery. Try using Xobni to curb your habit.

The first step in improving your business productivity is learning where you're spending time. Gaining an accurate view of the workday can help you make more meaningful and informed business

decisions.

Who knows: You might find hours of productive time by eliminating distractions and busy work.





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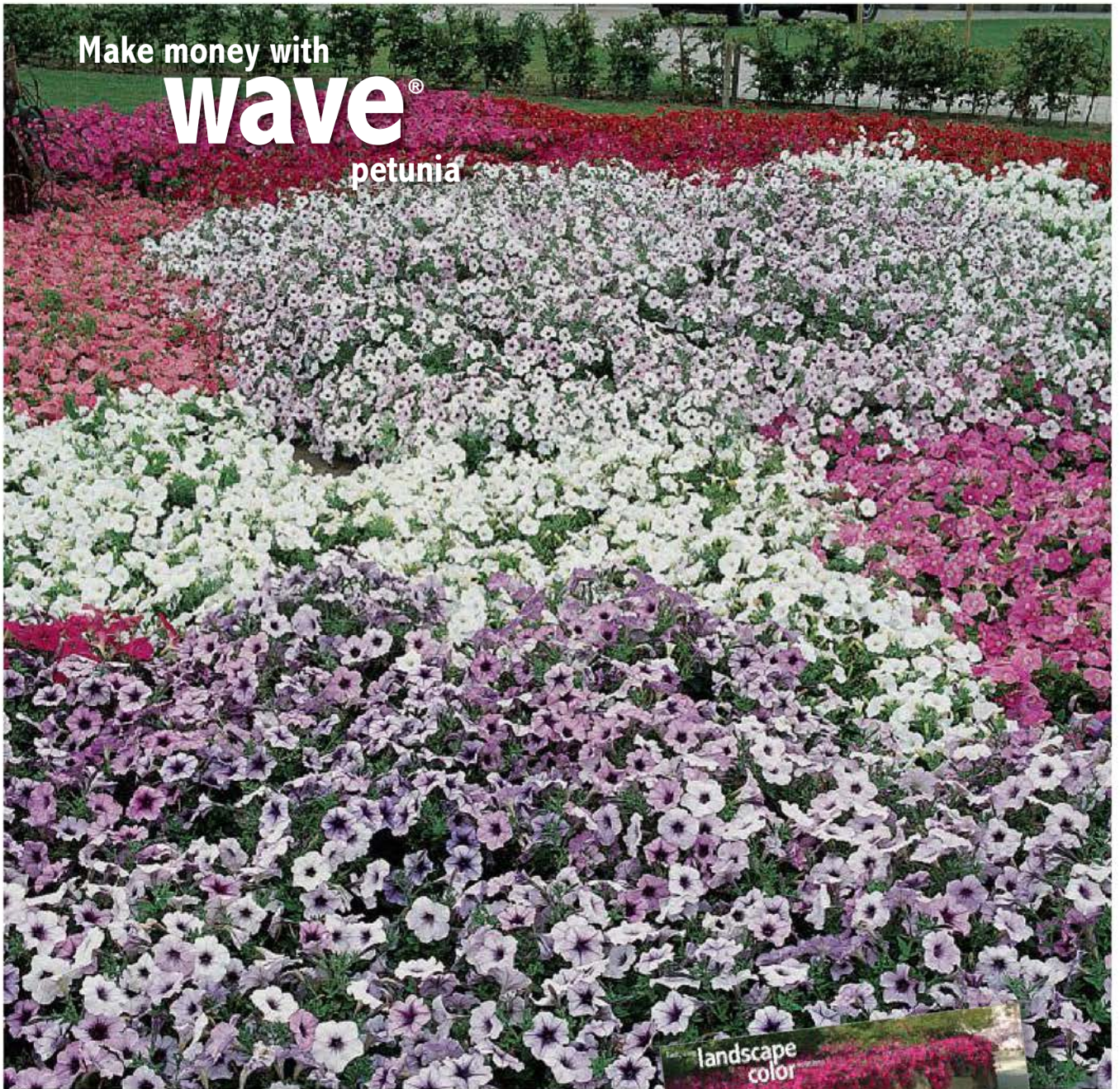
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