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4x the Power of Lime

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- 80% less dust than traditional liming products

Solu-Cal Mag
4x the Power of Dolomitic Lime

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pH:Ca Technology



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LM REPORTS

YOUR GUIDE TO PRODUCT RESEARCH

LAWN CARE: IRRIGATION PRODUCTS

Rain Bird

When the pressure's on, save water and money with Rain Bird 1800 Series PRS Sprays and 5000 Series PRS Rotors. High water pressure is a common problem in communities across the nation. But this big problem has a simple solution: By regulating high or fluctuating pressure at the head, Rain Bird's Pressure Regulating Stems (PRS) with Flow Optimizer technology can help save approximately 1 gpm per rotor or spray. Given the high price of water in many areas, customers can also enjoy considerable cost savings — annually and over the life of the system. RainBird.com/PRS



Aquascape Inc.

The new Aquascape smartphone app offers water gardening tips and information, divided into five easy-to-use sections. It features hundreds of high-quality water photos; the latest news on Aquascape pond products and events; how-to videos on pond installation, maintenance, fish and plant care; water gardening articles; and an online store that showcases a variety of pond supplies. The Aquascape App is available for Apple's iPhone and Google Android-based smartphones. To preview and download the app, visit the iTunes Store or Android Market, then search for Aquascape Pond app. Aquascapeinc.com



Cleveland Tubing Inc.

As part of the complete drainage solution system from FLEX-Drain, this new Flexible T/Y fitting recently won the Best New Specialty Product Award at the national Irrigation Show. The new T/Y fitting increases efficiency by eliminating the need for rigid wyes and tees, flexing to become either one. It fits nearly any angle and is compatible with 3- and 4-in. corrugated pipe and 4-in. PVC. FLEX-Drain.com





Mole Guard

Mole Guard introduces an affordable and convenient solution to dirt, debris and pest-filled valve boxes. Mole Guard is a patented polypropylene bottom for underground valve boxes with side guards, where pipe enters and exits. Together, these provide a barrier preventing dirt and unwanted pests from entering the enclosure through the bottom or along the piping. Mole Guard is easy to install and is available in four sizes that are designed to fit the most popular-sized enclosures. Mole Guard was designed with service personnel in mind, making the maintenance and repairs of equipment in valve boxes as fast, safe and easy as possible. MoleGuard.net



The Toro Co.

The new Toro Precision Soil Sensor continuously measures moisture levels in the soil and determines when to allow the irrigation controller to water, maximizing the efficiency of your irrigation system. There are two wireless components: a receiver that hooks up to the irrigation controller, and a sensor that installs in the ground. Once installed, the sensor calibrates itself automatically to determine the soil type. When the moisture level exceeds the user-defined optimum level for the plant material, the controller is prevented from running any irrigation programs. This prevents unnecessary watering and provides the possibility for significant water savings. The unit also is the first soil sensor to offer freeze detection, which prevents irrigation when temperatures approach freezing. Toro.com



WaterOptimizer Inc.

The WaterOptimizer, a smart irrigation system, was named Innovation of the Year at the recent BizTech Innovation Summit Awards & Expo. Sensor nodes designed to measure the amount of water in the soil are placed in the ground. Sprinklers only turn on when the ground is dry, and then only long enough to reach the desired moisture level. The system is controlled remotely through an Internet connection. The wireless mesh network relays information back to the user, giving instant data and immediate control. WaterOptimizer.com

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Firestone Specialty Products

The new Water Management Solutions customizable product line includes the Firestone EPIC Chamber, a drainage and irrigation system that uses a natural passive process to manage and direct water resources; the Firestone EPIC Pan Sheet, corrugated plastic flat sheets that are assembled on-site for ease of installation; the Firestone EPIC Pan, an alternative to the pan sheet; the Firestone EPDM Geomembrane, a cured, single-ply liner used to capture water for reuse in subsurface irrigation; the Firestone Netlon Advanced Turf System (ATS), a polypropylene mesh blended into the soil profile to increase bearing capacity and root stability; the Firestone NetPave 50, a permeable, recycled thermoplastic paver; the Firestone NetPave 25, a lightweight permeable paving system installed atop existing grass surfaces to improve bearing capacity for light-weight vehicular traffic; the TurfGuard Paver, an extruded polyethylene mesh roll that is tough, flexible, long lasting and suitable for occasional vehicular access on soft subgrades; and more. *FirestoneSP.com*



Hypro

Hypro Express wet boom fittings feature a connection that is quick and easy to assemble and provide a quality leak-proof seal for stainless steel or polypropylene pipes. They lock the alignment of pipe sections, barbs, tees or nozzle bodies for always-right assembly.

Utilizing the proven O-ring sealed joints used for nozzle bodies, Express wet boom fittings eliminate the need for leak-prone threaded joints or expensive welded fittings. They efficiently install using the same hardware and mounting methods as Hypro ProFlo wet boom nozzle bodies. They also leverage the same simple drilling and cutting operations used to prepare pipes for final assembly. Express wet boom fittings are currently available for 1-in. nominal pipe with universal flange, hose barb and cam lock connection options. *HyproPumps.com*



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MAINTENANCE: TRENCHERS

Ditch Witch

Fast, powerful, simple to operate and easy to steer, the Ditch Witch RT24 compact trencher offers a choice of high-flotation tires or heavy-duty tracks, plus an optional Roto Witch boring attachment that helps you install utilities beneath driveways, sidewalks and other surface improvements with minimal turf disturbance. The fully hydrostatic, 22.3-hp unit was designed with more weight on the digging chain, so it can put more product in the ground

faster. A special trail wheel supports the oscillating tracks to help reduce breakover and increase stability over uneven and rough terrain; tracks "walk" or oscillate 12° for extra stability. Its trenching capacity is 48 in. deep and 8 in. wide, and easy hand controls are grouped conveniently at the operator's station. The optional backfill blade, available only from the Ditch Witch organization, eliminates the need for shovels and manual labor. DitchWitch.com



Land Pride

New for 2012, the Land Pride DT35 Ditcher features an adjustable depth shoe, 1-in. ripper shank, #80 drive chain and 2-in. main shafts as standard features. With an adjustable cutting diameter of 16 or 18 in., the cutting edges are reversible/replaceable and manufactured from AR400 material. The impeller leaves a clean and sculptured trough to keep water flowing freely. Perfect for your 30-hp to 60-hp tractor, the DT35 quickly creates channels up to 9-in. depth for small irrigation ditches or for efficiently diverting water from unwanted areas. LandPride.com



Little Beaver

Kwik-Trench mini-trencher is offered in two models, the KT200B and KT2400B, both able to trench up to 30 ft. per minute. The Kwik-Trench works quickly and efficiently to create clean, narrow trenches. Featuring a triple V-belt drive system, it achieves rotation speed up to 800 rpm. Precise cutting depth is achieved with a manual crank, while each trencher's locking swivel wheel guides the unit, ensuring straight trenches. In addition to producing clean, precise results, the Kwik-Trench is designed to minimize backfill and cleanup time by depositing soil beside the trench. Powered by a 5.5-hp Honda engine, the KT 200B is capable of achieving depths up to 8 in., while the KT 2400B unleashes 8 hp through its Honda engine and achieves depths up to 12 in. For added convenience, Little Beaver offers an optional trailer to make transporting the Kwik-Trench a snap. LittleBeaver.com

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StormPave permeable pavers in gray and autumn

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Presented with the challenge of pooled mud when it rained at Kenan Hall, Flagler College in St. Augustine, FL.

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