

HOT PRODUCTS

Champion Turf Farms

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CHAMPION
TURF FARMS

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Champion No-Till Greens Renovation™

An exclusive process developed by Champion Turf Farms for planting Champion Dwarf Bermudagrass on existing putting greens without reconstruction. The Champion No-Till Greens Renovation process contains trade-secret procedures exclusive to Champion Turf Farms. The process relies on the growth habit and agronomic characteristics of the Champion, a patented bermudagrass cultivar (PP#9888). Morris Brown selected this cultivar in the 1980s for its growth habit in order to make the No-Till process possible. Champion was the first ultradwarf cultivar and has now been planted on over 300 courses in 16 states.

Greens Renovation Any Course Can Afford

Many courses have spent \$300,000-\$500,000 rebuilding their greens using another ultradwarf bermudagrass and yet still do not have a better result than courses converted to Champion using the No-Till process, for 10 percent of the cost.

Minimal Closure

The real cost of renovation is not the cost of the work, but the cost of being closed. Courses converting using the Champion No-Till Renovation are typically reopened for play in eight weeks or less.

Agronomically Sound

Because Champion Turf Farms has spent nearly 20 years working with this grass and even longer developing this process, they know the agronomy behind it. When properly executed, this combination of exclusive technology and exclusive grass cultivar results in greens that are actually easier for the superintendent to manage, yet have the same fantastic putting surface.

Withstanding the Test of Time

Champion Turf Farms has been converting courses using Champion No-Till Greens Renovation for nearly 10 years. It has converted 161 courses in 13 states with this procedure. Greens that they converted nearly 10 years ago are still consistently performing well and should continue to do so indefinitely.



Before



After

The Putting Surface

For nearly 10 years, the literature in our industry has been filled with publications of evaluation trials, studies of management practices, anecdotal stories of successes and failures, all in an attempt to divine which is the "best" grass. Yet the most obvious question rarely gets asked. What about the putting surface? Why convert your greens in the first place? Champion is the ultimate bermudagrass putting surface™. No other bermudagrass cultivar can create a better surface than Champion. Most courses that convert their greens to Champion dramatically increase their rounds played because of the improved putting surfaces.

Guaranteed Results

Champion Turf Farms can do it. Nobody else can. Why?

- Because they understand the agronomy behind the process
- Because they have spent decades developing and refining this process and employ a number of trade-secret techniques and processes that are exclusive to Champion Turf Farms
- Because they know the characteristics of Champion Dwarf Bermudagrass and they know how it should be managed
- Because they are responsible for every aspect of the process from evaluating your existing greens beforehand to maintaining, harvesting, transporting and installing the new turf, to follow-up consultation during the grow-in and beyond
- Because the process depends on the growth habit of Champion. Champion was selected almost 20 years ago for these characteristics. Other ultradwarf bermudagrasses lack the genetic vigor necessary to make the process work



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Chemtura Corporation

Specialty Products

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Web site: www.chemtura.com



Announcing Chemtura Corporation

Now, some of the best names on the course are brought to you by the newest name in the industry. Following an all-stock merger on July 1, 2005, Crompton Crop Protection and Great Lakes Chemical Corporation are now part of Chemtura Corporation.

"We already offer some of the best products in the turf and ornamental field in our combined product portfolio," said Cesar Lamonega, North American business director, Chemtura Crop Protection. "Now, these products will come from Chemtura, the newest name in the industry with an expanded product portfolio to help our customers produce high value turf and landscape products."

Chemtura Corporation, with pro forma 2004 sales of \$3.7 billion, is a global manufacturer and marketer of specialty chemicals, crop protection and pool, spa and home care products. Headquartered in Middlebury, CT, the company has approximately 7,300 employees around the world.



Terrazole® 35 WP fungicide

Terrazole® 35WP fungicide works as both a preventive and curative for control of *Pythium* diseases. Pythium blight, grease spot, spot blight, root rot, cottony blight and seedling damping-off are common names of diseases caused by *Pythium* sp. One of the most destructive turf diseases known, a severe outbreak can be devastating within days.

A wettable powder, Terrazole 35WP mixes easily with water and can be applied with standard spray equipment at any time, even on bright, sunny days. And, even after years of on-course experience, no resistance has ever been reported with Terrazole.



Turfcide® fungicide

Turfcide® fungicide is the industry standard for control of snow molds. 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 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 is the right solution for that one, all-important application just before the snow flies.

Always read and follow label directions.

Terrazole and Turfcide are registered trademarks of a subsidiary of Chemtura Corporation.

HOT PRODUCTS

Exaktime, Inc.

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If you're like most superintendents, one of your costliest problems is accurately tracking and monitoring the time spent by your workers at your golf course.

According to the American Payroll Association, companies immediately save an average of 9% of their payroll costs by switching from handwritten timecards to automated timekeeping. Research shows that 43 minutes of time loss per worker occurs every day – from time rounding, math errors and memory lapses. In fact, the golfing industry is one of the largest in which labor is recorded using handwritten timecards.

Enter The Jobclock System.

The Jobclock System is the only solution for accurate timekeeping for superintendents.

Jobclocks are battery-powered and can be secured anywhere. Workers use a pair of green and red "Keytabs" to clock in and out for the workday and lunch.

Before payroll, the time records are collected from the Jobclocks using a Palm Pilot. Back at the office, the payroll clerk uses Jobclock Manager Software to generate a dozen customized reports. AccountLinx software automatically transfers time and attendance information to popular payroll and accounting packages.

What are the Benefits?

What benefits do time and attendance solutions really bring the superintendents?

Isn't it expensive to get started? What if the workers don't comply or resist the system?

■ Implementing an electronic time and attendance system brings tremendous benefits but it also requires a commitment from the business. The first step is to realize that the old ways of tracking time are inaccurate, ineffective and extremely costly.



■ The next step is to select and purchase an appropriate solution.

■ Finally, management has to deploy the solution to the workforce. Most companies take several payroll periods to fully roll out The Jobclock System. After that, the savings are substantial. The typical return on investment for most Jobclock Systems is about five weeks.

Find out why more than **160,000** workers clocked in today with The Jobclock System.

Call 888-788-8463 or visit www.jobclock.com.

HOT PRODUCTS

Excell Minerals

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Excell Minerals is a privately held company that has been a global industry leader for more than 30 years. This company is an important supplier of recovered metals, agricultural liming materials, cement products and specialty fertilizers. Excell Minerals has earned a reputation for high quality products and outstanding service to the markets it serves.

Introducing ...

EXCELLERATOR™

An excellent choice for improving turfgrass performance and strength – rich in soluble silicon and micronutrients.

Excellerator is a prilled calcium silicate product, custom blended with a unique blend of micronutrients proven to enhance turf health. Its proprietary design allows for immediate water release, permitting rapid turf uptake and response. Excellerator strengthens turf and enhances resiliency, making it ideal for high traffic areas.

How it works ...

The majority of sand-based soils have a high silicate content, but are typically deficient in silicate monosilicic acid, the plant-available form of silicon. Even on traditionally fertilized greens, turf silicon demand will, over time, outstrip the soil's ability to supply sufficient silicon by normal weathering processes.



Excellerator, once applied, uniquely works to improve soil fertility. Excellerator strengthens plant cell walls and improves overall plant health, increasing resistance to insects, diseases and fungal attack.

Under dense turfgrass stands, root-absorbed silicon can indirectly stimulate growth by improving leaf erectness. This enhanced leaf erectness may aid turf health with lower mowing cuts, allowing for faster greens speed.

“For me, as a plant pathologist, to see what silicon does for diseases is just phenomenal. It doesn't just control one disease, it controls several diseases. You can better manage your fungicide application...”

– Dr. Lawrence Datnoff
University of Florida

Excellerator is a unique source of soluble silicon. This specialty turf fertilizer contains the highest levels (39%) of soluble silicon known in the industry. Silicon, when plant available, offers several distinct benefits to the turf manager:

- Strengthened turf with enhanced resiliency, making it ideal for high-traffic areas
- A reduction in heat stress
- Easily incorporated into existing fertility programs
- Improved disease and insect resistance
- Increased availability of soil-bound phosphorus
- Improved traditional fertilizer performance

In addition, soluble silicon applications have been shown to alleviate nutrient toxicity symptoms, increase antioxidant concentrations, and increase photosynthetic capacity.

Excellerator is an important addition to an already-existing, sound fertility program.

Many reasons exist to try this remarkable new product. Excellerator is a unique, immediately soluble, prilled, calcium silicate source, custom blended for the turfgrass industry. Excellerator provides your turf with silicon, calcium and other key micronutrients.

Research has shown silicon fertilizer applications can increase phosphorus availability, improve root mass, and increase the rigidity and elasticity of turfgrass leaf tissue. With Excellerator's unique nutrient package and calcium carbonate equivalence (CCE) of lime, this new product is an excellent choice to enhance an already-existing fertility and disease management program.

Excellerator is available in 2 turf pellet sizes:

Excellerator Greens and Sports Turf Grade: A micropellet, designed for tee boxes, greens, and athletic field applications

Excellerator Fairways Grade: A slightly larger pellet designed for fairways and roughs

Contact us to today at 1-866-401-5700, or visit www.ExcellMinerals.com for the latest information on how Excellerator can help you manage your turf and keep it looking picture perfect.



HOT PRODUCTS

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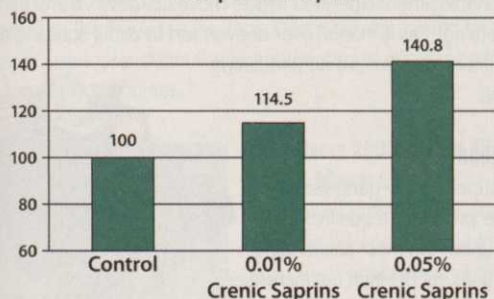
E-MAIL: techinfo@floratine.com

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"It's sometimes hard to get excited about N-P-K, but I'm excited about our new Carbon Power foliar nutrient," says Floratine President Bill Byrnes.

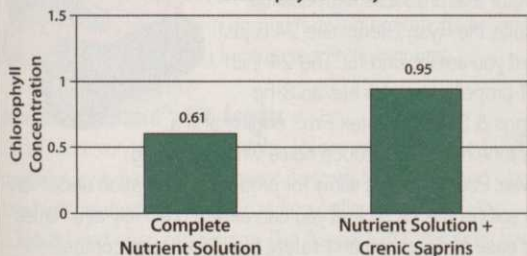
The new Carbon Power technology, which Floratine has applied to several major nutrient blends, involves the inclusion of crenic saprins – a powerful, biologically active, organic acid fraction, which research has demonstrated leads to dramatic enhancement of nutrient uptake, translocation and utilization in plants.

Phosphorous Uptake



As a result of this increased utilization, reduced nutrient inputs may be possible and turf still be adequately supplied to achieve physiological benefits. For instance, studies have shown crenic saprins increase chlorophyll density and rooting.

Chlorophyll Density



"Several years of golf course testing in Europe have confirmed crenic saprins' power to enhance turf aesthetics, even under adverse temperature conditions," reports Peter Stromberg, Floratine's European business manager. "Superintendents who have used Carbon Power technology have consistently noted greening and moderate growth at low nitrogen rates on creeping bent and poa below 50° F and less, even in Scandinavia where we also suffer from low-light intensity early in the year."

The northern United States and Canada deal with the same basic early-season limitations.

According to Byrnes, applications during 2005 have produced dramatic results throughout the United States and Canada on warm and cool season turf, producing strong color responses at low nitrogen rates.

"Importantly," says Byrnes, "we know why the response occurs, and it is not nitrogen or iron based. It is carbon based. We are focused on turf strength, not surging plants. Surging only sets turf up for later problems."

Carbon Power is currently available in the following Floratine products:

■ **Carbon N (20-0-4+1% Mg)**, with nitrate and ammoniacal nitrogen sources to provide balanced nitrogen inputs.

■ **P.K. Fight (3-0-28)**, derived from proprietary stabilized potassium phosphite to assist stress tolerance.

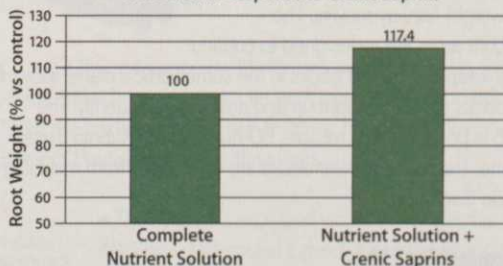
■ **Carbon K (3-0-15+1% Mg)**, with predominately low salt thiosulfate potassium but enough potassium nitrate to insure immediate availability for deficiencies.

"Though this is expensive technology, we have squeezed both wholesale and retail margins to ensure affordability, especially on an application basis," Byrnes says.

Floratine, which has exclusive access to the Swedish supplier of the crenic saprin source material, believes turf managers will find that Carbon Power offers an attractive option for greens, tees and fairway use.

Ken Day, the consulting agronomist who sourced the crenic saprin material and monitored the European trials, has researched and tested organic materials for agricultural and turf applications for more than 15 years. "No one," he says, "especially Floratine, is claiming Carbon Power products are a silver bullet. Nevertheless, observation and measurement convince me that crenic saprin technology consistently delivers increased biological activity in turf."

Root Growth Response to Crenic Sapris



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Jacobsen, a Textron Company

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Jacobsen, a Textron company, 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. When performance matters, choose Jacobsen.

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 $\frac{3}{8}$ -inch.



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.

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.



Tournament Cut™ 22

Jacobsen's Tournament Cut-22 floating reel walking greens

mower creates the visual effect of apparently seamless greens and approaches. It features turf-hugging, fully floating cutting reels with beltless direct-drive and separate traction drum. The mower has a narrow 22-inch cutting width to better follow green contours. This unique and balanced "floating cutting reel" design separates and unloads the weight of the rear traction wheel/power source from the suspended floating cutting reel. This enables the suspended reel to move up/down, front/back and left/right as it "floats" over uneven turf to avoid scalping and deliver a more even cut on undulating greens.



SLF-1880™

This super-light 5-gang fairway mower produces a quality finish even under the most challenging conditions. Its 80-inch cut increases productivity compared to triplex mowers and the 18-inch reels perform better on undulating fairways. The result is a better overall quality finish even under the most challenging conditions. Plus, the 80-inch-wide cut pattern improves visual aesthetics by adding definition.



Ryan® Greensaire® 24

If you are looking for a turf friendly aerator that produces high-quality results, the Ryan Greensaire 24 is just what you are looking for. The 24-inch self-propelled aerator has an 8-hp Briggs & Stratton® Intek Pro® engine and a low tone muffler to reduce noise while providing power. Four tine sizes allow for proper core aeration under varying soil conditions so that you can aerate precisely at all times. For ease of operation and safety, the Greensaire comes equipped with operator presence control, an automatic parking brake and centralized controls.



Cushman® Turf-Truckster®

The Cushman Turf-Truckster offers outstanding versatility with features such as the industry's highest payload of 2,850 pounds, standard auxiliary hydraulics, and your choice of an automatic 3-speed or a 4-speed manual transmission. Engine options include a 32-hp EFI gas engine and a new 26-hp diesel engine.



HOT PRODUCTS

John Deere Golf & Turf One Source™

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JOHN DEERE GOLF & TURF
ONE SOURCE™



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John Deere Golf & Turf One Source™ is a full-service platform bringing together equipment, agronomic products and other services to better serve the expanding needs of golf course superintendents, owners, architects, builders and management companies. The program offers a full line of industry-leading mowing and maintenance equipment, including certified pre-owned equipment through the John Deere Assured program.

Additional products offered through One Source include seed, fertilizer, chemicals, landscaping supplies, irrigation, fertigation, drainage and golf course accessories from industry leaders – all available through a local John Deere distributor.

As the official golf course equipment and One Source supplier to the PGA TOUR, John Deere can be trusted to provide superintendents the tournament-level quality needed on today's golf courses.



John Deere 2500E Hybrid Tri-Plex Greens Mower

The John Deere 2500E boasts reduced leak points, trouble-shooting 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 normal mowing operations as well as verti-cutting and scalping for overseeding programs.

John Deere Aercore™ 800 Aerator

Just in time for fall aeration, John Deere introduces the 2006 model year version of its popular Aercore 800, delivering operators high productivity while providing optimum hole quality, durability and ease of service. The Aercore 800 features four aerating speeds, a four-cycle overhead valve, Kohler Command 25-hp engine with electric solenoid start and a dual element air filter for years of reliable service. The model year 2006 Aercore 800 features standard drive tire core deflectors to eliminate running over cores, an electro-hydraulic lift system, and drive chain tensioners to promote consistent down-row hole spacing.

John Deere E-Gator™

A clean, quiet and efficient option for a variety of applications, John Deere introduces 2006 model year updates for its E-Gator™. Increased foot and passenger room and an easy-to-reach forward/reverse toggle switch on the operator station provide

improved comfort and convenience. Additionally, John Deere has added four-ply high-performance tires for longer wear on hard surfaces. The E-Gator continues to feature low ground pressure to help prevent ground compaction, overspeed and roll-away control for safety and an anti-rollback function. Additional features include dynamic braking and speed control. The vehicle has a regenerative feature that puts an estimated 3 to 5 percent of the full electrical charge back into the battery during a day of work. The unit's UL-approved charger plugs into a 120 VAC, 60 HZ wall receptacle and draws the maximum amount of current allowed.

John Deere Gator TX™ Turf

John Deere Gator TX Turf was designed with the golf course professional in mind, featuring special turf-friendly tires, improved operator comfort and the quietest operation. With all-wheel suspension and all-wheel hydraulic disc brakes, the Gator TX Turf can go anywhere on course or off. And with a frame-isolated engine and exhaust system, a large-volume muffler and quiet foot-pedal operation, golfers won't even hear it coming. More powerful than the previous generation of Gators, the new TX Turf features a 13-hp/401 cc Kawasaki FJ400 engine, increased payload capacity and improved braking capabilities.



John Deere C Series Fairway Mowers

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.



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HOT PRODUCTS

LESCO

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LESCO

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LESCO Manicure Ultra

The new Manicure Ultra offers one of the most complete spectrums of fungicide control available, including dollar spot, brown patch, leaf spot and snow molds. Manicure contains chlorothalonil in an advanced Accu-Stick™ flowable formulation that is weather resistant and helps this product control diseases on turf, flowers, shrubs and shade trees. Uniform coverage on both sides of the leaf blade ensures disease protection for up to 14 days.



LESCO 18 Plus

With the active ingredient iprodione, LESCO's 18 Plus is a proven fungicide chemistry that delivers quick disease knockdown of some of the most critical turf diseases, including dollar spot, brown patch, leaf spot and snow molds. Thanks to its locally systemic action, 18 Plus offers enhanced uptake and even distribution throughout the plant for long-lasting control as well. 18 Plus is labeled for use on cool- and warm-season turfgrasses as well as ornamentals.



LESCO Spectator Ultra

Developed for the easy, cost-effective control of 19 turf and 30 landscape ornamental diseases, such as dollar spot, brown patch, anthracnose and more. Our economical, highly concentrated formulation contains 3.4 pounds of propiconazole per gallon, the same active ingredient as much pricier brands, but at an exceptional cost per acre value – one 2-gallon case treats more than 16 acres of fairway. Labeled for versatile use on all turfgrass species, including golf course greens, tees, fairways and roughs.



LESCO Touche

Touche puts the active ingredient vinclozolin to work controlling dollar spot, leaf spot, melting out, fusarium patch diseases and more. Touche protects susceptible plant tissues by preventing spore germination and preventing further growth of the germ tube. As a result, you get up to 28 days of residual control.

LESCO's Store-on-Wheels® vehicle

LESCO's innovative Store-on-Wheels makes LESCO the most convenient supplier of products for thousands of golf course superintendents across the country. The Store-on-Wheels brings products directly to the course, and each Store-on-Wheels is driven by a trained, agronomic expert who can help superintendents solve tricky problems and select the right products for their needs. Plus, LESCO has increased the number of Stores-on-Wheels on the road from 72 to more than 100, which means more superintendents can simplify their jobs by purchasing from LESCO than ever before. Call 800-321-5325 to set up a visit from a LESCO Store-on-Wheels today.



HOT PRODUCTS

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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.

