Nitrogen efficiency is a key component for every turf management program.
UMAXX provides turf with ammoniacal nitrogen for 12 to 16 weeks, ensuring outstanding color, growth and preventing turf injury.
Focus:
The BASF Agricultural Products business in North America, Specialty Products Department, markets a wide range of innovative products and active ingredients designed to help superintendents maintain healthy turf with maximum efficiency of labor and other resources. BASF products for turf professionals include pre-emergent and post-emergent herbicides, fungicides, and a fumigant. The products that make up the BASF Turf portfolio provide unparalleled efficacy and value combined with an unwavering commitment to environmental responsibility.

Facilities:
The BASF Agricultural Products business in North America, Specialty Products Department, is headquartered in Research Triangle Park, N.C. It is a unit of the BASF Global Agricultural Products Division located in Mount Olive, N.J.

Technical support, customer service:
Technical field support for BASF Turf products is provided by eight regional sales representatives, a national sales manager, a national accounts manager, a product development specialist and a Basamid Granular Soil Fumigant specialist. In addition, BASF maintains professional relationships with many of the nation’s leading university researchers, who often provide recommendations and advice for BASF customers. Golf professionals can also find a wealth of useful information at www.turffacts.com.

Major product lines:
Pendulum® Pre-emergent Herbicide is the proven performer for preventing more than 40 troublesome grassy and broadleaf weeds. This long-time industry leader combines unbeatable performance with unmatched value. Drive® 75 DF Postemergent Herbicide controls a more extensive combination of broadleaf and grassy weeds and offers greater overseeding flexibility than any other postemergent herbicide. Image® 70 DG Herbicide kills “uncontrollable” weeds, such as purple nutsedge, green kyllinga, dollarweed, wild onion and many more. Basamid® Granular Soil Fumigant, the only granular soil fumigant on the market, quickly eliminates weeds, nematodes, grasses and soil diseases without tanks or tarps so you can reseed in as little as 10 to 12 days. Plateau® DG Herbicide provides effective pre-emergent and postemergent weed control in fine turf and controls vertical growth and suppresses seedheads in labeled turfgrass species. Sahara® DG Herbicide turns your jungle into desert with dependable bareground weed control of more than 150 weeds, as well as most turfgrasses, with a single application.

Pendulum, Sahara and Plateau are registered trademarks of BASF. Basamid and Drive are registered trademarks of BASF AG. Image is a registered trademark of Central Garden and Pet Co.
Product focus:
Dow AgroSciences has a full product portfolio offering branded insecticides, herbicides and fungicides that improve the quality and quantity of the earth's food supply, and contribute to the safety and health of the world's growing population.

Facilities:
Headquartered in Indianapolis, Dow AgroSciences is a global company that delivers innovative technology to provide pest management, agricultural and biotechnology products. The company employs more than 6,000 people in more than 50 countries and has worldwide sales of more than $3 billion. Dow AgroSciences is a wholly owned subsidiary of The Dow Chemical Co.

Technical support:
Seventeen sales representatives, three sales managers and three field development biologists provide stewardship, training and answers to formulators, distributors, university researchers and end users nationwide. Specimen labels and material-safety data sheets are available from the Customer Information Center or online. Publications include product fact sheets and Panorama, an eight-page newsletter for professional turf and landscape managers.

Major product lines:
Professional turf, ornamental and technical products for golf courses, lawn care and landscape contracting. Products include:
- **Confirm** insecticide — Controls worms, caterpillars and moths.
- **Confront** postemergence herbicide — Dandelion, clover and other hard-to-control broadleaf weeds.
- **Conserve** SC insect control — Highly effective worm and lepidoptera product; doesn't harm beneficiaials.
- **Curfew** soil fumigant — The most effective product for the management of nematodes; currently only available for use in Florida.
- **Dimension** herbicide — Never stains; pre-emergent and early postemergent control of crabgrass.
- **Dursban** Pro insecticide — Controls 280 insect pests.
- **Eagle** fungicide — Controls dollar spot and brown patch.
- **Fore** Rainshield fungicide — Most cost-effective control of brown patch and other key golf course diseases; prevents pythium.
- **Goal** herbicide — A good choice for pre-emergent and early postemergent control of more than 50 grassy and broadleaf weeds.
- **Kerb** herbicide — Controls poa annua on non-overseeded courses; controls ryegrass in overseeded warm-season grasses.
- **Lontrel** Turf and Ornamental postemergence herbicide — Broadleaf weed control on even the most sensitive turfgrass species.
- **Mach 2** turf insecticide — Prevents grub and lepidopteran larvae from ruining turf.
- **Surflan** pre-emergence herbicide — Safe on more than 400 ornamentals and provides season-long control of crabgrass, chickweed and more than 50 other weeds found in warm-season turf.
- **Team** Pro pre-emergence herbicide — Crabgrass, spurge and oxalis control.
- **Rubigan** specialty fungicide — Controls dollar spot along with poa annua in overseeded warm-season turf.

*Trademark of Dow AgroSciences LLC*
Floratine Products Group

Product focus:
Floratine focuses on advanced technology, environmentally responsible products and scientifically sound methods to assist superintendents in growing healthy, stress-resistant turf. The innovative, premium-quality products are designed to address chemical, physical and biological shortfalls in the soil and to provide foliar nutritional and biostimulant supplementation to meet linear requirements for healthy growth.

Facility:
Floratine's headquarters, in the Memphis suburb of Collierville, is a 24,000-square-foot building that houses its management and sales staff offices as well as its manufacturing facilities.

Technical support, customer service:
Floratine maintains a technical support of team of five agronomists and scientists. Its technical services division oversees agronomic and product-use training required of more than 100 field representatives associated with 50 independent distributorships in North America and Europe. Floratine's staff and distributors offer direct, in-depth service to clients.

Major product lines:
- The foliar biostimulant nutrients (Astron, Per’4’Max, Perk Up and others) are balanced phytochemical products for stress management.
- ProteSyn and Floradox are natural/organic compounds to promote plant health and strength.
- Floratine's wetting agents (Pervade, Retain and Retain Max) address excessive and deficient soil moisture problems.
- Floratine's several microorganism/enzyme products target remediation of specific microbial soil function deficiencies.

The Floratine Approach

- Accumulation of comprehensive, site specific information.
- Evaluation and interpretation of information to understand and explain agronomic conditions.
- Recommendation of scientifically sound, environmentally responsible methods and materials.
- Continuing conscientious monitoring and appropriate program adjustment.
TH!NK Mobility, an enterprise of the Ford Motor Co., offers a zero-emission, low-speed electric battery-powered personal vehicle. The TH!NK neighbor is the most technologically advanced vehicle to enter the relatively new but fast-growing federally recognized low-speed electric vehicle market.

The TH!NK neighbor will be rolled out at Ford dealerships first in the West and South and later in the Northeast and Canada. The new neighbor sport package is a tailor-made solution for superintendents who want to provide their customers with a revolutionary, environmentally conscious mode of golf course transportation.

Manufacturing facility:
The TH!NK neighbor will be assembled at the Detroit Chassis Plant, which has built a reputation for flexibility in developing new and unique products on short timetables with a new approach to urban community labor relations.

Technical support, customer service:
TH!NK dealers will deliver all new neighbors directly to their customers and will pick up and deliver the vehicles for service as necessary. Visit www.thinkmobility.com for the nearest TH!NK dealer or call 866-24TH!NK for information about TH!NK's growing dealer network.

Major product lines:
The TH!NK neighbor is offered in a two- and four-passenger model. The base package includes a trunk with lockable lid, driver's side mirror, solar windshield with washer and wiper, front cupholders, floor mats, an instrument cluster that includes state-of-charge indicator, reverse warning chime and horn. Available exterior colors include Snow White, Midnight Blue and Forest Green.

The Sport features a special golf package that includes a golf bag rack and platform, ball and club washer, sweater basket, sand/seed holder for divot repairs, street/turf tires, golf ball and tee holder, scorecard holder, rubber floor mats and cooler attachment.

Additional options include soft-side and rear-weather enclosures and a vented moon roof. Later in the year, heater/defogger and cooler/mister systems will be available.

In addition to the basic and sport packages, the neighbor is offered in the family neighborhood package.

Among the neighbor advantages:
- Class-leading driving dynamics — including a fully independent suspension, robust brakes and precise rack-and-pinion steering — that offer more safety, comfort and driving pleasure.
- Powerful 72-volt motor that delivers ample low-end power for quick takeoffs and maintains the vehicle's speed even while fully loaded in hilly terrain.
- Class-leading safety features, including three-point safety belts and head restraints for all seating position, an anti-rollaway feature, 3 mph bumpers, seatbelt reminder system, car-type brake and signal lights and mirrors.
- Easy charging from any 110-volt outlet in six to eight hours.
- Zero-emissions operations, with a top speed of 25 mph and range of up to 30 miles.
- Industry-leading total payload of up to 900 pounds in the longer-wheelbase four-passenger model, and 550 pounds for the two-passenger model.
- Among the most recyclable on the road, 98 percent of the neighbor's parts by weight can be recycled.
John Deere Worldwide

Product focus:
The John Deere Worldwide Commercial & Consumer Equipment Division manufactures and distributes a full line of lawn-care products for residential, commercial, and golf and turf applications, including irrigation supplies. The John Deere organization is noted for more than 160 years of innovation, the highest quality products, and its product and operator safety initiatives.

Manufacturing facilities:
The John Deere Worldwide Commercial & Consumer Equipment Division manufactures its line of golf and turf equipment at manufacturing facilities in Raleigh, N.C.; Williamsburg, Va.; and Welland, Ontario. In addition, John Deere manufactures commercial, residential and portable power equipment at facilities in Horicon, Wis.; Augusta, Ga.; Knoxville, Tenn.; Greeneville, Tenn.; and Jefferson, Ind.

Technical support, sales, training and customer support:
At www.johndeere.com, golf and turf customers can find more information on a variety of training and support functions, including online operator manuals, customer information bulletins, technician training courses and product information. In addition, customers can call the John Deere Customer Communications Center at 800-537-8233.

Major product lines:
John Deere Golf & Turf manufactures a complete line of products for superintendents and sports turf managers, including a variety of specialty mowers, utility vehicles, aeration and root-zone conditioning equipment, utility tractors and portable power equipment.

John Deere 3225B Lightweight Fairway Mower
Milliken Turf Products

Product focus: Valuable, credible solutions to turf maintenance problems, particularly stress management; soil air and water management; soil microbiology; and foliar nutrient management. Specific targeted product applications focus on greens and tees from spring to fall. Products include colorants, foliar biostimulants and fertilizers, organic soil amendments and fertilizers, and granular pregermination biostimulants.

Manufacturing facilities: Milliken manufactures products at its Dewey Manufacturing Plant in Inman, S.C., producing to ISO 9001 standards. Additional products are manufactured by Ocean Organics in Maine, utilizing state-of-the-art liquid processing and agglomeration methods, through our association with Emerald Isle Ltd.

Technical support, training, sales and customer service: Milliken Turf Products has five territory sales representatives, sales and marketing management, and business management directly involved. Additional resources include a fully staffed research and technical services laboratory, customer service department and administrative functions. All of the corporate resources of Milliken and Co. are available to support our business.

Major product lines: Major Product Lines include: Blazon® Spray Pattern Indicator; CPR™ for stress management; GroWin® granular pregermination biostimulant; NutriRational™ Foliar Nutrients; Sand-Aid® Granular Sea-Plant Meal; Invigorate® Soil Conditioner and other problem-solving products from Milliken Turf Products and our association with Emerald Isle Ltd.
Nutramax Laboratories® Inc.

Product focus:
Nutramax Laboratories® Inc. pioneered the use of amino acids in turfgrass management. The action of amino acids, the building blocks of all protein, enhances physiological mechanisms that control photosynthetic activity, and water and nutrient efficiency. The L-amino acids obtained by enzymatic hydrolysis of selected natural protein in MACRO-SORB® and QUELANT® provide the same L-amino acids plants require to resist stress and synthesize their proteins, enzymes, chlorophyll and other organic compounds.

Facility:
Nutramax Laboratories moved to its state-of-the-art, 72,000-square-foot manufacturing/distribution/research/corporate office facility in Edgewood, Md., in 1999. The company is known for its high-quality nutraceuticals for people, animals and turfgrass. The manufacturing facility is capable of producing finished product following pharmaceutical good manufacturing practices.

Technical support, sales, training and customer service:
MACRO-SORB® and QUELANT® products are available from distributors nationwide. Call 800-925-5187 to find a distributor near you. Nutramax Laboratories can answer your technical questions about MACRO-SORB® and QUELANT® amino-acid products at 800-925-5187.

Major product lines:
Nutramax Laboratories provides a unique and ecologically sound solution in its line of amino acid biofertilizers. Its four products: MACRO-SORB® foliar, MACRO-SORB® radicular, QUELANT®-Ca (amino acids with chelated calcium) and QUELANT®-K (amino acid potassium supplement) deliver 18 vital amino acids. By replacing biologically active amino acids, the net effect is healthier and more efficient turfgrass that's better able to withstand stress.

Products are manufactured like pharmaceuticals in a pharmaceutical environment and are backed by laboratory research.
A New Year Is Coming

Season's Green-ings!
At a time when most of what you see out the window is brown or white, who's thinking green? It's hard to believe that spring will be here before we know it. Springtime means long days of getting your course ready to reopen. After that, of course, the days get even longer and more stressful. Now is the time that superintendents lean strongly on their distributor reps.

As you plan for your new season, think green. Green tees, green fairways, green—well, greens. That will immediately lead you to think of ProSource One, one of the top distributors of turf and ornamental products for use on golf courses. Our line of products includes brands from the leading manufacturers as well as our own line of high-value products such as Strike Three® ULTRA. We can also meet all your seed needs.

Access to all of these brands enables ProSource One representatives to recommend the best solution to any situation that arises on your course. Our reps are knowledgeable, experienced and service-oriented. Just ask your friends and colleagues who use ProSource One for all their turf and ornamental needs.

To locate the ProSource One representative nearest you, log on to www.prosourceone.com or call toll free 877-350-3999. Your sales rep and business partner is just a mouse click or phone call away—waiting to welcome you to a greener world.
Seed Research of Oregon

Seed Research of Oregon
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800-253-5766
541-757-2663
Fax: 541-758-5305

Web address: www.sroseed.com
E-mail address: info@sroseed.com
Date founded: 1983

Staff
Mike Robinson, President
Bill Dunn, Vice President
Dr. Leah Brilman, Research Director
Tom Pape, National Accounts Manager
Skip Lynch, Bentgrass Product Manager
Helen Lucas, Export Sales/Warm Season Manager
Mary Harer, Export Sales Coordinator
Scott Harer, Regional Sales Manager
Mike Hills, Regional Sales Manager
Bryan Muntz, Regional Sales Manager
Jerome Maguson, Forage Sales Manager
Matt Webb, Marketing Specialist

Product focus:
Mike Robinson founded Seed Research of Oregon in 1983 with the vision to specialize in the development of improved, unique turfgrass varieties for the professional turf manager, especially superintendents.

This focus on unique germplasm collections has led to the introduction of industry benchmarks like Providence and SR 1119 creeping bentgrass, SR 7200 velvet bentgrass, SR 4200 perennial ryegrass and Grande tall fescue. Seed Research of Oregon is the seed industry leader in quality production, cleaning and blending, ensuring its customers of the highest mechanical and genetic purity.

Research:
Following an alliance with Advanta Seeds Pacific in 1999, Seed Research of Oregon’s grass breeding program has become one of the world’s largest, most complete grass breeding and research program. This research and development includes intense work with all of the major cool-season turfgrass species, forage grasses and warm-season grasses. It is also aggressively pursuing the development of grass species, not traditionally considered for turf use, for site-specific and niche applications.

Seed Research was one of the first companies to recognize the critical importance of including endophytes in its turf varieties. It is working hard to ensure that not only do its varieties have endophytes, but that they have superior endophytes.

Seed Research is also committed to exploring the increased options available through utilization of biotechnology. It is applying the science of grass genomics to understand and utilize new sources of resistance and stress tolerance, and is exploring genetic engineering as sources of unique genes that might benefit turf users.

Seed Research of Oregon is committed to reducing the inputs necessary to obtain quality turf for the benefit of the environment and is a proud charter member of the TPI Water Rights Campaign.

Distribution:
Leading seed distributors throughout the world have become an integral part of SRO’s success. With distributors in every region, service and expertise are a local phone call away.

Major product lines:
Offering both the Seed Research and Royal Brand lines, SRO has one of the most complete lines of high-quality, cool- and warm-season grasses available. Its complete lines of bentgrasses (creeping, colonial and velvet), Kentucky bluegrasses, perennial ryegrasses, fine fescues, tall fescues (including the world’s first rhizomatous variety — Grande), zoysiagrasses, bermudagrasses, buffalograss, bahiagrass and centipedegrass is second to none. With a well-equipped warehouse, SRO contributes a high percentage of certified mixes and blends to the market and has a facility in Arizona that oversees its warm-season program.

Technical support, training:
Seed Research of Oregon is passionately dedicated to personalized customer service. Its philosophy has always been to provide the best technical support to assure total satisfaction. This commitment to quality service includes its free specification writing service (the Seed Specification Survey), on-site consulting, the dedicated professionals of its SRO Advisory Committee and its informative research-based Web site at www.sroseed.com.

Whether planting a new lawn, renovating a high school sports field or building a multimillion-dollar golf course development, Seed Research of Oregon has the quality seeds needed and the expert service to back it up.
Syngenta Professional Products

**Product focus:**
At Syngenta, our vision includes providing customers with the best turf and ornamental products and services in the industry and building optimal packages of chemistries and technology to help our customers.

In all, Syngenta Professional Products provides more than 40 products for turf and ornamental, vegetation management, pest management and seed treatment markets. That means we're in a good position to provide the best solutions for our customers' operations, tailored to the industry's concern for the environment, and to deliver effective and efficient management tools.

**Manufacturing facilities:**
Syngenta Crop Protection Inc. operates four regional technology centers and two research stations in the United States. These facilities use laboratory greenhouse and field studies in insect, disease and weed control to test for biological efficacy and to develop the regulatory studies needed for product registration.

Syngenta Crop Protection operates four manufacturing facilities in the United States and two formulation facilities. These facilities manufacture herbicides, fungicides and insecticides using methods that protect worker safety while producing the highest-quality products possible for our customers.

**Technical support, sales, training and customer service:**
Syngenta's national sales force dedicated to turf and ornamental is the point of contact between the company and its customers. They are complemented by a focused customer-service organization and by a field research team (also dedicated exclusively to turf and ornamentals) that are available to answer technical questions from customers.

Syngenta conducts research collaborations with more than 400 universities, research institutions and private companies worldwide. It has a research and laboratory work force of 5,000 employees worldwide.

**Major product lines:**
Syngenta is committed to providing products and resources to help turf and ornamental professionals do their jobs better. We've coupled our extensive industry-leading product lines — such as Heritage®, Daconil®, Banner MAXX® and Subdue MAXX® fungicides; Barricade® and Touchdown® PRO herbicides; Primo MAXX® turf growth regulator; and Avid® insecticide — with our experience and technical expertise to provide Syngenta customers with valuable resources like GreenCast™ and GreenPartners™.
Product focus:
Textron Golf, Turf & Specialty Products manufactures a full range of vehicles and turf maintenance equipment for professional lawn care, golf, turf, sports field and industrial applications. The company offers multiple brands — specifically Bob-Cat® and Bunton® mowers and Ryan® lawn renovation equipment — to meet the diverse needs of landscape contractors and lawn-care professionals.

Manufacturing facilities:
Textron Golf, Turf & Specialty Products manufactures Bob-Cat and Bunton brand mowers at its 198,000-square-foot manufacturing plant in Johnson Creek, Wis. Ryan aerators and renovation equipment are built in Lincoln, Neb., at a 691,000-square-foot manufacturing facility. Other Textron brands — Brouwer®, Cushman®, E-Z-GO®, Jacobsen®, Ransomes® and Steiner™ — are manufactured in Charlotte, N.C.; Dalton, Ohio; Ipswich, England; and Augusta, Ga.

Technical support, sales, training and customer service:
Textron Golf, Turf & Specialty Products markets its Bob-Cat, Bunton and Ryan brands through an extensive distribution network. The company provides total sales and service support to distributors, dealers and customers throughout North America.

Major product lines:
Bob-Cat and Bunton offer lawn-care professionals a wide choice of midsize walk-behind and zero-turn, ride-on mowers, including new fuel-injected and diesel models. Bob-Cat — tough, affordable. Bunton — it's a pride thing. Ryan, at the core of healthy turf, features walk-behind, tow-behind and tractor-mounted Lawnaire® aerators and other leading lawn renovation equipment.
The Toro Co.

The Toro Co.
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Fax: 952-887-8693
Your Local Distributor:
800-803-8676
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www.toro.com
E-mail address:
turfequipment@toro.com
Date founded: July 10, 1914
Executives
Tim Ford, Vice President and
General Manager, Commercial
Products
Bill Hughes, Vice President and
General Manager, Irrigation
Products

Products and financing:
Leadership and innovation are at the heart of Toro's products. There's always another slate of new products, and now the latest irrigation control sits in the palm of your hand. But the most important thing we do all year is learn about your challenges, at your course, day after day. That's the hallmark of our ability to produce the products you prefer. Once you've chosen the best from Toro, we can work with you to structure the right financing solution for you and your course.

Manufacturing facilities:
Toro irrigation products are manufactured in Riverside, Calif., while the computerized irrigation central control systems are configured at Toro NSN in Abilene, Texas. All Toro vehicles and golf course mowing equipment are produced in Tomah, Wis. Multi Pro® sprayers are designed and manufactured in Evansville, Ind.

Technical support, customer service:
Toro's Customer Service programs include technical support for equipment and irrigation maintenance through its distributor network and total irrigation support by the Toro National Support Network (NSN). Toro NSN offers 24-hour-a-day computer support to subscribing superintendents. In addition, Toro offers technical training classes for golf course equipment managers and technicians at its training facility in Bloomington, Minn.

Major product lines:
Toro offers a complete line of turf maintenance equipment including Reelmaster® Greensmaster® and Groundsmaster® mowers, SitePro™ and E-OSMAC central irrigation control, MultiPro® sprayers, 800S Series sprinklers, Workman® utility vehicles, ProCore™ aerators, Sand Pro® bunker rakes and a full line of debris equipment.

Reelmaster 5500-D