

HOT PRODUCTS

BlueYellow™

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 E-mail: bypro@kochcellulose.com



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BlueYellow™ is a revolutionary engineered turf system that provides a one-step solution to turf establishment. The system combines a cellulose-based mat with a calibrated blend of high quality grass seed and fertilizer in the form of a lightweight, 100% biodegradable roll. The innovative product is specifically engineered to produce a sod-quality turf with a lot less labor and at a fraction of the cost.

MAKE GREEN: Lush, uniform turf establishment

BlueYellow™ yields exceptional results and is simple to install with seed, fertilizer and mulch all in one application. Just prep the seedbed, roll the product out where you want grass, and water it thoroughly. BlueYellow™ is biodegradable, so there is nothing to remove after installation. The moisture retention of the cellulose mat and the precise distribution of seed and fertilizer deliver an exceptionally uniform germination and grow-in.

BlueYellow™ is available in a wide range of standard seed blends or can be manufactured to your specifications with any variety of commercially available seed and fertilizer—giving you a precise, prescription turf for new construction and renovation projects.



contamination and costly rework. Upon completion of germination, the cellulose mat degrades completely, leaving absolutely nothing to remove. BlueYellow™ can easily be contoured around trees, irrigation components, drainage inlets and other obstacles, and serves to suppress weeds before it biodegrades.

MAKE GREEN: Easy installation and reduced rework saves money

No special skills or equipment are needed to install BlueYellow™ significantly reducing the time it takes to get the turf establishment process started. Why spend as much as 30 man-hours installing an acre of sod and fertilizer, or up to 20 hours on traditional seed and fertilizer, when BlueYellow™ is easily installed in eight hours? (See chart) Plus, the uniform establishment reduces the time required to produce a playable surface.

BlueYellow™ offers quality turf the first time, every time, in less time.



MAKE GREEN: Help protect the environment

BlueYellow™ is a safer alternative for the environment than traditional methods because the system reduces over-fertilization and is completely biodegradable. The improved moisture retention can reduce the frequency of watering, and the cellulose mat, which adheres to the soil when watered in, prevents seed migration. The substrate maintains its integrity for several weeks, protecting the seed and fertilizer, and reduces the potential for

Compare BlueYellow™ installation to traditional turf establishment methods:



Chart figures represent an average of a variety of traditional application methods over various types of terrain.

BlueYellow™ is distributed in the United States and Canada exclusively through John Deere One Source. Call your local distributor for information. BlueYellow™ is owned by Koch Cellulose, LLC, a wholly owned subsidiary of Koch Industries, Inc., and is manufactured in Milwaukee, WI.

HOT PRODUCTS

Bobcat Company

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Bobcat®

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For more than 40 years, Bobcat Company has been a leader in manufacturing compact equipment. From the development of the first skid-steer loader to more recent introductions in the all-wheel steer loader, compact track loader, compact excavator, attachment, utility vehicle and loader backhoe markets, Bobcat continues to provide appropriate equipment solutions for its customers.

Bobcat has many products that are used in golf course maintenance and renovation, including compact track loaders, all-wheel steer loaders, the new Toolcat™ 5600 utility work machine, mini track loaders, and skid-steer loaders. Turf tires and low ground disturbance by many of the Bobcat products has increased their popularity among golf course superintendents.

A300 All-Wheel Steer Loader

The Bobcat® A300 all-wheel steer loader, with two steering modes, is in a class by itself and available only from Bobcat Company. Unlike conventional skid-steer loaders, which have a tendency to damage turf when turning, the A300 has four steerable axles that allow the operator to turn on the golf course with little or no damage to turf, cart paths and parking lots. This vertical path loader has a rated operating capacity of 3,000 pounds, making it ideal for handling pallets of sod, fertilizer and much more. The standard two-speed allows operators to travel quickly from one end of the course to another. For maneuverability in tight areas, flip a switch and you're in skid-steer mode.



Toolcat™ 5600 Utility Work Machine

The Toolcat 5600 utility work machine is an entirely new concept and the first of its kind in the compact equipment market. It's designed to have the best features of a loader, pickup truck and attachment carrier. All-wheel steering provides a turning radius smaller than most golf cars for unmatched maneuverability around tee boxes, sand traps and maintenance shops, and minimizes turf damage when turning on turf. Two-person seating increases efficiency by requiring only one piece of equipment to complete a task. No longer does one crew member have to drive a machine and the other drive a vehicle.



Compact Track Loaders

A Bobcat® compact track loader's strongest asset for today's superintendent is its low ground pressure. By distributing the operating weight throughout the tracks, these machines can enter or

cross the course, carrying heavy loads, causing minimal turf damage. The track undercarriage also provides maintenance crews with the traction they need to work in wet and muddy conditions where other loaders don't perform as well. With rated operating capacities of up to 3,000 pounds, they are capable of handling pallets of sod, seed and fertilizer.



Skid-Steer Loaders

Bobcat® skid-steer loaders are an all-purpose and work environment loader. Their ability to turn within their own length allows you to maneuver in the tightest areas, increasing your efficiency by decreasing the number of times you need to back up and reposition. With 10 models, whether it is lifting and carrying heavy pallets of sod or filling top dressers with sand, Bobcat has the size you need to complete your fleet.



Mini Track Loader

The Bobcat® MT52 produces just 5.2 psi of ground pressure, which enables it to enter or cross a golf course with minimal turf damage. Designed to reduce or eliminate tasks normally done by hand, the MT52 is the only mini-loader on the market with a detachable ride-on platform, which can reduce operator fatigue. This model is extremely compact and is ideal for trenching and transporting material around confined areas, such as tee boxes, greens or in and around sand boxes.

Attachments

The ability to carry many different attachments is what makes Bobcat® equipment so versatile. By manufacturing more attachments than any other company in the world, Bobcat gives a superintendent the ability to tailor fit Bobcat equipment to many tasks on the course. Units such as trenchers and vibratory plows for installing irrigation, angle brooms for cleaning cart paths, sprayers for applying fertilizer and pesticides, augers for planting trees, and buckets for moving material or cleaning up debris are just a few that can be added to increase the utilization of a golf courses grounds crew and equipment fleet.



HOT PRODUCTS

EarthWorks Natural Organic Products

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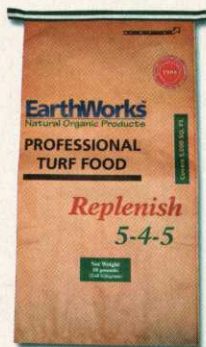
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EarthWorks Natural Organic Products has been formulating and manufacturing dry and liquid organic soil amendments since 1988. Our clientele are exclusively fine turf managers. Founders Joel Simmons and Jerry Brunetti have developed an in-depth product line that deals with the true dynamics of biological soils. All EarthWorks products are built using a carbon pyramid of short-, medium- and long-chain carbon sources. In 1991, Soil First Consulting was established as an independent division of the company. Today, using the lab services of Logan Labs, Soil First is running more than 12,000 soil tests for some of the country's most prestigious golf courses and athletic fields. Through the combination of a powerful soil-building product line and comprehensive independent soil consulting programs, EarthWorks produces sustainable results for turf managers worldwide.

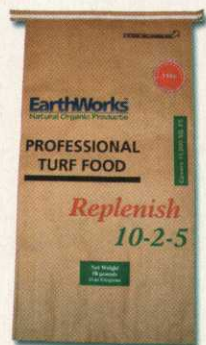
Replenish 5-4-5—Formulated Organic Fertilizer

EarthWorks' flagship product is a uniquely formulated organic fertilizer. The foundation of this product is composted chicken manure with 40 percent of the product made of rock minerals and carbon activators. Turf is a cover crop, one that is constantly de-mineralizing the soil; the 5-4-5 is the best way to "Replenish" this mineral content and provide the plant with a sustainable supply of needed macro and minor nutrients. Composts are the best way to feed microbial populations in the soil because they have gone through multiple digestion processes, through the bird and in the compost pile, allowing the raw materials to be immediately available to microbes in the soil and then used as building blocks for proteins within the plant. Replenish 5-4-5 provides as much as 60 percent more organic matter than a meal-based product, which is the basis for using organics.



Replenish 10-2-5—Formulated Organic Fertilizer with Ammonium Sulfate

Replenish 10-2-5 is formulated by the same processes as the 5-4-5, but some of the compost is replaced by soluble forms of nitrogen, such as ammonium sulfate. This is an excellent soluble transition product that continues to feed the soil. Ammonium sulfate and organic food stuffs are a great combination in the spring and fall to help warm cold soils and recover from summer stress.



Cal-Vantage

Cal-Vantage is the most complete and dynamic calcium liquid organic on the market. Developed with four forms of calcium for maximum potential calcium mobility, it also contains boron to allow calcium into the plant as well as nitrogen, sulfur and carbon, all which enhance calcium uptake. This product is ideal for mobilizing calcium into the plant to build turgidity and cell strength, reducing plant stress. It will also help to remove sodium and bicarbonates from the soil.



Kick Soil Conditioner

Kick is the ultimate soil conditioner, with ingredients designed to feed microbes and open tight soils. Kick is primarily a humic acid product but also contains short- and long-chained carbons, surfactants, vitamins, trace nutrients and bio-stimulants. Kick is ideal for tight soils, feeding microbial populations in both soil and sand, stimulating nitrogen release, buffering sodium, bicarbonates and anaerobic conditions.



Potent Sea Plus Bio-stimulant

Potent Sea Plus is the best overall food amendment any soil could need. This product is made of equal parts fish meal and kelp extract, powerful food sources for beneficial soil bacteria. Added to this formula to create a dynamic synergy are short- and long-chained carbons, following the signature EarthWorks carbon pyramid. Surfactants, vitamins, trace nutrients and bio-stimulants are also part of this complex product. Potent Sea Plus will help release nitrogen, as well as the basic building blocks that the plant needs to build proteins that help reduce stress and fight off disease.



Eco-Lite zeolite physical amendment

Eco-Lite is the original and premier zeolite mineral used in the turf industry. This mineral has the highest CEC, nutrient holding capacity, of all physical amendments and is ideal as an amendment in new sand greens and sports fields. Eco-Lite holds as much water as other physical amendments, allowing for better soil pore space, and has a strong affinity for potassium and ammonium nitrogen.



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IVI-GOLF

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Sandtrapper Continues Success, IVI-GOLF adds new product—Mighty Edge bunker borders



Sandtrapper continues to be installed nationwide with exceptional performance. Recently added, the GEO style complements their existing products (Sandtrapper I for moderate bunker designs, Sandtrapper II for extreme settings and washout control). The new GEO is a drastically different design. Being used for "contamination only" settings, its lighter construction creates a cost-effective solution. With all three product styles, facilities now have maximum flexibility in executing their bunker renovation project—all from one provider.

IVI-GOLF has also created a great, new bunker border material—MightyEdge. Constructed from recycled HDPE, it helps define perimeter shapes in new or renovation projects and can be used as a long-term, integral part of the bunker system. Packaged in rolls 200 feet long and 6 inches wide, the pre-scored anchor slots make installing MightyEdge easy with the supplied steel anchors.

IVI-GOLF carries a full line of golf course construction and renovation products ready for national distribution. For more information, contact John Brauer, National Sales Manager, or visit the IVI-GOLF Web site www.ivi-golf.com.



HOT PRODUCTS

Jacobsen Golf and Turf

3800 Arco Corporate Drive
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Jacobsen manufactures a full range of vehicles and turf maintenance equipment for golf, turf, professional lawn care, sports field, municipal and industrial applications. The company markets Bob-Cat, Brouwer, Bunton, Cushman, Jacobsen, Ryan and Steiner products internationally through an extensive distribution network. Jacobsen is a Textron company.

E-Walk

Jacobsen's new E-Walk[®], all-electric walking greens mower, is a revolutionary mower with no oil, no hydraulic fluids, no emissions and virtually no noise. The E-Walk is 22 inches wide, features a quick-release E-PacT sealed battery and uses two weather-sealed, 48-Volt DC electric motors. It has an electronically balanced, 11-blade reel that delivers a tournament quality, adjustable height of cut down to 3/64-inch.



HR-9016

The HR-9016 features a 16-foot wide cutting path and powerful 87-horsepower turbocharged diesel engine and can mow up to 16 acres per hour. With an 18-inch uncut circle turning radius, it gets around obstacles with ease. Operators will like the fully adjustable air-ride suspension seat and fingertip controls.



The outboard cutting decks can be raised to 90 degrees for close-in trimming usually associated with smaller, less productive machines. Each deck is designed with a rear discharge for a more even distribution of clippings as it mows. Standard 4-wheel hydraulic drive provides the traction needed for hilly or wet terrain without damaging turf in tight turns.

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Verticut

Jacobsen Verticut 214 tractor-mounted control features a single hydraulic control lever that is placed within easy reach of the operator. The three 30-inch wide cutting heads easily float over ground undulations. Verticut 214's wide, 84-inch cutting path and 4-MPH cutting speed covers more than 3 acres an hour for high productivity.



Both mower and frame are constructed of heavy-duty steel and can be quickly attached or detached from the vehicle. For rapid transport, Verticut[®] reels are hydraulically lifted out of the way for sure ground clearance.

Lawnaire V Plus

For large aeration jobs or added stability on sloped terrain, the Lawnaire V Plus rotating aerator is the answer. With a 26.5-inch path, the Lawnaire V Plus covers more than 40,400 square feet per hour.

Dual weights help increase ground pressure by more than 25 percent and are spring-loaded for easy removal. With the added weights and water filled drum, aeration tines can penetrate soil down to a depth of 2.75 inches.



AR-5

The redesigned AR-5 is a third-generation fine-cut rotary mower and uses the popular LF platform as the foundation for the redesigned lightweight fairway mower. The AR-5 lift arms are redesigned to continuously keep the cutting decks in the same vertical plane, allowing the decks to float straight up and down independently. The AR-5 is powered by a reliable, 60-horsepower Kubota diesel engine. The rotary mower decks are convertible from mulching to side discharge.



Utilimax

The Jacobsen Utilimax[®] offers outstanding versatility with features such as 4-wheel drive, articulated chassis and power-assisted steering. Operators like the tilt steering wheel, fully adjustable padded seat, and well-placed hand and foot controls. More than 30 "Quick-Hitch" accessories, including out-front rotary mower decks, blowers, aerators, snow and debris removal blades, chipper, edger, sweepers, snow blowers, posthole digger and trencher, are available. Engine choices include a 31-HP Vanguard liquid cooled gasoline engine and 34-HP Vanguard turbocharged diesel engine.



Mataway

The Jacobsen Mataway Overseeder/Dethatcher promotes healthier turf and improved grass seed germination rates. Lawn care professionals can dethatch or overseed lawns, or do both in one pass with this unique lawn-care product from Jacobsen. Heavy-duty snap-in/out slicing reels match the blade type and spacing needed for each application. Dethatching reels can be adjusted to the proper depth and the overseeder flow to the disc delivery system precisely controlled to ensure maximum seed germination.



HOT PRODUCTS

John Deere Golf & Turf One Source™

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JOHN DEERE GOLF & TURF
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John Deere Golf & Turf One Source™ is a full-service platform that brings together a variety of products and services to better serve the expanding needs of golf course superintendents, owners, architects and management companies. Local John Deere Golf & Turf One Source distributors offer a full range of products from mowing and maintenance equipment, and irrigation, drainage and landscaping supplies, to credit, parts and service—all from leaders within the industry.

The official equipment and One Source supplier to the PGA Tour, John Deere is noted for more than 165 years of innovation, the highest quality products, and its product and operator safety initiatives.

John Deere 4000 TWENTY Compact Utility Tractors

The first compact utility tractor with a John Deere engine and an automotive-style diagnostic control center, the 4000 TWENTY Series is



packed with features designed to handle the toughest jobs across the golf course.

- All four models in the series—4120, 4320, 4520 and 4720—are equipped with a John Deere 2.4L turbo-charged engine, offering up to 21 percent more horsepower and up to a 30 percent torque rise, providing more power on demand.
- The eHydro™ electronically controlled transmission is standard on the 4720 and optional on the 4120, 4320 and 4520. All eHydro models feature operator controls that provide easy electronic engagement of PTO, cruise control and our industry exclusive LoadMatch™.

John Deere 2500E Tri-Plex Electric Reel Greens Mower

Introduced in 2004, with full distribution available for 2005, the John Deere 2500E boasts reduced leak points, troubleshooting diagnostics and thermal motor protection. Equipped with an option of two engines, the 2500E gas model offers an 18-hp, four-cycle Kawasaki V-Twin engine, while an 18-hp, three-cylinder John Deere Series 220 powers the diesel model.

John Deere has eliminated more than 100 leak points at the reel circuit, while still providing superior cut quality and the power required to perform all normal mowing as well as verti-cutting and scalping for over-



seeding programs. It is compatible with all current greens mower attachments.

Additionally, John Deere engineers have designed a non-battery power source for the reel circuit, which allows you to mow all greens and keep the same frequency of clip. It also decreases the noise level of the machine.

John Deere C Series Fairway Mowers

Featuring the 3225C and 3235C models, John Deere C-Series Lightweight Fairway Mowers have been designed for greater productivity and operator comfort. For operator



comfort, the command arm puts the key switch, mow switch, throttle lever and raise/lower lever conveniently at the operator's fingertips, while the patented White box™ controller is easily viewed from the operator's seat. The controller also offers quick on-board electrical diagnosis, providing less downtime for the operator.

The 3225C is equipped with a three-cylinder, 38.5-hp, liquid-cooled diesel engine and can be equipped with a standard 22-inch, 7-blade or the 22-inch, 5-, 8- or 10-blade Extra Strength Precision (ESP) cutting units.

The 3235C is equipped with a three-cylinder, 48.5-hp, liquid-cooled turbocharged diesel engine and can be equipped with 7-blade 22-inch Standard or the 5-, 8- or 10- blade 22-inch ESP cutting units.

John Deere Utility Vehicles

John Deere offers its Gator™ Utility Vehicles in three product classifications based on payload capacity.

Light-duty Compact Series Gators (Gator CS and Gator CX) are easy to maneuver and are equipped with a cargo box with a 400-pound capacity.

Medium-duty vehicles include the Standard Series 4x2 Gator, Turf Gator, 4x2 Trail Gator, 6x4 Gator, 6x4 Trail Gator, 6x4 Diesel Gator and 6x4 Diesel Trail Gator. These powerful 10- and 18-hp units boast payload capacities of 900 or 1,400 pounds, respectively.

The quiet, yet powerful, electric series E-Gator Utility Vehicle is a perfect choice for golf course superintendents and turf care specialists.



HOT PRODUCTS

Links Seed LLC

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Links Seed LLC was founded in 2002 by career seedsman Robert Cook with the specific goal of bringing quality turf grass seed to the grass seed market. Links Seed serves as a complement to Cook's trading company, Emerald Commodities.

Links Seed brings the quality products from the breeding programs of Dr. Virginia Lehman (Blue Moon Farm) and Crystal Rose-Fricker (Pure Seed Testing). Cook is working to bring seed of the highest quality to the market to close the gap between the quality of seed that exists in breeding programs and the quality of seed that has previously been available to consumers. Look for and demand the quality of Links Seed brand grass seed. Those varieties include LS-44 creeping bentgrass, Terradyne tall fescue and Turnberry tall fescue from Dr. Lehman's Blue Moon Farm as well as Golden Nugget Kentucky Bluegrass from breeder Crystal Rose-Fricker. Links Seed looks forward to future interactions and business with the readers of *Golfdom*.

LS-44 Creeping Bentgrass

LS-44 is a new Creeping Bentgrass that performed better than established varieties in trials conducted by North Carolina State University. LS-44's high density rating provides a true, virtually grainless putting surface under various mowing heights without thatch buildup.



- Dense tillering and upright growth habit—helps crowd out *Poa annua*.
- Superior disease resistance—requires less fungicide.
- Fine uniform texture—produces a superior putting surface.
- Exceptional traffic and wear tolerance—less spiking damage.
- Excellent seedling vigor—establishes quickly.
- Outstanding low mowing performance.
- Superb heat, humidity and cold tolerance—Adapted to a broad range of climates and elevations.
- Recommended for new construction, interseeding existing greens and winter overseeding of Bermudagrass.

If you're planning to overseed with an old variety, why not use LS-44 instead. You can save money and get a better turf.

Golden Nugget Kentucky Bluegrass

Golden Nugget is a newly developed variety that is a result of the parental cross of Limousine and the original Nugget variety. Golden Nugget is a dense, ultra-low growing, aggressive Kentucky bluegrass that will truly tolerate low mowing better than

most Kentucky bluegrasses.

The density of the Limousine parent is apparent in observing the high density growth habit of Golden Nugget. Golden Nugget has a beautiful dark green leaf color that, combined with the low growth habit and high density, makes it the ideal Kentucky bluegrass variety for home lawns, commercial landscapes, sod farms, and golf course tees, fairways and roughs.



Turnberry Tall Fescue

Turnberry is a high quality turf-type tall fescue suitable for use in a variety of locations throughout the United States. Turnberry would be useful for home landscapes in both full sun and shade, and is especially well suited for home lawns and commercial settings maintained at high quality levels by landscape professionals. Turnberry is ideal for golf course roughs, both sun and shade in the transitions regions of the United States. Turnberry is a fine-textured, medium dark green, high-density tall fescue with excellent brown patch resistance.



Terradyne Turf Type Perennial Ryegrass

Terradyne turf type perennial ryegrass is a dark green, fine-textured variety with excellent overall turf quality. This new variety is early to green up in the spring, developing a spring turf density that ranks near the top of the NTEP trials. Its dark green genetic color lasts all season, with especially dark color in the fall and winter.

Use Terradyne alone, in perennial ryegrass blends, in high quality cool-season turf mixes, or for winter overseeding of Bermudagrass turf.



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Milliken Turf Products

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Web site: www.millikenturf.com



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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

Nature Safe Natural & Organic Fertilizers

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Nature Safe fertilizers are constructed meal-based fertilizers derived from feed grade proteins such as meat, bone, blood, poultry, fish and feather meals as well as bakery by-products and humates, not waste by-products. Nature Safe has the highest amino acid concentration of any commercial fertilizer, ensuring product consistency and nutrient availability, resulting in an extremely predictable release.

Nature Safe promotes great turf color and builds stress tolerance. The slow, even feed minimizes top growth and enhances microbial activity to reduce thatch. Nutrition and fertility are critical to building root mass, improving density, and enhancing overall disease management properties to protect your turf.

Aeration is an ideal application opportunity. Nature Safe stimulates microbial activity that strengthens and deepens roots while encouraging lateral growth for quick recovery.

As a dormant feed, Nature Safe will build carbohydrate reserves for improved winter stress management resulting in improved turf health and vitality.

For overseeding applications, Nature Safe delivers a nutrition-based foundational feed for new seedlings for up to three months of residual growth based on temperature. Apply as a supplemental feed throughout the winter for turf establishment without stimulating Bermuda grass.



5-6-6 Starter Fertilizer—Ideal for aeration, new seedling establishment ornamental planting and color beds. Enhanced with meat and bone meal for improved root development and fortified with added amounts of humic acid, sugars and carbohydrates.

8-3-5 Stress Guard Fertilizer—Excellent on new or established turf or during renovation and overseeding. Amends stressed areas and is also an excellent aeration product. Tremendous product for greens.

10-2-8 All Season Fertilizer—Enhances root and shoot stability with controlled plant growth. Improves overall disease management by increasing the efficiency of fungicides. Ideal fertilizer for tees, fairways and ornamental plantings.

12-2-6 Ammonium Sulfate Fortified Fertilizer—Excellent product for warm season grow-in situations. Designed to balance color and growth during cooler temperatures. Improves management of patch disease problems.

15-2-8 with Meth-Ex 40®—81% Nature Safe with 19% Meth-Ex 40. A wonderful homogenous blend that provides a slow, even feed for 14 to 16 weeks. Ideal slow release product for fairways, roughs and tees.

21-3-7 Blended with UFLEXX™—60% Nature Safe with 40% UFLEXX (stabilized nitrogen). Virtually no nitrogen leaching or volatilization. Provides a slow, even feed for up to 8 weeks. Extremely economical product for fairways and roughs.

Special Offer with the purchase of Nature Safe Fertilizers:

Golf course superintendents are increasingly recognizing that good business decisions can have positive impacts on the environment. Promote your environmental stewardship through Nature Safe's sign program. Purchase two tons of Nature Safe and receive a complimentary display sign to inform your customers of your stewardship commitment.



HOT PRODUCTS

North American Green

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EROSION CONTROL Products
Guaranteed SOLUTIONS

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North American Green is a leading manufacturer of erosion control blankets and turf reinforcement mats. Since 1985, the company's products have been developed to assist with turf establishment and erosion control in a variety of applications. North American Green has developed the GreenSP® Soil Protection Series designed specifically for golf course

construction, renovation

and maintenance

applications. North

American Green recently

expanded its portfolio of high quality golf course erosion control and turf reinforcement products with the introduction of BunkerGuard™. This unique bunker liner conforms to a bunker's contour to reduce washout and stabilizes sand while controlling erosion on even the steepest bunkers and bunker facings, resulting in a significant savings



Products:

The GreenSP permanent products prevent erosion while reinforcing vegetation in storm water swales, around water hazards and along streambanks. This eliminates the need for "hard armor" practices like concrete or rock riprap and at a fraction of the installed cost. Storm water runoff can be costly when precious topsoil, seed and amendments are washed off a carefully prepared course during construction; not to mention opening delays.

Permanent

■ **P550® Turf Reinforcement Mat** is a permanent, ultra-high strength three-dimensional matting structure incorporated with a 100% polypropylene fiber matrix stitched with permanent thread, to provide both long-term, pre-vegetated erosion protection and permanent turf reinforcement for shoreline protection on pond edges and other water hazards.

■ **C350® Turf Reinforcement Mat** is a permanent, super-high strength three-dimensional matting structure incorporated with a 100% coconut fiber matrix stitched with permanent thread. It provides both long-term, pre-vegetated erosion protection and permanent turf reinforcement for permanently protecting drainage swales and streambanks.



Temporary

Our temporary short-term degradable products provide you with 45 to 60 days of protection. Our extended-term degradable products will give you up to 18 months protection for low-maintenance sloped areas.

■ **SC150BN™** is 100% biodegradable. It is constructed of 70% straw and 30% coconut fiber stitched with biodegradable thread between 100% biodegradable natural fiber top and bottom nets. SC150BN is ideal for placement on sloping roughs, moderate flow areas and shade areas.

■ **DS75™** is constructed of 100% straw fiber stitched with accelerated degradable thread to a lightweight accelerated photodegradable polypropylene top net. Special additives in the DS75 netting and thread cause it to break down in sunlight in 45 to 60 days. Therefore, DS75 is ideal for use in areas where close mowing will occur soon after vegetation establishment, such as fairways and gentle slopes.



Bunker lining

■ **BunkerGuard™** utilizes patented construction and is a tan permanent, three-dimensional liner comprised of three polypropylene nettings incorporated with a 100% polypropylene tan fiber matrix. The corrugated structure provides a highly frictional surface to help hold sand in place and is proven to significantly reduce erosion.

This unique bunker liner conforms to a bunker's contour to reduce washout and stabilizes sand while controlling erosion on even the steepest bunkers and bunker facings, resulting in a significant savings in bunker maintenance labor and material costs.

