Introducing the First Complete Line of Potassium Nitrate-Based Turf Products.

Supported by Research

You've read the studies. A desirable ratio of potassium and nitrogen makes stronger turf requiring less maintenance. You know this is a higher ratio of potassium to nitrogen than you're applying now.

Controlled-Release: the Key

But what choice have you had? Controlled-release materials are the basis of advanced turfgrass fertility programs. And until now, controlled-release potassium nitrate has not been available.

Now K-Power's MultiCote[®] controlled-release coating allows you to apply the benefits of potassium nitrate-based fertilization across your entire program: Greens Grade, Fairways, even Combination products.

K-Power[®] Builds Stronger Turf

K-Power's potassium helps turf plant

helps turf plants better regulate water levels in their tissue and increase cell wall thickness. The plant is better able to resist temperature and drought stress as well as fungus and insect attacks. Without costly chemical treatments. A COMPLETE LINE OF POTASSIUM NITRATE-BASED PROFESSIONAL TURF PRODUCTS



Stiffer leaves support the golf ball for better shotmaking. Even if you mow a little higher. Clippings are reduced because K-Power's desirable ratio of potassium to nitrogen reduces the rate of leaf growth.

And the low salt index of chlorine-free K-Power potassium nitrate makes it one of the safest turf fertilizers available.

Unique Formulas

The Greens Grade line includes the only ammoniated homogenous products that combine the benefits of methylene urea and potassium nitrate.

The Fairway Blends provide a unique 50/50 ratio of controlled-release nitrogen to controlledrelease potassium. For the growth and green-up you need. When you need it.

Trial Programs

Contact your distributor for more information on K-Power and the world's most perfect trial program. Or call us at 1-800-227-2798.



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CIRCLE #101/BOOTH #4237,4239

(It's about time.)

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THINGS THAT DON'T WORK WELL TOGETHER.



THINGS THAT DON'T WORK WELL TOGETHER.





Some things just aren't meant to go together. For example, well-hit baseballs and windows, Bush and broccoli, postal delivery persons and neighborhood dogs. No matter how hard you try, they just don't fit together.

On the other hand, some things are meant to go together: beer and pretzels, football and Thanksgiving, peanut butter and jelly, kids and puppies.

When it comes to disease control on turfgrasses – especially brown patch, leaf spot, dollar spot, and summer patch – there are two products that go together pretty well, too.

Diseases Controlled By A Tank Mix Of Banner And Daconil 2787.

Anthracnose Brown Patch Copper Spot Dollar Spot Gray Snow Mold Leaf Spot Pink Snow Mold Powdery Mildew Red Thread Rust Spring Dead Spot Stripe Smut Summer Patch

So well, that it's as if they were almost created especially to be used in a tank-mix combination: Banner[®] and Daconil 2787.[®]

They Work Better Together.

When these two remarkable products are used together in a tank mix, they provide even more remarkable results on turf diseases. Such as:

- Broader control
- Longer control
- Lower rates

Banner and Daconil 2787, when used at their lowest labeled rates, provide excellent control of all major turf diseases (except Pythium) when used on a typical 14-to 21-day program.

Better control, in fact, than you can get with the highest rates of either product when used alone.

Use Less Active Ingredient.

These low rates minimize the amount of active ingredient that you have to apply to the turf, yet provide both longer disease control and a spectrum of control that would not have been possible with either one of the products alone. Because this tank mix offers two different modes of action, there is less chance of disease recurrance. It also minimizes the development of insensitivity.

Results for the performance of this tank mix are based on extensive research conducted at universities and golf courses all across the country.

Stay Ahead Of Disease.

The results are conclusive: Tank mixing Banner and Daconil 2787 can let you stay effectively ahead of diseases – while allowing you to use the lowest labeled rates for more cost efficiency.

If disease becomes established, you often have to throw a lot of money at the problem to make it go away. This is because treating diseases once they are established usually requires using a lot of different individual products to control the various diseases.

Preventive Vs. Curative.

A preventive approach works better. Using a preventive instead of a strictly curative approach to disease control has several advantages.

Turf that has not been weakened by disease is stronger, and better able to handle other stresses during the year. The turf generally stays healthier, as well.

But perhaps the main advantage of the preventive approach is that undamaged turf looks a whole lot better than turf that has suffered an attack by disease.

This alone is reason enough to try a Banner plus Daconil 2787 tank mix to prevent disease from ever getting a foothold on your turf. And it's available for use on both golf courses and residential lawns.

A More Practical Approach.

A tank mix of Banner and Daconil 2787 is so economical and effective, it makes taking a preventive approach to controlling turf diseases totally practical – whether on a private or public golf course, or on residential lawns being serviced by a lawn care professional. Even on a tight budget.

In fact, this new tank mix is so practical, we're sure you'll believe as we do that Banner and Daconil 2787 applied in combination are the greatest thing since sliced bread (and butter!).



THINGS THAT DON'T WORK WELL TOGETHER.



THINGS THAT DO.



Who would have thought this combination would revolutionize the fight against brown patch and dollar spot? Yet a tank mix of Banner® and Daconil 2787,® at their lowest rates, will give you superior control. More than either fungicide can alone at their highest rates. And with longer residual. Which means brown patch and dollar spot won't just go away. They will stay away.

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A NATIONAL EXHIBITION AND CONFERENCE FOR OWNERS, Superintendents, Managers, and Developers of Public-access Golf Facilities



Announcing the premier national trade show and conference just for superintendents, owners, and managers of public-access golf course facilities

It's called Golf Course Expo, the premier national expo and conference for daily fee, municipal, semi-private and resort courses—and it's sponsored by *Golf Course News*.

The Expo features:

•More than 200 companies with products and services on the trade show floor

•A one-stop marketplace for all you need to profitably build, manage, maintain and market the public access course

• Practical solutions for superintendents, owners, managers and developers of public access courses

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POWERFUL CONTROL, PERFECTLY PACKAGED.

For years, Fungo[®] has met your needs for effective control of key turf and ornamental diseases.

Now Fungo is in water soluble bags, responding to your demands for safety and ease of use.

And Fungo WSB is an ideal replacement for Benlate. Its active ingredient, Thiophanate-Methyl, is a direct substitute.

Thanks to its systemic action, a single application of Fungo WSB provides up to 14 days of control of major turf and ornamental diseases, including Brown Patch, Summer Patch, Necrotic Ring Spot, Red Thread, Dollar Spot, Diplodia, and Anthracnose.

And Fungo WSB is very versatile. It's labeled for use on major turf varieties along with spray applications for roses, shade trees and woody ornamentals. You can also use it as a drench on annuals and perennials.

Get Fungo WSB from your Grace-Sierra distributor today.

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Or call us toll-free at 1-800-695-8085. Fungo in water soluble bags-the perfect package for controlling disease.



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Troubled Waters?

Before water can enhance a landscape, it has to be healthy. The results of poor water management can be unsightly, smelly and costly.

Otterbine quality water management keeps ponds and lakes sparkling, clear

and odor-free. Naturally, efficiently, and beautifully.

Otterbine CONCEPT₂ surface aerators give nature a boost by stimulating natural water cleanup processes. They offer

interchangeable spray patterns for almost unlimited versatility.

And our TRITON and AIR FLO subsurface aerators are virtually undetectable as they create strong currents to produce oxygen that cleans and purifies.



The spectacular SUNBURST $_2$ from Otterbine's versatile CONCEPT $_2$ line; and the subsurface aerators TRITON and AIR FLO.

Rugged and built to last, all Otterbine aerators are simple to install. Efficient. Compact. Self-contained. Safety tested. And approved by the Electrical Testing Laboratory.

Otterbine aerators, designed to move high volumes of water, are built for years of dependable service. Laboratory. Our comprehensive product line ranges from the highest technology in aeration systems to OTTERSHADE, the new environmental lake dye. And we stand behind a 35-year tradition of quality, pride and fast, effective service.

Call or write, today, to find out how Otterbine can help make your water work, beautifully.

Water works with Otterbine.

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NEW from the Trimes people: ENCORE BDSCC

A new MCPA broadleaf herbicide in a dry, sprayable concentrate

A major advancement in Trimec technology. A broad-spectrum, patented MCPA post-emergence broadleaf herbicide for use on ornamental turfgrass. Packaged in pre-measured, water-soluble bags. Just drop the packet into the spray tank, and you're ready to help keep America beautiful. Contains 32.4% MCPA; 14.5% MCPP; and 3% dicamba as active ingredients.



No other herbicide can give you all of these advantages

- Dissolves in cold water with minimal agitation
- Stays in solution not a suspension
- Increases mixing accuracy and the ease of handling

- No measuring just drop the required number of packets into spray tank
- No container recycling or triple rinsing required
- No danger of freezing saves valuable storage space
- A product of Trimec technology, which is your guarantee of professional quality



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"A SEVEN-DAY PREVENTIVE SCHEDULE OF DACONIL 2787" COVERS ALL THE BASES."



Thom Martinek, Superintendent, Shaker Heights Country Club Cleveland, Ohio From the Great Lakes to southern regions, for bentgrass turf, a little Daconil 2787[®] Fungicide from ISK Biotech Corporation goes a long way.

That's certainly true for Thom Martinek, course superintendent at the 80-year-old Shaker Heights Country Club located in that prestigious neighborhood near Cleveland, OH. He's used a seven- to tenday schedule of Daconil 2787 Flowable Fungicide at low label rates for more than

a decade. And the result? Throughout the season, Leaf spot, Dollar spot, Brown patch and even algal scum are kept well under control.

Seven-day schedule

"We've been successful with this program for years," Thom says. "Daconil 2787 is a good contact fungicide, but with daily mowing, frequent irrigation and that sort of thing, you're bound to lose some of it. So, from a preventive standpoint, I like to use a seven-day schedule at the very lightest end of the recommended rates." In warm, wet weather, though, when disease pressure is highest, Thom uses Daconil 2787 at higher label rates, or tank mixes with systemics.

While the course at Shaker Heights Country Club is short — just 6300 yards — it has a reputation for tough, tight holes and fast, subtle, undulating greens. With bentgrass turf throughout, Thom knows he can't take shortcuts on maintenance.

Cornerstone for disease control

Ask him, and Thom will tell you he doesn't see much disease. This he attributes to using Daconil 2787 as the cornerstone of his preventive disease control program. He doesn't have to worry about resistance, either. That suits his conservative nature just fine.

Drop us a line to tell us your Daconil 2787 success story. If we use your story in an ad, we'll donate \$100 to your favorite charity. Write Jackie Tengler, ISK Biotech Success Stories, 5885 Landerbrook Drive, Suite 215, Cleveland, OH 44124.

Daconil 2787 WI



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ONCE[™] gives you consistent, superior turf color and growth because it feeds continuously—all season.

ONCE eliminates the "feast or famine" effects of conventional fertilizers. This insures uniform, superior growth with even mowing cuts. And minimal nutrient pollution. ONCE was developed using our OSMOCOTE® resin coating technology, the leading controlled release fertilizer worldwide. This unique system meters nutrients continuously every day—for a full season.

Because release is based only on temperature—not water, pH, or bacteria as with other fertilizers—nutrient availability matches turf and plant growth needs. ONCE is available in a variety of analyses and 8-9 and 5-6 month longevities.

ONCE. Contact your Grace-Sierra turf/landscape distributor or call us toll-free at 1-800-492-8255.

Use ONCE, just once, for the best results all season long.

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Asia is fast becoming a golfer's paradise with tremendous growth being registered throughout the region. This has created a boom for golf related products and services, giving unprecedented business opportunities for people in the industry.

Now is the best time for you to take advantage of the situation and get a firm footing in Asia's golf boom by signing up for Golf Asia '94. It promises to be yet another success.

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biggest golf trade show in the Asia Pacific region. Golf Asia '94 will cater to two broad categories of exhibitors. The Industry Section will attract qualified buyers in the

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trade. While the Commercial Section will target merchandisers and general golf enthusiasts. Thus Golf Asia '94 will capture all facets of the golfing industry.

The 4th Asia Pacific Golf Conference will be held in conjunction with the exhibition. It is an industry-recognised forum that covers current and future trends. It is also a perfect opportunity to meet with specialists and decision makers 0719. in the industry.

Even though Golf Asia '94 will be bigger and more comprehensive, space is limited. Which Mailtis couprign with worth a coupring to a makes good business sense Present ne drais on Coll has an hain BE send me details on Coll 1500 4th 1500 Pacifi for you to sign up now.

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GCSAA

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"Applying Embark after trimming around the edges of our bunkers cut our labor in half. Using a ChemLawn spray gun, we made three applications last year, putting the PGR down in two to ten foot bands, depending on the slope. Our chemical costs were about \$35.00 per acre, including Ferromec[®] AC Liquid Iron, and we estimate that we saved \$340.00 in labor each time."

> Tim Taynor, CGCS Sugar Valley Country Club Bellbrook, Ohio

Get the Embark® LITE® FINE TURE REGULATOR Edge!

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Manicured turf requires a great deal of tedious trimming and edging. Did you know that up to two-thirds of this timeconsuming and costly labor can be avoided? Simply make a banded application of Embark Lite following each string trimming. Trimmed edges will generally hold for six weeks on most species.

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Simply send your proof of purchase and a check for \$35.00 plus \$5.00 for shipping and handling to PBI/Gordon Corporation prior to August 30, 1994. Delivered via UPS. Limit one per customer.

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Apply Embark Lite where you string-trim most (but want to less).



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Finally, a quality lightweight with plenty of mowing muscle.

At less than 10 PSI ground pressure, the all-new Jacobsen LF-3810 treads lightly on the most delicate fairways. Yet its 5 heavy-duty

7" diameter, 10-blade reels deliver the high torque to handle all kinds of grasses and conditions beautifully. Plus, 26" balanced reels and our unique rear roller down pressure system produce tournament quality results at production mowing speeds, hugging undulations other machines would scalp.

Accessibility you'll flip over.

The entire operator platform and rear hood flip up, completely out of the way, for easy access to all key components. Also, the center cutting unit slides back, for quick, easy adjustments.

Comforting news for operators.



The LF-3810 is loaded with operator comfort features, including: full suspension seat with armrests; 5-position tilt, power steering; easier two-pedal hydrostatic drive; full instrumentation; even holders for their favorite soft drink and personal items.

Transverse engine mounting helps you handle

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slopes with confidence. This up-front automotive design produces surprising traction and excellent climbing ability in a 2-wheel drive unit. Exclusive SynchroLift control— Cross cutting at its easiest & most productive.

A simple push or pull of the synchronized lift levers is all it takes with this system. The machine automatically raises the reels to turning height, then lowers them for nimble, flawless cross cutting.

Maintain a spotless reputation on the fairway with GreenSentry.™

Our advanced oil leak detection system is standard, to give you every advantage possible on the fairway.

The list goes on and on.

Variable-speed, power backlapping; 3, 4 or 5 gang operation; heavy-duty hydraulic system; a 38 hp, liquidcooled Kubota diesel . . . the quality features just never seem to quit.

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