

Delivering Expertise in Stabilized Nitrogen

AGROTAIN International, makers of Stabilized Nitrogen products like UMAXX, UFLEXX and HYDREXX, provide superintendents with maximum nitrogen control. Says AGROTAIN International President Mike Stegman, "We're proud of our reputation as 'Nitrogen Management Experts' because it was earned by sharing knowledge and educating superintendents on how to improve nitrogen efficiency."

Improving nitrogen efficiency

These products maximize nitrogen efficiency by delivering a long-lasting, consistent source of nitrogen to plants, regardless of soil temperature or moisture with minimal escape into the air or groundwater. This results in the ability to reduce nitrogen



Mike Stegman
President

rates by as much as 20 percent due to improved nitrogen efficiency.

Very simply, stabilized nitrogen products ensure more nitrogen gets to the plant – where it's intended to go. Because more nitrogen stays in the soil, superintendents can expect consistent nitrogen feeding, resulting in maximum turf color and vigor without growth surge or burn. And by improving nitrogen

efficiency, superintendents can also realize time, labor and cost savings while protecting the environment.

Working above (and in) the soil

AGROTAIN International's proprietary products take control of the nitrogen cycle and inhibit the three mechanisms for nitrogen loss. Above the soil, Stabilized Nitrogen Technology inhibits urease, the enzyme that converts urea nitrogen into volatile ammonia and carbon dioxide. Volatilization is minimized and allows more time for rainfall and irrigation to move the fertilizer into the soil.

Once urea breaks down in the soil, the second proprietary inhibitor slows denitrification and leaching by blocking the enzyme responsible for converting ammonium into nitrite. Stabilized Nitrogen products improve nitrogen efficiency while allowing soils to maintain healthy populations of beneficial soil organisms.

AGROTAIN
INTERNATIONAL, L.L.C.

Researching a New Frontier

Over the past several years, The Andersons has introduced a line of patented dispersing granule products under the brand names DG Pro, Contec DG and Nutri DG. Each of these brands was developed with the focus of being environmentally friendly, along with being beneficial in many other ways. A major feature of these products is they disperse or "melt" within minutes of contact with water.

Last summer, The Andersons announced that a collaborative team it led would receive \$5 million in grants from the Ohio Third Frontier Commission, a state project whose goal is to expand Ohio's high-tech research capabilities and promote innovation and company formation. The Andersons received the grants for the development and commercialization of advanced granules and other emerging technologies to provide solutions for the economic health and environmental concerns of the green industry and the agriculture industry.

The grant enables The Andersons to accelerate its research in extending this proprietary technology to agriculture applications, according to Tom Waggoner, president of The Andersons Turf & Specialty Group.

Lt. Gov. Lee Fisher, chair of the Ohio Third Frontier Commission, said the commission recommended the grants for the development of advanced granules "that effectively deliver fertilizers and pesticides or biologically active ingredients to specifically targeted areas, activating once exposed to water which reduces environmental risks."

The past few years, Waggoner said The Andersons realized it had to become a forward-thinking company to stay competitive; that's why it researched the DG technology. The \$5-million grant will spur R&D development to help the company become even more forward-thinking.

"It will allow us to share our vision of the future," Waggoner said.



Andersons
GOLF PRODUCTS®

Long-time Focus on Sustainability

Sustainability has been a dedicated focus at BASF for decades, and BASF has a unique perspective on implementing it. One of four strategic company pillars, sustainable development is a fundamental requirement for all BASF activities.

Sustainability matters as much to turf and ornamentals professionals as it does to BASF, which strives to improve the balance among environmental, economic and social impacts of its actions.

BASF is committed to preserving and improving the natural environment on several fronts, including energy efficiency, smart manufacturing processes, waste reduction, innovative product development and industry education.

To maintain social sustainability, BASF has global and local programs and policies promoting employee volunteerism and corporate donations in the areas of scholarship, community support and disaster relief. The BASF Turf & Ornamentals business integrates into the social fabric of its communities and markets with volunteer activities such as working with Habitat for Humanity, and supporting the golf industry's First Tee Program.

From an economic sustainability standpoint, BASF builds on its core chemical competency to help turf and ornamentals professionals operate more effectively and in a more environmentally friendly way. When its customers are successful, BASF achieves financial goals that continue to drive innovation research.

BASF Turf & Ornamentals technical and sales representatives work closely with private industry and university experts and customers to continually monitor and improve pesticide application techniques for better disease, weed and insect control.

Golf course superintendents know that selecting the right products and related support ties more directly than ever to economic sustainability, and BASF Turf & Ornamentals product formulations consistently deliver leading efficacy, consistency and length of control.

For turf professionals set on being more sustainable, partnering with BASF is a natural fit. Because BASF products meet stringent environmental standards, customers can focus on growing and sustaining their own business initiatives.



Plant Health Initiative Focuses on the Future

The Plant Health Initiative is Bayer CropScience LP's scientific approach to improving the health and quality of plants beyond pest management. This is about finding and developing the next generation of solutions to better manage green space while positively impacting our environment. The first example of the Plant Health Initiative is the development of the Bayer portfolio of products formulated using *StressGard*[™] technology. Research shows the Bayer products formulated with *StressGard* technology positively affect and promote healthier turf by helping the turf more effectively manage the stresses of golf course conditions. Bayer researchers are working on developing ways to enhance root growth, regulate water use in plants to defend against drought, and alleviate symptoms of environmental stress.

As the industry leader on plant health, Bayer is investing considerable resources in research and development. Since 2005, we have invested more than \$2 million and will continue to allocate research funding toward the Plant Health Initiative. Bayer is the first manufacturer to open a Plant Health Laboratory. Opened at the Clayton facility in fall 2006, this dedicated facility gives us the opportunity to study plant health in both the laboratory as well as a real-world field environment.

As part of a larger global sustainable development initiative, Bayer developed "Protecting Tomorrow Today" – a holistic approach to operating all aspects of our business economically, socially and environmentally. The Plant Health Initiative demonstrates our commitment to sustainable development. We continue to develop products and technologies that affect positive change on micro-environments like golf courses, where healthy turf and trees are a benefit. By creating the optimal environment for plant health, the initiative focuses on a common goal – to better our planet both locally and globally.

We all have a role in protecting tomorrow. Bayer is taking a leadership role through the Plant Health Initiative to create a more sustainable future.

BACKED
by **BAYER**

Walking the Talk

Long before “green” became the new buzzword, many golf superintendents recognized the fragile beauty of their courses and the need to minimize their environmental footprint. Inside DuPont’s R&D labs, our scientists are focusing research to develop products that have minimal impact on the environment and beneficial arthropods, birds, fish, bees and mammals. In step with our customers, we are “walking the talk” in making meaningful differences that our generation and future generations will experience firsthand.

While we recognize the importance of green chemistry, we also know our customers need products that deliver results. Our R&D efforts focus on creating high-performing products with improved environmental attributes.

Our current product portfolio includes Acelepryn® insecticide, which allows golf superintendents to control all 10 key turf-damaging white grub species plus surface-feeding insects, such as annual bluegrass weevils, billbugs, cutworms and caterpillars. Acelepryn® is in a chemical class by itself and has a mode of action that is different from current turf insecticides. Acelepryn® also has the lowest currently known approved application rate for white grub control; an active ingredient with lower water solubility; and a favorable environmental and toxicological profile. Acelepryn® is classified as reduced-risk by the EPA for applications to turfgrass.

DuPont™ Advion® fire ant bait features the DuPont active ingredient indoxacarb, which was recognized by the EPA in its Reduced Risk Program for fire ant control – a status no other active ingredient has been granted to date.

DuPont™ Provaunt® insecticide effectively controls caterpillars as well as mole crickets, annual bluegrass weevil larvae and European crane fly larvae. It’s effective at low application rates while featuring a distinctive chemistry and mode of action.

Always read and follow all label directions and precautions for use. The DuPont Oval Logo, DuPont™, The miracles of science™, Acelepryn®, Provaunt® and Advion® are trademarks or registered trademarks of DuPont or its affiliates. Copyright © 2009 E.I du Pont de Nemours and Company. All rights reserved.



Mike McDermott
Global Business Leader

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Little Changes Can Make Big Difference

Thanks to a strong passion for designing cars that meet the individual needs of our customers, E-Z-GO is now a leading global manufacturer of golf cars and utility vehicles. Our passion is also reflected in our dedication to creating an eco-friendly experience for our customers, our employees and our communities.

Greener manufacturing facilities:

At E-Z-GO, we believe that having a positive impact on the environment begins by making a number of small steps in the right direction. By installing high-efficiency lighting in our manufacturing facilities, we’ve reduced our energy usage by an average of 7 percent year over year. E-Z-GO manufacturing lines employ a four-day work week to further reduce our company’s consumption of energy and natural resources. We’ve even reduced the amount of water used to wash our vehicles by installing a closed-loop oil-water separator. E-Z-GO also recycles cardboard, paper, plastics metals and wooden pallets, which has greatly reduced our company’s landfill waste.

Eco-friendly products:

E-Z-GO’s commitment to the environment doesn’t end at the doors of our manufacturing facilities. To truly make a difference, we believe it’s also important to produce eco-friendly products that will continue to save energy long after they roll off our production lines. Designed with an ultra-efficient AC Drive that requires less energy to charge and operate, the E-Z-GO® RXV™ electric golf car is a prime example of such a product. Some components of the RXV are made from 100 percent recycled material. The gas model of the RXV uses a single-cylinder Kawasaki® engine that improves fuel efficiency by up to 52 percent and meets California’s stringent emissions standards.

E-Z-GO was built around a sport that respects the beauty and natural challenges of the environment. That’s just one of the many reasons we strive to reduce energy costs and protect nature through every aspect of our company.



The miracles of science™

EXCELLENCE IN MOTION

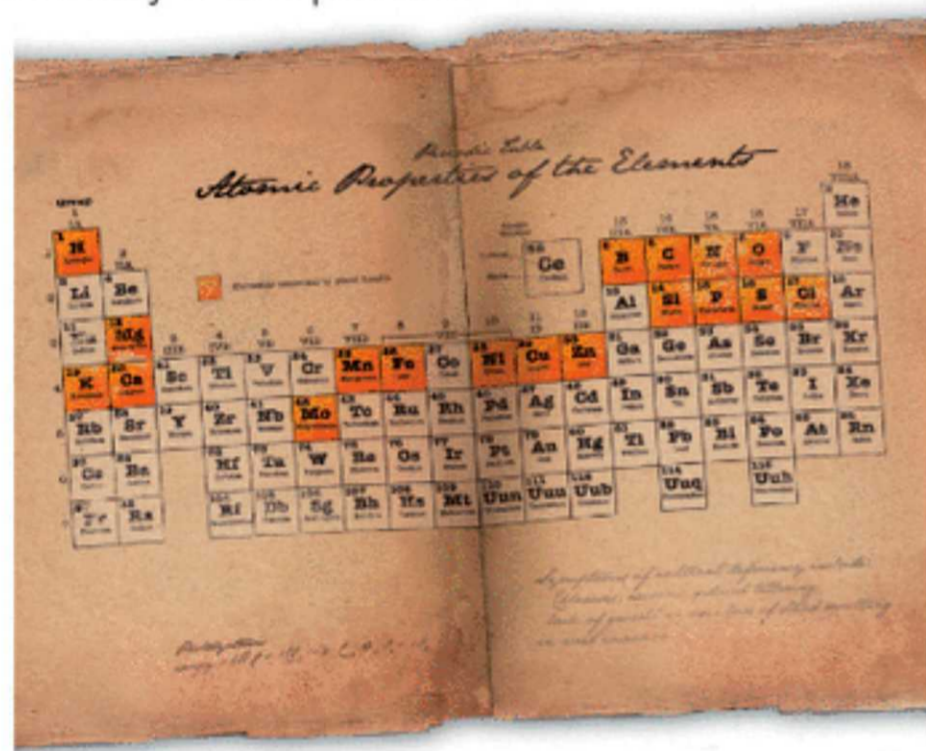


A Textron Company

Sound Solutions Battle Turf Stress

Floratine products are based on good science, providing a platform for environmentally sound turf nutrition solutions, with the belief that a strong turf nutrition program leads to stronger turf, requiring less inputs to fight off stress and potential diseases.

Floratine's first-in-class foliar and soil nutrient products, manufactured with only the finest pharmaceutical- and food-grade raw materials, maximize the plant's nutrient uptake for strong turf while minimizing waste and runoff for an environmentally sound practice.



Floratine also specializes in products that help "mine" or use up nutrients already in the soil that are "tied up," or inaccessible to the plant. In the current climate where budgets are tight and inputs are being monitored or restricted, such technologies are a win-win for the golf course, both financially and environmentally.

"Yes, we can definitely treat issues that arise when turf is stressed," says Kevin Cavanaugh, a former superintendent and current CEO of Floratine. "But it's even more important to prepare the plant to withstand the daily stresses that can easily lead to disease. We believe the best way to do that is to implement a comprehensive and proactive turf nutrition program."

"That is the best practice from an environmental standpoint, too," adds Cavanaugh, "because healthy turf uses less resources to manage and maintain."



Rooted in Science

Protecting Turf From Disease

Since 1996, GreenJacket® has pursued the development of a winter turf cover that would help protect the precious turf underneath from the different scenarios Mother Nature could offer, such as crown hydration, desiccation and direct cold temperature kill to name a few. With turf covered all across the United States, Canada and Europe on golf courses and university turf test plots, GreenJacket's® patented turf cover technology is the recognized leader in cold weather "impermeable" winter turf protection as well as our GreenJacket® permeable grow-in covers. While the lifespans of our engineered covers are more than six years, we're doing our part in keeping them green.

New insulation

New this season is our GreenJacket® AFS Insulation. We have been listening. While our foam insulation will still be available, we are answering the call for a better method to insulate and allow passive airflow under the GreenJacket®. Visit www.greenjacket.com for information.



*GreenJacket
impermeable
covers*



*GreenJacket
permeable
grow-in covers*

With sales associates across the United States, Canada (from Winnipeg west) and Europe, GreenJacket® winter turf protection products have moved to the forefront of winter turf protection. You can "Find a Rep" in the menu bar or contact us directly at any time. For a custom quote, product literature or general information, we invite you to look around the GreenJacket® Web site to learn more about our impermeable and permeable greens covers, turf protection products, the tests that have been done, and photos of many of the courses and trials that have utilized the GreenJacket® as their winter protection method.



Tapping into Safe Drinking Water

According to the Container Recycling Institute, a non-profit organization dedicated to reducing the environmental impact of beverage containers, Americans buy an estimated 28 billion single-serving plastic water bottles each year, with more than eight out of 10 ending up in a landfill or incinerator. Not only do plastic water bottles cause unnecessary trash, the manufacturing process also uses a significant amount of natural resources, such as oil. In fact, the Pacific Research Institute, an environmental think tank, estimates it takes 17 million barrels of oil to create these 28 billion water bottles – enough to fuel one million cars for a year.

In light of the growing concern about bottled water waste, coupled with the current state of the economy, many consumers are cutting back on their plastic bottle purchases and opting for tap water.

As a leading manufacturer of water coolers and drinking fountains since 1912, Halsey Taylor is an expert on providing clean, safe water in public places. With an extensive line of indoor and outdoor models that can be equipped with water filters and even glass/bottle fillers for added convenience, Halsey Taylor offers an ideal green alternative to bottled water usage on golf courses nationwide.

Not only do all Halsey Taylor water coolers and drinking fountains provide a safe and environmentally friendly alternative to plastic, the new GreenSpec® listed HVRGRN water cooler goes the extra mile; this new model is approximately 50 percent more energy efficient, consumes nearly 40 percent less water and uses less refrigerant than any comparable water cooler in the industry. In addition, the recently introduced Voyager MVP is equipped with a proprietary electronic eye sensor, the reliable Aqua Sentry™ water filter and Halsey Taylor's new Filter Life Indicator to provide a hands-free solution for healthy drinking water that consumers can enjoy with confidence.

New and exciting products and innovations will continue to be a part of Halsey Taylor's future. But more importantly, just as it has been since 1912, our top priority will always be the safety of those who drink from our water coolers and drinking fountains.



Halsey Taylor®

Good Stewardship Guides Each Process

As a global manufacturer and a committed partner to the Green Industry, John Deere strives to conduct business in a way that safeguards employees, customers, community neighbors and the environment. In the company's view, conducting business this way is a necessary part of its pursuit of sustainable growth and performance that endures.

John Deere's operating processes reflect a commitment to environmental protection through energy-efficient systems and waste reduction and elimination. And when investing in new products, approaches or technologies, John Deere gives preference to those that have the most favorable environmental impact and safeguard customers.

Respect and concern for the environment are reflected in how we design and build products. Our products are built to meet and sometime exceed emission requirements, while still reducing customers operating costs. Additionally, specific products provide benefits like reduction of energy needed to manage turf and crops with features like global positioning, electric components and more.

Deere's Environment, Health & Safety (EHS) policy requires compliance with all applicable EHS regulations wherever the company does business. John Deere makes EHS considerations a priority in business planning, provides financial and human resources for EHS programs, monitors performance and promotes healthy workplaces.

John Deere's environmental stewardship and commitment to workplace safety are integrated into the company's operations throughout the world by the John Deere EHS Management System. The system includes a set of formal, documented processes for controlling and continuously improving environmental, health and safety measures.

John Deere believes a great business requires good citizenship, and we're happy to do our part toward making ours a better world.



JOHN DEERE

Technologies Focus on Eco-friendliness

LebanonTurf's longstanding commitment to the environment is evidenced in the company's significant investment in research and development for more than two decades.

Incorporating advanced technologies into our fertilizers, grass seed and lawn-care products, our dedication to sustainability has resulted in the most advanced and environmentally friendly inorganic slow-release nitrogen fertilizers on the market. When combined with best management practices, our quality products provide an effective, environmentally responsible way to care for turf.

Our innovative technologies provide a variety of slow-release nitrogen sources to promote overall turf health. LebanonTurf's exclusive MESA (Meth-Ex Sulfate of Ammonia) fertilizer products are made by combining two high-quality forms of nitrogen (Meth Ex 40 and ammonium sulfate) into a single particle. As an uncoated product, MESA promotes a number of eco-friendly benefits while helping users avoid many of the problems associated with coated urea products. Extended-feeding periods, excellent up-front response, predictability and efficiency are among the advantages of MESA products marketed as part of Lebanon's ProScape brand. Efficient methylene ureas, which are released based on soil microbial activity, help the turf use more of the nitrogen application. By closely matching the amount of nitrogen released to the plant's physiological needs, these products reduce leaching and volatilization.

The company's recent acquisitions of the Emerald Isle product line and Roots Turf brand of organic fertilizers further complement our existing NPK fertilizer lines and reinforces LebanonTurf's commitment to biological plant nutrition. Emerald Isle True Foliar products produce excellent turfgrass playing conditions — consistent surfaces, ideal color and outstanding turf density — while providing seaplant extract and other beneficial supplements for root growth, stress tolerance and disease resistance. The Roots all-in-one nutrient delivery system feeds the plant while enhancing the biological life of the soil and plant ecosystem.



A Global Model for Stewardship

Nature Safe offers constructed meal-based fertilizers derived from animal proteins such as meat, bone, blood, poultry, fish and feather meals as well as bakery byproducts and humates. With the highest amino acid concentration of any commercial fertilizer, Nature Safe products represent unparalleled product consistency and nutrient availability, resulting in an extremely predictable release. With a full line of all-organic as well as fortified organic formulations, Nature Safe has a product to match any agronomic and budget challenge.

Nature Safe promotes great turf color and builds stress tolerance. The slow, even feed minimizes top growth and enhances microbial activity to reduce thatch. Organic nutrition and



fertility is critical to building root mass, improving density, and enhancing overall disease and water management properties for maximum turf health and vigor.

Nature Safe and parent company Griffin Industries take great pride as the first and only turf industry supplier to have certified all production

operations as well as our corporate office through Audubon's Cooperative Sanctuary Program for businesses. With literally thousands of acres certified, Nature Safe and Griffin has evolved into a global model for stewardship excellence.

In addition, with environmental sensitivity and resource conservation at a record high, Nature Safe has developed a signage program for superintendents recognizing customers for their environmentally positive maintenance practices and providing an excellent education and outreach tool for the communities they serve. For information on Nature Safe or for a local distributor, visit www.naturesafe.com or call 800-252-4727.



Making Applications More Efficient

Phoenix Environmental Care is truly an organization that cares; our name is more than a descriptor, it's a commitment. We care about providing products with superior efficacy, innovation and cost-effectiveness. And we care about the environment and doing our part to preserve it. Not only is Phoenix Environmental Care an active supporter of Project Evergreen, we extend our environmental commitment through our BATPak® packaging, a new, completely recyclable packaging concept, offered exclusively at Phoenix Environmental Care.

Phoenix Environmental Care's BATPak packaging makes recycling faster and easier and provides customers with a simple way to buy, store and use pesticides. The BATPak (which stands for buy, apply, turn it) is a unique, environmentally friendly, multi-gallon delivery system designed to simplify container handling and disposal.

Available in 7.5-gallon and 25-pound sizes, the BATPak saves customers time and trouble with every application because it eliminates the need to handle multiple smaller jugs. Environmentally friendly BATPak containers can also be returned to Phoenix Environmental Care, at no cost to customers, which eliminates disposal issues and allows the packaging to be reused. This means less landfill waste and an increase in the amount of recyclable packaging being used.

BATPaks are made of durable, see-through plastic to prevent corrosion and let customers see how much product is left in the container after each application. A tapered mouth and "no glug" valve help assure that each BATPak will fully drain, with less risk of spillage.

BATPak containers are currently available with the following products: Kestrel® MEX, Vital®, Vital Sign™, WingMan®, and GoldWing™. Look for more products to become available in the BATPak in the future.

For more information on BATPaks, please contact Phoenix Environmental Care at 888-240-8856 or visit www.phoenixenvcare.com.



Water Management Saves Resources

In January 2009, Leibold Irrigation and Bull Market Turf & Ornamental partnered together to become ProGro Solutions — a company with the vision and resources to be a full turf management and maintenance supplier while focusing on eco-agronomic strategies that are environmentally safe.

It is our responsibility to deliver the turf quality that is demanded by the stakeholders and the customers that pay to use those facilities. It is our duty to provide this service while respecting the land we manage and the ecosystem that survives because of it.

Golf course owners and superintendents have long led the efforts to reduce the negative ecological effects of maintaining their courses through Best Management Practices. Technological advances in bio-pesticides, controlled release fertility, electric equipment, improved irrigation systems and others encourage environmentally friendly practices.

Water Management Conservation:

The forecast for tighter water supplies will require improved efficiencies and in some cases restrictions on the use of water. Rinse water will need to be recycled and purified prior to discharge or reuse.

In May, we teamed with Leibold Water Treatment Systems, which offers the latest technology in biological waste water treatment. The system breaks down organic contaminants (oil, grease and pesticides) in wash water into carbon dioxide and water for recycle or discharge.

Rinse water recycling systems also provide a solution for equipment washing. Most equipment is washed once, if not twice daily. The wash water used is instantly contaminated with pesticides, oils and fecal matter from animals that is picked up on the course. This water is either recycled or is allowed to drain back into the ground or sewer system. Without a recycling system in place, there is great potential for contamination and careless use of great quantities of fresh water.

By utilizing our system and recycling water for later use, you reduce overall water use and ensure ecological responsibility.



Setting the Bar High for Stewardship

The people of Quali-Pro take great care and responsibility toward protecting the environments in which we all live, play and work. Quali-Pro is dedicated to helping our customers and their clients create lush and beautiful golf courses, landscapes, lawns and gardens. To accomplish these desired effects, we make every effort to help reduce environmental impact on climate, water resources and biodiversity. In



tandem with these efforts, Quali-Pro also develops clear and in-depth storage, use and application materials as well as on-site service and training support for our customers.

We take great care to ensure that sound and responsible environmental standards are established and maintained throughout our distribution chan-

nels — and are constantly seeking to improve and update our operations from an environmental perspective.

Quali-Pro is proud of our environmental record in delivering products that meet the standards set by our industry and provide quality and value to our end users. We're also proud to support industry efforts in advocacy, continuing education and professional development as active members of national, state and local associations including: Responsible Industry for a Sound Environment (RISE); Golf Course Superintendents Association of America (GCSAA); Professional Landcare Network (PLANET); California Association of Pest Control Advisers (CAPCA); and Independent Turf and Ornamental Distributors Association (ITODA).

QUALI-PRO

Intelligent Use of Water Guides Us

Every day, we make choices — choices that directly affect our families, our communities and our environment. But will our choices leave behind a better world for future generations than the one we inherited?

Rain Bird understands the vital role water plays in a healthy, sustainable environment. We take the challenge of using water responsibly very seriously. That's why our over-arching philosophy, The Intelligent Use of Water™, guides everything we do.

We've built a reputation on delivering irrigation systems that combine performance with efficiency. Every day, Rain Bird leverages state-of-the-art technologies to innovate and develop products that apply water in the most effective and efficient manner possible. From pressure-regulating spray heads and water-efficient nozzles, to cutting-edge controllers and state-of-the-art drip irrigation systems, Rain Bird's products use less water to maintain beautiful landscapes and golf courses.

Our commitment to The Intelligent Use of Water extends beyond our products to initiatives aimed at educating the industry and the community on the need for best practices of outdoor water efficiency.

Through the annual Intelligent Use of Water Summit, Rain Bird brings together some of the world's leading experts on water, irrigation and conservation to openly discuss and debate water-related issues. From our well-documented white papers to the curricula we've developed with leading educators, Rain Bird constantly seeks out new ways to build a better understanding of water's economic and environmental roles.

We also believe that building partnerships with likeminded individuals and organizations is a powerful way to inspire change. Rain Bird partners with organizations like the GCSAA's Environmental Institute for Golf and the American Public Gardens Association to promote responsible water management.

Rain Bird is dedicated to environmental stewardship, and this commitment is woven into the very fabric of our organization. In the future, we will continue to develop both products and initiatives that have the potential to inspire responsible, informed choices about the way we all use water each and every day.

RAIN BIRD

Quality Water, Naturally

Circulation technology from SolarBee Inc. is an energy-efficient and chemical-free solution for improving water quality. With applications for ponds and lakes as well as wastewater facilities and drinking water tanks, SolarBee circulation equipment benefits the environment by reducing chemical use and carbon footprint.

GridBee Submersible Circulators, a division of SolarBee Inc., helps golf course superintendents minimize pond scum without chemical treatments. GridBee circulators work from beneath the water surface to create a constant, gentle water flow that impedes the growth of harmful blue-green algae in ponds up



Willard Tormaschy
*Vice president &
engineering manager*

to 3 acres.

The same circulation technology that works in ponds is applied on a much larger scale for lakes, wastewater treatment ponds and drinking water tanks. Introduced in 2001, **SolarBee Circulators** pull water from a fixed depth and move it in a near-laminar flow through long distances, resulting in thorough "mixing" that's important for water quality. In wastewater treatment for example, one SolarBee circulator is able to displace

up to 40 hp. Because it's engineered to be extremely efficient, the SolarBee circulator is able to be solar-powered. The resulting energy savings of about 220,000 kilowatt hours per year is equivalent to the annual energy requirements for about 20 homes or 25 passenger cars, and reduces equivalent carbon dioxide emissions by about 150 tons per year.

SolarBee considers environmental initiatives an important component of being a responsible corporate citizen. Its new factory in Dickinson, N.D., features geothermal heating in the offices, radiant floor heating in the shop and a gray water recycling system. Named one of the world's "Top 50 water companies" in 2009 for its contributions to water quality, SolarBee is proud of its corporate philosophy emphasizing sustainable development, water quality and conservation, and energy efficiency.

SolarBee[®]
Circulating the World's Water

Managing Soil pH Key to Turf Health

Turf managers know the critical role that soil pH plays in soil health and turf quality. They are also aware of the effects the products they incorporate into their turf program have on the environment. Solu-Cal USA takes this issue to heart and produces products that are both environmentally friendly and extremely effective.

For instance, our proprietary Carboxy technology is used in all Solu-Cal products. Carboxy is our PHCA (polyhydroxy-carboxylic acid) organic acid that is derived from all natural ingredients. This technology assists turf managers in maintaining optimal pH. Maintaining optimal soil pH is a major factor in nutrient availability, microbial activity, soil structure and overall turf vigor, reducing the amount of herbicides and their effect on the environment.

Solu-Cal USA's family of calcium and sulfur products allows turf managers to quickly and efficiently address soil chemistry problems. Solu-Cal Enhanced Calcium quickly raises soil pH at one-quarter the rate of traditional liming material. With the reduction of application rates using Solu-Cal products, less time using motorized spreading equipment means less emissions and less stress on the environment.

Partner with Solu-Cal to efficiently manage your soil and your turf while protecting the environment.

Solu-Cal USA

Supporting IPM and Advocacy



Since 1969, Target Specialty Products has supported Integrated Pest Management practices. In addition to offering a broad spectrum of fertilizers and professional pest management products, the company offers educational programs promoting the responsible use of these products.

Target is a proud member of the following associations that also promote and advocate the responsible use of fertilizers and professional pest management products:

The Coalition for Urban/Rural Environmental Stewardship (CURES) supports educational efforts for agricultural and urban communities focusing on the proper and judicious use of pest control products. Central to its goal is the development and implementation of projects that advance stewardship practices when storing, handling or applying these products.

Responsible Industry for a Sound Environment (RISE) serves as a resource and advocate for pesticides and fertilizers and provides current and accurate information on issues and research affecting the industry. The association also monitors legislative and regulatory issues in Washington D.C. and in the states.

Golf Course Superintendents Association of America (GCSAA) is the leading professional organization for managers of golf courses worldwide. Target's golf team is active in GCSAA and local GCSAA chapters.

California Golf Course Owners Association (CGCOA) is dedicated to the stimulation of market growth for California's golf course industry. It promotes collaborative advertising and promotional advertising programs encouraging more rounds of golf throughout California.



Breeding Success through Healthy Turf

Tee-2-Green brings to market seed grown by the Penncross Bentgrass Growers Association, the only authorized growers of the Penn bents. Over the last half-century, these varieties have become universally respected and proven reliable due to comprehensive turf trials and widespread use by superintendents.

Today, through state-of-the-art breeding techniques, the dependable Penn bents are taking on new, desirable traits while retaining the attributes that made them popular in the first place. The new generation of Penn varieties is bred to perform better and provide more beautiful turf with additional



Bill Rose
President

qualities such as disease resistance, salt tolerance and the ability to provide better turf under low mowing conditions demanded on fairways, tees and greens.

Superintendents can take advantage of these time-tested Penn varieties mixed with new agronomic breakthroughs with thanks to Pure-Seed Testing Inc. Due in part to Pure-Seed Testing's diligent research, the Penn bentgrass family has grown to include additional varieties, as well as improved versions of earlier varieties. Today, Penncross is joined by the likes of Penneagle II, PennLinks II, Penn A's & G's, Seaside II and additional blends all bred to meet the varying needs of superintendents in every environment.

Its researchers are producing new generations of seed with all the virtues of their predecessors while adding further improvements and characteristics. Those efforts have resulted in better-performing, more beautiful turf with additional qualities such as better disease resistance, which saves time, labor and money by reducing the need for expensive fungicide applications.

While the Penn bent family has welcomed many additions over the years, an updated and improved version of the original – Penncross II – is in development by Pure-Seed Testing Inc. and Penn State University.

