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HOT PRODUCTS

BASF

26 Davis Drive, P.O. Box 13528

Research Triangle Park, N.C.

Phone: 800-669-1770 • Fax: 724-396-7768

www.turffacts.com

**BASF
PROFESSIONAL
TURF™**



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The BASF Professional Turf Group offers a number of both patent and post-patent products that provide effective control and excellent value. BASF products range from pre- and post-emergents to insecticides, fungicides and soil fumigants. Some highlights include:

Emerald® Fungicide has consistently demonstrated unmatched performance against dollar spot in university-based and golf course trials throughout the United States.

It belongs to an entirely new class of chemistry for dollar spot, and provides long-term dollar spot control when applied at 14- to 28-day intervals, while offering enhanced turf quality and safety.

Curalan® EG Fungicide is effective against turf diseases found in warm- and cool-season turfgrasses. While this

contact fungicide is best known for its efficacy in controlling dollar spot, Curalan also inhibits diseases such as leaf spots, melting-out, red thread, pink patch, brown patch, gray snow mold, pink snow mold and fusarium patch.

Drive® 75 DF Herbicide is a broad-spectrum postemergent herbicide for broadleaf and grassy weeds that offers overseeding flexibility.

Drive uses a dual mode of action to control targeted weeds on cool- and warm-season turfgrasses, and will produce effective residual control for up to 45 days with a single application.

Amdro® Pro Fire Ant Bait

is the fastest, most effective professional product for the control of imported and native fire ants, and a variety of other ants. Mound treatments or broadcast applications of Amdro Pro eliminate the queen and her colony in three to seven days. Amdro Pro can be used on home lawns, golf and athletic turf, sod farms and commercial properties.



The BASF Pendulum line now includes **Pendulum AquaCap™**, an encapsulated, water-based formulation of the industry's leading pre-emergent herbicide that eliminates odor, reduces staining and increases ease of handling. Pendulum® pre-emergent herbicide has long been a proven performer for preventing more than 40 troublesome grassy and broadleaf weeds. It combines unbeatable performance with unmatched value.



Basamid® Granular Soil Fumigant is the only granular soil fumigant available. Basamid penetrates deep into the soil to quickly eliminate virtually all weeds, nematodes, grasses and soil diseases so that you can reseed in as little as 10 to 12 days.



BASF is the world's leading chemical company, offering a range of high-performance products, including chemicals, plastics, performance products, agricultural products, fine chemicals as well as crude oil and natural gas. Its distinctive approach to integration is its strength. It enables BASF to achieve cost leadership and gives the company a competitive advantage. BASF conducts business in accordance with the principles of sustainable development. In 2002, BASF had sales of \$34 billion and more than 89,000 employees worldwide. BASF Corp. is the North American affiliate of BASF AG, Ludwigshafen, Germany. In North America, 2002 sales were approximately \$8.2 billion and the company employs approximately 12,000. For more information, visit www.basf.com/usa.

Always read and follow label directions.

Curalan, Pendulum and Emerald are registered trademarks and AquaCap is a trademark of BASF Corporation.

Basamid and Drive are registered trademarks of BASF AG.

Amdro is a registered trademark of Excel Marketing, Inc. and marketed by BASF.

HOT PRODUCTS

Bayer Environmental Science

95 Chestnut Ridge Rd.
Montvale, N.J. 07645
Phone: 800-842-8020
Fax: 201-307-6870
www.bayerprocentral.com
bcs.gpcinfo@bayercropscience.com

Bayer Environmental Science



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Bayer Environmental Science manufactures a full line of turf and ornamental products for use on golf courses, home lawns, sports fields, commercial landscapes, nurseries and greenhouses. Bayer Environmental Science continues a tradition of innovative research and top-of-the-line professional products, backed by highly trained sales and field development representatives.

Our focus at Bayer Environmental Science is the development and creation of innovative technologies and solutions for the challenges our customers face everyday. Field development, sales and technical representatives located throughout the country offer regionalized support for all Bayer Environmental Science products. We also support the green industry products with a dedicated turf and ornamental research facility in Clayton, N.C., where industry experts develop and investigate new chemistries and formulations.

Herbicides. Fungicides. Insecticides.

Bayer Environmental Science offers a variety of products in each category. Visit www.bayerprocentral.com for our entire line. You'll learn more about our innovative products, including:

COMPASS™

Revolutionary Action that Delivers

Compass™ fungicide is a broad-spectrum strobilurin fungicide that offers a revolutionary mesostemic mode of action delivering the highest efficacy at very low rates against turfgrass diseases, especially brown patch, anthracnose, leaf spot, and gray leaf spot. Compass is now labeled for dollar spot suppression.



Take Aim at Cool-season Grasses

Containing the new sulfonylurea active ingredient, foramsulfuron, Revolver™ is a post-emergent herbicide that selectively removes cool-season grasses from warm-season grasses. It may be used to remove cool-season grasses from bermudagrass greens, teeboxes, collars and approaches surrounding bermudagrass greens. Results are quick — generally apparent within one to two weeks. Revolver is packaged in a convenient 1-quart container, four containers per case.

chipco® choice™

The Right Choice for Fire Ants and Mole Crickets

Launched in 1996 as a slit-applied product for mole crickets, Chipco® Choice™ Insecticide now has a new broadcast label for fire ants. Slit-applied Choice provides six months of unprecedented mole cricket control following just one application. Broadcast-applied Choice provides up to 52 weeks of excellent fire ant control. Both methods deliver the benefits of the active ingredient fipronil at ultra-low doses.

MERIT®

Unmatched Insect Control

Merit® insecticide is a broad spectrum, systemic insecticide that is effective at extremely low use rates. Merit delivers outstanding control of a variety of turf and ornamental insects. It has an active ingredient that provides strong residual activity and superior biological performance. Even soil application to shrubs and trees provides long-lasting control of labeled insect pests.

chipco® Signature™

The Foundation of Every Summer Decline Program

Chipco® Signature™ is a patented systemic fungicide that's recognized as the foundation product of every Summer Decline program. Applying multiple Chipco Signature tankmixes prior to the onset of turf stress effectively protects turf from stresses associated with Summer Decline, such as high heat and humidity, increased traffic and low mowing heights, and diseases. As a result, turf quality, which is measured in terms of color, vigor, uniformity, playability and disease control, is also improved.

HOT PRODUCTS

Crompton/Uniroyal Chemical

Specialty Products
199 Benson Road; Middlebury, Conn. 06749
Phone: 203-573-2400
Fax: 203-573-3394
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Crompton
Uniroyal Chemical

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Crompton Corp. is a global producer and marketer of specialty chemicals. The company has about 5,700 employees in research, manufacturing, sales and administrative facilities in every major market around the world. Available in 120 countries, Crompton products and services solve customer problems and add value to customers' products.

Crompton Crop Protection Division improves the value of high-value crops, ornamental plants and golf course turf. It markets Uniroyal Chemical brand specialty products for golf turf, including Terrazole and Turfcide fungicides.

Terrazole® 35WP

Terrazole 35WP works as both a preventative and curative to control *Pythium* diseases. *Pythium* blight, grease spot, spot blight, root rot, cottony blight and seedling damping-off are common names of diseases caused by *Pythium spp.*, one of the most destructive turf diseases known. Severe outbreaks can be devastating within days.

Terrazole 35WP is a wettable powder that mixes easily with water and can be applied with standard spray equipment at any time, even on bright, sunny days. Depending on the weather, its fungicidal action lasts from five to seven days on turf. Even after years of on-course experience, no resistance has ever been reported with Terrazole.



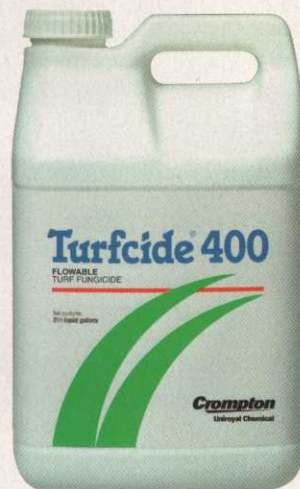
Pythium damage can devastate a green in days.

Turfcide® 400, Turfcide® 10G

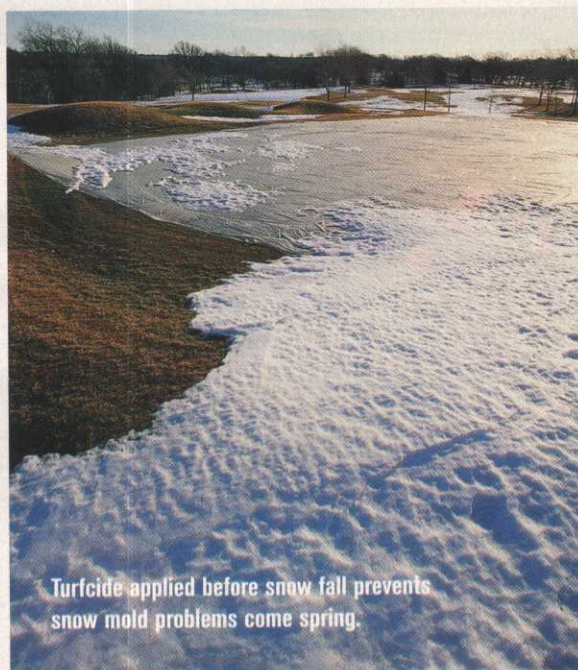
Turfcide is the industry standard for snow mold control. Snow molds occur from late fall to early spring during cold, wet periods. Infections are most severe when snow covers the turf for long periods of time.

Turfcide is the right solution for that one, all-important application just before the snow flies. It controls both Pink Snow Mold, also called Fusarium Patch, caused by *Microdochium nivale*, and Gray Snow Mold, also called Typhula Blight, caused by *Typhula spp.*

Available as a 4 lb./gal. flowable or a 10 percent granular formulation, Turfcide offers time-tested snow mold control with unbeatable cost control, for healthier tees, greens, and fairways come spring.



Always read and follow label directions.



Turfcide applied before snow fall prevents snow mold problems come spring.

HOT PRODUCTS

Landlogic

2313 Claremont Suite #E
Boise, Idaho 83702
Phone: 208-794-1328
sales@landlogic.com
www.landlogic.com

AerWay

20 Phoebe St.; Norwich, ON
Canada, N0J 1P0
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landlogic
mapping made simple

To compete effectively, today's superintendents need dependable information about their golf courses and irrigation systems. Landlogic's revolutionary approach to mapping allows you to create highly accurate GPS maps at a fraction of the cost, and our facility management system gives you the power to use the information in amazing ways.

Come discover how a true picture of your golf course can improve your budgeting, agronomy and irrigation programs. Our GPS maps are compatible with all central irrigation controllers and are accepted by local, state and federal agencies for drought contingency planning.



◀ Nothing affects your irrigation efficiency like poor head spacing. Our system automatically triangulates heads so you can easily identify and resolve spacing problems. We help you figure out the optimal location for a head before you start digging.



◀ Increase your chance for successful product applications by calculating the square footage of any feature on your golf course. Our interactive map allows you to draw custom areas so you can keep track of diseases, insects, weeds, *Poa*, or just about anything else that invades your golf course.



AerWay®

Advanced Aeration Systems

Our Tines Make the Difference

- Manage your seasonal and weather-related conditions with one Advanced Aeration System.
- In the early spring, establish your percolation rates in the fairways and roughs with the AerWay Shattertine.
- When the course is in regular use, maintain infiltration rates, without interrupting play. Use the Sportstine on fairways and tees, and use the Finetina on greens.
- When topdressing and overseeding, use the coring tine for fast, efficient soil preparation.



AerWay's Advanced Aeration Systems – one frame – with the tines that you need all season long.

HOT PRODUCTS

LebanonTurf

1600 E. Cumberland St., Lebanon, Pa. 17042
Paul Grosh, Business Manager
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LebanonTurf

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LebanonTurf is the professional division of Lebanon Seaboard Corp., a privately held company that has been in business for more than 50 years. LebanonTurf is highly focused on useful innovation and has introduced many new products to the industry in recent years. These products include a variety of fertilizers, outstanding seed varieties, and turf establishment mulch.

Recently, Lebanon Seaboard Corp. was awarded U.S. patents for its Composite Technology Granulation Process, Expo nitrogen technology, and MESA nitrogen technology. Research is ongoing to discover and commercialize new seed varieties that will offer improved performance. LebanonTurf offers different fertilizer lines which feature IBDU® slow-release nitrogen, Meth-Ex 40® methylene urea complex, MESA slow release Meth-EX sulfate of ammonium complex, or Expo extended release potassium sulfate.

LebanonTurf's PERK is a granular form of controlled-release iron for green without the growth. LebanonTurf has developed an excellent line of grass seed varieties with high NTEP performance ratings. These include perennial ryegrasses, tall fescues, Chewings and hard fescues, Kentucky bluegrasses, and just recently released, Independence Creeping Bentgrass. Patented PennMulch Seed Accelerator is a perfect companion for any seed variety, as it improves germination, retains moisture, and eliminates weed seeds introduced with other mulches. LebanonTurf is proud to be known for quality and practical innovation.

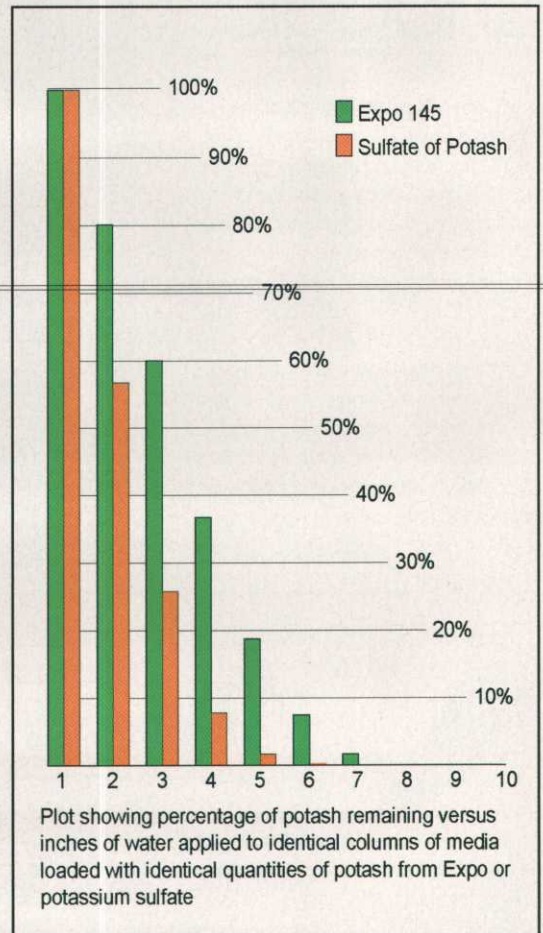
Products

So what exactly is Expo? In the simplest of terms, Expo is a cost-effective, controlled-release source of potassium sulfate, which extends the agronomic benefits of potash. It's the latest entry in LebanonTurf's stable of practical innovations.

Leaching studies have demonstrated that the potash in Expo requires significantly more water to be completely leached than does the K in 'regular' sulfate of potash.

Columns containing 85 percent sand and 15 percent peat had equal amounts of potash from sulfate of potash and from Expo placed on the top of the soil layer. The equivalent of one inch of water was applied and the leachate through the bottom of the tube was analyzed for potassium. When the leaching stopped, another inch of water was applied and the process was repeated until all the potash was leached from both columns.

expo
EXTENDED
POTASSIUM



This chart shows how Expo SGN 145 is much slower to release than regular sulfate of potash under identical conditions. This means that Expo is clearly much more efficient in delivering its potash than regular sulfate of potash, which is the potash source of choice in most fertilizers which are considered high quality and intended for use on highly-maintained turf. This potash efficiency will definitely be a benefit to the plant.

Expo is available as 20-0-25 in either SGN 145 or SGN 195 sizing. It is also available in selected grades within LebanonTurf's NX-PRO and Par Ex product lines. For additional detail, please visit our Web site at www.LebanonTurf.com.

HOT PRODUCTS

LESCO Inc.
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LESCO®

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LESCO is the nation's leading manufacturer and distributor of a broad line of lawn care, golf course and pest control products for the \$7.9 billion professional lawn and golf industry. LESCO is a vertically integrated company and has pioneered a uniquely effective sales and distribution method allowing them to market directly to more than 100,000 customers. Customers include lawn care operators, turf maintenance companies, golf courses, athletic facilities, theme parks, resort and recreation complexes, schools, universities, military installations, nurseries, industrial complexes and cemeteries. LESCO has more than 240 LESCO Service Centers® and a fleet of 72 Stores-on-Wheels®, which call directly on golf courses. To further support their customers, LESCO has a national account team along with sales representatives.

Par Aide Products

LESCO and Par Aide Products Co., a supplier of golf course accessories, announce that LESCO has entered into an agreement to distribute Par Aide branded golf accessories through LESCO's Stores-on-Wheels and Service Centers. Each Store-on-Wheels and Service Center will modify its golf accessory displays to promote Par Aide branded products. LESCO expects to complete its transition by the end of the year.

Ground Tamer

Ground Tamer utility vehicles combine all-terrain ruggedness with unprecedented comfort. Ground Tamer GT642 features a unique six-wheel independent suspension, 4WD versatility, and two advanced ergonomic seats. It's powered by a Honda 20 HP engine combined with a 5-speed, continuous variable torque (CVT) transmission with convenient one-pedal control. The Select-A-Trac feature lets the operator drive in 2WD or lock the hubs for rugged 4WD traction. The Ground Tamer GT642 can haul 1,400 pounds including driver and passenger, and has a towing capacity of 1,200 pounds.



18 Plus Fungicide

18 Plus Fungicide contains the time-proven active ingredient iprodione. Offering two-way protection, it prevents disease from occurring by inhibiting spore germination and prevents further

disease development if organisms have already germinated. Attributes include: economical prevention and control of brown patch and dollar spot as well as large patch, Fusarium blight, Fusarium patch, Corticum red thread, leaf spots, necrotic ring spot, pink and gray snow mold; long residual extends time between applications; convenient liquid formulation that is easy to measure and mix; the product is ideal for use on golf courses, commercial sites, athletic fields, cemeteries and parks; is suitable for use on both cool and warm-season turfgrasses as well as ornamentals; can be tank mixed with other fungicides to extend and broaden disease control; and is packaged in a 2.5-gallon container (2.5-gal. x 2 case). It is not labeled for use on residential properties.

Prosecutor Pro

Prosecutor Pro contains 41 percent glyphosate for non-selective control of weeds and other unwanted vegetation. This fast-acting systemic offers many benefits: patented surfactant system from Monsanto makes product rain-fast within one hour of application; very broad spectrum effectiveness controls brush, vines and woody weed species; can be tank mixed with pre-emergent herbicides to prevent annual weed germination; can be tank mixed with Tracker® Max Spray Dye Indicator to ensure accurate application; no soil residual or root uptake; treated areas can be reseeded after seven days; mixes easily with water and requires minimal tank agitation.

Spectator Turf & Ornamental Fungicide

Spectator Turf & Ornamental Fungicide delivers the proven effectiveness of propiconazole at a value-oriented price. This new systemic fungicide provides: preventive and curative control of 19 turfgrass diseases; effectiveness against more than 30 landscape ornamental fungi; high concentration formulation reduces storage, rinsing and disposal; tank mix compatibility with other fungicides and also insecticides; can be applied to all turfgrass species on all sites; 2 x 2-gallon case can treat more than 32 acres.

Turfgrass seed

Selected varieties of turfgrass seed include: Princeville, a top performing bentgrass with quick establishment, upright growth with demonstrated consistent high quality turf for fairways, tees, and greens; Grand Prix, with excellent heat tolerance, disease resistance and seedling vigor for greens; and Penn G-2 Creeping Bentgrass, featured at Pinehurst and the No. 2 Course, site of the 1999 US Open Golf Championship. Excellent disease resistance, heat tolerance, deep root system and unsurpassed wear tolerance.



HOT PRODUCTS

Milliken Turf Products

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Three Reasons to Use Specific Emerald Isle Solutions

CPR-TRUE FOLIAR NUTRITION PROGRAM

- Complete nutrition, not just fertility.
- Gives you controlled growth with great color and quality.
- Increases stress tolerance, disease resistance and root mass.

Nutri-Rational
FOLIAR NUTRIENTS

Discussion

The CPR-True Foliar Nutrition Program is a complete nutrition program for increasing plant physiological fitness and root mass. By supplying small efficient amounts of nutrition regularly, the superintendent can have the controlled growth he needs for maintaining fast putting speeds without sacrificing turf quality. Furthermore, the increased plant health provides increased stress tolerance and disease resistance.

CPR

- 3-in-1: cytokinins (increase cell division and root mass) plus 17 amino acids plus vitamins.
- Increases stress and drought tolerance and disease resistance.
- Increases the turf quality and color.



Discussion

- Stress management (making the plant tolerant to stress) is critical to surviving and thriving during the unpredictability of summer. Seaplant-extract treated turf is more efficient at getting moisture and nutrients from soil, and seaplant extract increases the turf's photosynthetic efficiency and its physiological fitness.
- Turf quality, coverage and color are three significant factors that the golfer values in a golf course green. CPR is designed to address all three.
- Trying to grow a turfgrass plant with NPK alone in summer stress is cheating the plant when cytokinin-rich seaplant extracts are available to increase cell division and root mass.

GROWIN

- Provides faster turf establishment.
- Increases root growth and density.
- Increases turf health and stress tolerance.



Discussion

- The benefits of faster turfgrass establishment are many, including time to playability, time to summer stress tolerance, more ready for winter stress.
- Increasing fertility to get top growth can penalize root growth, causing subsequent loss of turf and no stress tolerance. GroWin gets simultaneous root growth and density while supporting top growth

- Using GroWin to reduce the amount of NPK applied reduces the excess nutrients in the plant and soil which can be detrimental.

SEABLEND 12-4-5 AND 12-1-12

- Fantastic color response and consistent release from slow-release synthetic and organic.
- Micro-greens grade particle size provides easy spreadability and dispersion with irrigation, so roller pickup is eliminated.
- Feeds the soil with calcium, plant sugars and high-quality organic ingredients.



Discussion

- SeaBlend is a high quality organic granular fertilizer, derived from the safest and best sources—including marine shells, seaplant extract, sunflower hull ash, Epsom salts, and kelp, fish, crab, lobster, and alfalfa meals. It contains no unsafe manures or bone meals. The sources of SeaBlend provide the turf with readily available major and minor nutrients and nourish the soil with a beneficial ratio of Calcium and Magnesium.
- The marine organics are high in chitin and calcium. Chitin in the soil has been shown to provide an environment that is inhospitable to nematodes.
- SeaBlend is unique among organic fertilizers in its ability to be dispersed by water, and the mower rollers will not pick it up. With an SGN of 100-105, SeaBlend is perfect for newer, denser turf varieties.

BLAZON

- Gives you precision in applying sensitive and expensive chemicals.
- Visible, yet temporary.
- Nonstaining; washes off skin, clothing, and equipment easily.



Discussion

Blazon is "the professional's SPI." It provides precision in important spray applications to closely mowed turf, especially with sensitive and/or expensive chemical applications, when misses or overlaps can be detrimental. Although highly visible, Blazon is the only SPI that washes off easily and won't stain skin and clothing. Blazon is available in blue or green.



HOT PRODUCTS

Parkway Research

13802 Chrisman Road

Houston, Texas 77039

Phone: 281-442-9821

www.parkwayresearch.com



Parkway Research

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Parkway Research is a basic formulator and producer of Turf Specialty Chemicals and Fertilizers. Parkway's best-known products are the Manni-Plex Foliar Micronutrients, Big Foot Spray Colorants, Consan Turf Fungicide and Algacide, Neo Tec Nematicides, and it's Nocate Greens Grade Fertilizers. All of Parkway's products are guaranteed to deliver unparalleled results to the turfgrass professional. Parkway is now a division of Brandt Consolidated and is based in Houston, Texas, with distribution centers all over America, Europe, Asia and Australia. For more information about Parkway, Brandt or it's products, write to Parkway at info@parkwayresearch.com or call 281-442-9821 x105.

WEAPONS OF MASS DESTRUCTION
(if you're a nematode)

Neo-Tec S.O.
Naturally derived nematicide kills them dead!

Neo-Tec
EPA registered nematicide keeps them away!

Use individually or tank mix for enhanced results.

CALL 800.442.9821 TO CHOOSE YOUR WEAPON
or visit our website at: www.parkwayresearch.com

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Neo-Tec S.O.

A naturally derived control for parasitic nematodes, Neo-Tec S.O. is derived from hybrid sesame plants. Versatile Neo-Tec products are effective on both Ectoparasitic and Endoparasitic nematodes, specifically Lance, Sting, Root Knot and Cyst nematodes. Features: proven efficacy; 100 percent naturally derived; effective for all species of parasitic nematodes; no REI, no special handling required; minimal risk pesticide.

Manni-Plex: The Micronutrient Superhighway

Not a micronutrient or even a standard complex or chelate, Manni-Plex is a delivery system designed to deliver micronutrients to the Growth Forming Locations of the plant. Unlike conventional micronutrient products, Manni-Plex is produced from a unique sugar alcohol blend that provides four significant advantages: (1) spreading and adhesion agents for enhanced foliar contact; (2) Manni-Plex is the smallest molecular size of any micronutrient carrier, insuring more initial uptake; (3) once taken into the plant, Manni-Plex is the only delivery system that directly feeds nutrients to the phloem and xylem; (4) great for use with post applied herbicides.

Indicate 5

Indicate 5 is an adjuvant designed to adjust pH in water so that maximum efficacy of foliar sprays can be realized. Indicate 5 will acidify all alkaline waters as well as neutralize the dissolved salts present in hard waters. Mixing Indicate 5 into your spray solution requires no lab tests, litmus paper, or guesswork. Indicate 5 turns the solution pink when the optimum pH has been achieved. Features: acidifies; indicates pH; buffers; wets, spreads, and penetrates; aids compatibility and reduces volatility.



Saf-T-Side

The proven leader in pesticidal strength and reliability, Saf-T-Side is a concentrate of pre-emulsified highly refined, high paraffinic, low aromatic oil, ideal for safe and effective pest and disease control in a broad range of applications. Saf-T-Side Spray Oil Emulsion is EPA registered, and meets and even exceeds most worldwide standards for spray oils. Features: uniform coverage to smother pests without causing burn or stress to plants; effective in high or low pressure applications; excellent compatibility with pesticides labeled for use with oil.

HOT PRODUCTS

IVI-GOLF

60-100 Corliss Ave.
Johnson City, N.Y. 13790
Phone: 888-970-5111
www.sandtrapper.com



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IVI-GOLF manufactures and distributes innovative products for golf course maintenance. They have relied on their erosion control experience to launch and develop their cornerstone product – SANDTRAPPER, an advanced polymer designed specifically for lining bunkers. Their close working relationships with industry professionals have guided them to their newest product – THE TRAPPER, a unique entry into the bunker rake market. Rounding out the group of innovative products is the V-STAPLE, a high-performance fastener for erosion control products. This trio of products is quickly putting IVI-GOLF at the forefront of proven, innovative maintenance products.

Product Line Up

The core IVI-GOLF product sales revolve around SANDTRAPPER in its two variations – SANDTRAPPER I and SANDTRAPPER II. The first is designed with a tight matrix for shallow bunker grades and bowls. The latter has been engineered with a more open matrix for severe and demanding applications. SANDTRAPPER II is aggressively marketed for most applications with a number of facilities implementing both products in a combined use.

The Trapper bunker rake is designed with special tine shapes and patterns. This patented rake solves the problem of gouging and scraping of the bunker base. Many mechanized rakes and manual raking processes cause damage to bunker liners. THE TRAPPER addresses this problem by offering a hand version (with heavy-duty polyethylene head) and a machine version (with a special composite). Both are competitively priced and offer solid performance against other products.

How often has the old sod staple given you grief? IVI-GOLF has developed the V-STAPLE to improve holding power by more than 200 percent yet reduce the "benders" through its staggered prong design. Available in a variety of widths and gauges, this staple will soon become the "new standard" for securing materials around the golf course.



SANDTRAPPER – The premier bunker renovation solution



THE TRAPPER – New, innovative bunker rake in hand and machine models



V-STAPLE – Not just a sod staple

HOT PRODUCTS

Tee-2-Green Corp.

P.O. Box 250

Hubbard, Ore. 97032

Phone: 800-547-0255 • Fax: 503-651-2351

bentinfo@tee-2-green.com

www.tee-2-green.com

TEE-2-GREEN®

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Tee-2-Green: Superior Source of Quality Seed

Tee-2-Green manufactures, markets and distributes Penn bentgrasses, the highest quality seed available for golf course tees, fairways and greens. All of Tee-2-Green's Penn Pals have been developed for disease resistance, aggressiveness, low mowing properties and overall appearance and color. The products and their select consortium of Penn bent growers are subject to rigid production and certification standards governed by breeder Dr. Joe Duich and Oregon seed certification officials. Seed goes through a rigorous process of cleaning and certification testing before being shipped for fall seeding. Scrupulous seed analysis awards the purest seed (98 percent or better) the Putting Green Quality tag.

Penn A-4: Requires less fertilizer, less water and minimal fungicides

In a four-year on-site putting green test conducted by NTEP, Penn A-4 was the most consistent performer in the data averaged from 16 locations. Penn A-4 was rated the highest overall for turf quality, the highest in spring, summer and fall density, and the best for crowding out *Poa annua*. It tolerates low mowing heights and temperature variations, and was bred for disease resistance.

Penncross: Able to perform under a wide range of conditions

Penncross is aggressive, vigorous and wear tolerant – perfect for greens, tees and fairways. It performs well under a wide range of conditions, making it adaptable worldwide. Golf course architects specify Penncross for areas of extreme cold and heat, and Penncross can survive humidity where bermudagrass is the standard. Today, the sun never sets on a Penncross green. It remains the most popular bentgrass in the world and golfers everywhere can enjoy the same consistent quality that Penncross provides.

PennLinks: An upright growing, virtually grainless putting surface

Developed by Dr. Joe Duich exclusively for putting greens, PennLinks provides a virtually grainless putting surface and performs predictably over a broad range of climates. PennLinks was released to the market by Penn State in 1986 only after years of testing and evaluation by more than 100 professionals, predominantly superintendents, in all geographic areas of the U.S. and Canada. Today, improved PennLinks II is available to superintendents in limited quantities.

Seaside II: Bred for salt and drought tolerance

Seaside II has a medium fine texture and a lovely bright green color. It has excellent tolerance for both salt and drought, mak-



ing it the perfect bentgrass for golf course greens and fairways located on or near the ocean, and in the desert where effluent water is often used for irrigation. Like the Penn A's and G's, Seaside II tolerates extremes in temperature and humidity, resists disease and stands up to wear, so it's easy and less expensive to maintain.

Contacts:

Bill Rose, President

Rick Elyea, Director of Golf

Charlotte Flowers, Manager

HOT PRODUCTS

Trion Lifts Inc.

3819 Saint Vrain St.
Evans, Colo. 80620
Phone: 800-426-3634 • Fax: 970-339-5369
mail@trionlifts.com
www.trionlifts.com



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Trion Lifts developed the first lift designed specifically for turf equipment in 1991 and is a recognized leader in the turf maintenance industry. Trion has always focused its attention on golf course maintenance, which has resulted in the development of an integrated system of products that increase efficiency and safety at golf maintenance facilities worldwide.



▲ RC1500

The newest addition to Trion's professional maintenance system is the RC1500 Reel Conditioner, a revolutionary product that uses all new technology to perform five essential functions of cutting unit maintenance.

It sharpens reels with a relief and sharpens bedknives (both top and face), plus it measures height of cut and roller parallelism. What's more, it does all these functions while the reels are still attached to the mower! Using a simple touch-screen computer, technicians direct the machine to perform one or more functions while the mower is raised on the lift, getting incredibly precise results in just a fraction of the time.



◀ Bay Buddy

Trion is pleased to add Bay Buddy by Enviro-Quip to its line of professional maintenance tools. Bay Buddy is a large capacity, multi-function fluids management system that includes an oil drain with pressurized cleaner sprayer and air-discharge waste oil as well as plenty of space to keep tools and fluids right at your fingertips.

HOT PRODUCTS

TrapMaster™

809 Broad St.
Wrens, Ga. 30833
866-273-9280
www.trapmasterproducts.com



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TrapMaster™ Products offers an innovative solution to constant bunker maintenance. Headquartered in Wrens, Ga., TrapMaster services golf courses all over the country with quality products proven to perform.

TrapMaster Erosion Control Fabric

TrapMaster erosion control fabric is a thick, nonwoven polyester blanket that absorbs and holds sand in place like a powerful magnet even on 60-degree bunker faces! In addition, TrapMaster erosion control fabric is backed with an innovative polyester spunbond fabric that adds durability, functions as a weed block, prevents sand from leaching out of the polyester blanket into drains, and prevents dirt and pebbles from migrating upward and contaminating the sand layer. TrapMaster is an easy-to-install time- and labor-saving approach to bunker maintenance. The patent-pending, two-layer TrapMaster design helps:

- hold sand on steep bunker faces — up to 60 degrees;
- prevent erosion and washout;
- keep water draining and sand from clogging the drains;
- prevents contamination from below; and
- greatly minimize bunker maintenance costs!

With TrapMaster, you'll save, save, SAVE!

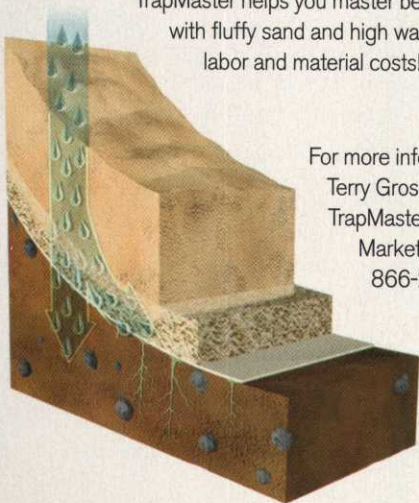
- Save time, money and labor after every rain by reducing the need for bunker restoration.
- Save thousands of dollars in maintenance costs for sand and sand hauling every few years because of debris contamination.

Any size, any shape! Installing TrapMaster is fast and easy, and can be done by your own course crew.

- Delivered to you in standard, easy-to-manage rolls.
- Easily installed with sod staples plus an easy-to-use powered staple coupling system.
- Once installed, just load the bunker back with sand, complete your desired edging, and you're ready to play!

TrapMaster helps you master beautiful bunkers with fluffy sand and high walls — all at lower labor and material costs!

For more information, contact:
Terry Grosch,
TrapMaster's Director of
Marketing, at
866-273-9280.



HOT PRODUCTS

Turflite Inc.

712 Jefferson St.
Moscow Mills, Mo. 63362
Phone: 800-443-8506 • Fax: 636-356-1218
www.true-surface.com

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What started out as a great idea to roll putting greens has expanded into a multiline greens maintenance company. Turflite Inc. developed and patented the idea of a vibrating greens roller in 1992 that fits all triplex greensmowers. In 1998, a patent was awarded for the Power Roller™, a walking vibratory roller with a Honda engine. The new and latest model of the triplex vibratory rollers, marketed as the universal design, was patented in 2000. The universal design keeps the product from becoming obsolete if you change your mower brands or models, saving your budget dollars.

Turflite Inc. also is the North America distributor for the Thatch-Away SUPA System. The world's only greens maintenance system with seven different interchangeable cassettes and only one chassis that is also universal in design and fits all triplex mowers. All of Turflite's products are available for demonstration on your golf course and are used by golf courses all over the world. In 2003, all products come with an extended limited warranty of two years.

True-Surface Greens Rolling System

This system is not just a roller, but a maintenance tool. Uses are:

- No. 1 — Topdressing dispersion.
- No. 2 — Grow-in of new greens.
- No. 3 — All greens can be consistent within 2 to 4 inches of ball roll distance. No other deadweight roller can provide this consistency to all your greens; vibratory rollers can.
- No. 4 — Other uses are seeding, sodding and aeration/topdressing. The vibratory action helps with the bridging of the topdressing in the aeration holes plus smooths the surface for a True Surface®. The universal design enables just one set of rollers to be quickly converted to fit all popular greensmowers. The vibratory rollers require no special training or equipment, making the vibratory greens roller an easy addition to your budget. Don't forget topdressing dispersion — another time and money saver when it comes to keeping bed-knives sharpened.

Thatch-Away SUPA System

The revolutionary Thatch-Away SUPA System will operate



Topdressing dispersion is one of the many uses of the universal roller.



The standard verticutting unit on the left was set at a 3/16-inch below surface level. The Thatch-Away unit on the right was set at just 1/8-inch below the surface level.



The set of universal rollers displayed on a mower can be easily converted to fit the mower or any other popular greensmower. Also shown is the Power Roller™, ideal for golf courses that prefer to walk mow.

seven different cassettes to handle those jobs you never had time for before, with the speed and ease that your triplex gives you. The cassettes include the verticutter, scarifier, groomer, deep slicer, greens spiker, star slitter and rotary brush. No tools are needed to switch cassettes. Simply undo the latches and swap cassettes in seconds.

The SUPA System cassettes can be added as your budget allows. The more cassettes you purchase, the lower your per unit cost becomes because the one chassis of the SUPA System is universal for all cassettes and all greensmowers. The Thatch-Away SUPA System can also cut excess labor costs from your budget. A job that used to be a several person job can now be done by one person with better results. The results and long-run cost savings make the Thatch-Away SUPA System the best thing you will spend money on next year. Make us prove it! Call for a demonstration.

HOT PRODUCTS

Varicore Technologies

P.O. Box 131
Prinsburg, Minn. 56281
Phone: 800-978-8007
Fax: 320-978-6607
www.varicore.com

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Varicore Technologies produces the Multi-Flow Drainage System. Varicore is dedicated to producing turf drainage systems that are fast acting, convenient, durable and affordable. Their products meet exacting standards for strength and quality and they employ tested and fundamentally sound drainage principles. Varicore also provides valuable consultation and design services with each drainage system.

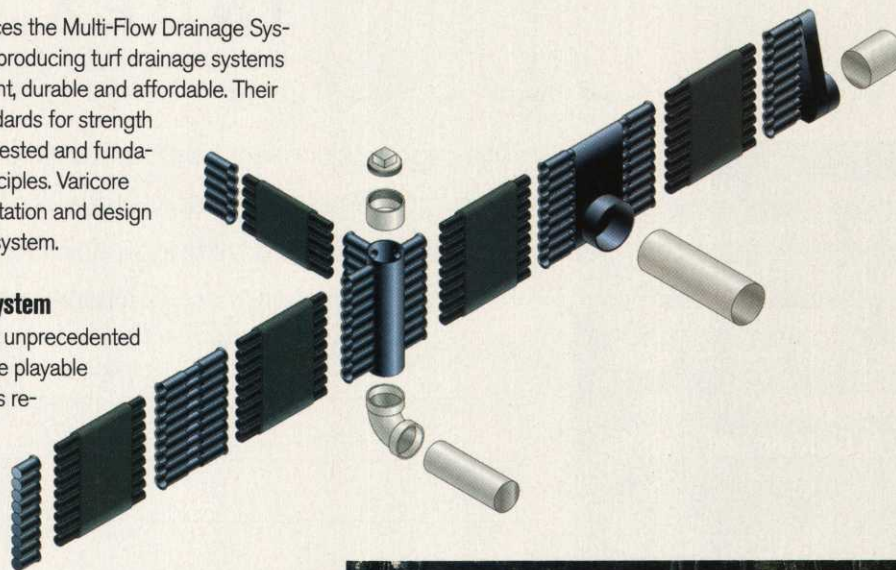
The Multi-Flow Drainage System

Today's superintendent faces unprecedented challenges to keep the course playable and attractive at all times. This requires technically sound drainage products and procedures. Multi-Flow is the solution. Multi-Flow's engineered properties allow it to collect and transport excess water quickly. This means less downtime and healthier turf.

Multi-Flow's design is not only technically sound but also convenient. Whether installed vertically in a narrow trench on a fairway or installed horizontally in a green, Multi-Flow's profile is attractive. Varicore also provides more than 50 different connectors allowing for any configuration the situation demands.

Furthermore, Multi-Flow systems are strong and durable. When installed surrounded by coarse, clean sand, they avoid the blinding problem that leads to short life in French drain installations. Multi-Flow survives both heavy loads and silty or clay soils.

Multi-Flow is also an ally of the superintendent's budget! When compared to a standard French drain, a Multi-Flow system requires about half the cost. Imagine that – half the cost for a system that is faster acting, more convenient, and longer lasting.



MULTI-FLOW
drainage systems by Varicore



