

GROUND IVY



OXALIS



CRABGRASS



NUTSEGE



SPURGE



CLOVER

Dependable, economical post-emergent control

Crabgrass, Nutsedge

Plus the truly hard-to-control broadleaves

Read how Trimec® Plus, with its unparalleled broad spectrum control, fast action, and gentleness to desirable grass, is helping turf professionals improve their

environmental stewardship and reduce their chemical costs.



Everett Mealman
Chairman and
Chief Executive Officer
PBI/Gordon Corporation

The *environmental age* weed control program being used by Roger Albrecht is typical of progressive turf professionals.

Albrecht is president of Nitro-Green Corporation, which has 38 lawn care franchisees scattered over 15 different states, and he manages two locations in California for his own hands-on experience.

"Our goal is to eliminate all broadcast spraying of herbicides on the ornamental turf we manage, and replace it with spot treatment as necessary," says Albrecht. "We want to be proactive on environmental issues and be able to assure our customers that we are using the absolute minimum requirement of chemicals."

Albrecht goes on to explain that such a program takes time to implement because

the turf needs to be so healthy and thick that weeds cannot easily germinate.

"The elimination of the broadcast applications of pre-emergent herbicides is the critical step," says Albrecht, "because, no matter what, some crabgrass is going to appear, and since crabgrass is a major cause of complaints, we must be able to eliminate it fast with no discoloration."

Trimec Plus provides the safety net that enables Albrecht to eventually eliminate broadcast applications of pre-emergent herbicides. "We have absolute confidence in Trimec Plus to handle any crabgrass or nutsedge that shows up," says Albrecht.

And, of course, the same spot sprayer filled with Trimec Plus that Albrecht uses to control crabgrass and nutsedge also controls the other grassy and broadleaf weeds that can germinate throughout the year. "Having *one* herbicide for *all* of our spot treatments is a major factor in our program," says Albrecht.

But if Trimec Plus is ideal for spot treatments, it is also unsurpassed for broadcast applications when the need exists. Listen to George Toma, the executive turf consultant for the Royals, Chiefs, and NFL:

"My son, Chip, the groundskeeper for the Truman Sports Complex, used broadcast applications of Trimec Plus on the out-of-sight, unirrigated perimeters of the complex which was loaded with every conceivable weed, and Trimec Plus

absolutely took out everything except the bluegrass."

According to Toma, it would have taken four different selective herbicides to do the job that Trimec Plus was able to do . . . but even more important, Toma says that Trimec Plus did a better job on all of the individual species than a narrow spectrum selective could have done.

Now also approved for use in zoysia and tall fescue

Trimec Plus is a unique formulation of Trimec Broadleaf Herbicide and MSMA in a stable, uniform suspension that is as easy to work with as any other Trimec Complex.

And now it is labeled for use in turf-type tall fescues and zoysiagrass, as well as established bluegrass and bermudagrass.

So, by all means, give Trimec Plus a trial this season . . . especially on crabgrass, nutsedge and clover. We assure you that your experience with Trimec Plus will give you the confidence you need to start working toward the elimination of broadcasting.



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HERBICIDE

771-293

CIRCLE #101

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 recurrence. 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!).



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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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Always read and follow label directions.



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 Scotts distributor today. Or call us toll-free at 1-800-492-8255.

Fungo in water soluble bags—the perfect package

for controlling disease.



Note: Fungo WSB is not yet registered for sale in California. ©1994 The Scotts Company, Marysville, Ohio 43041. Fungo is a registered trademark of The Scotts Company.

CIRCLE #111

Troubled Waters?

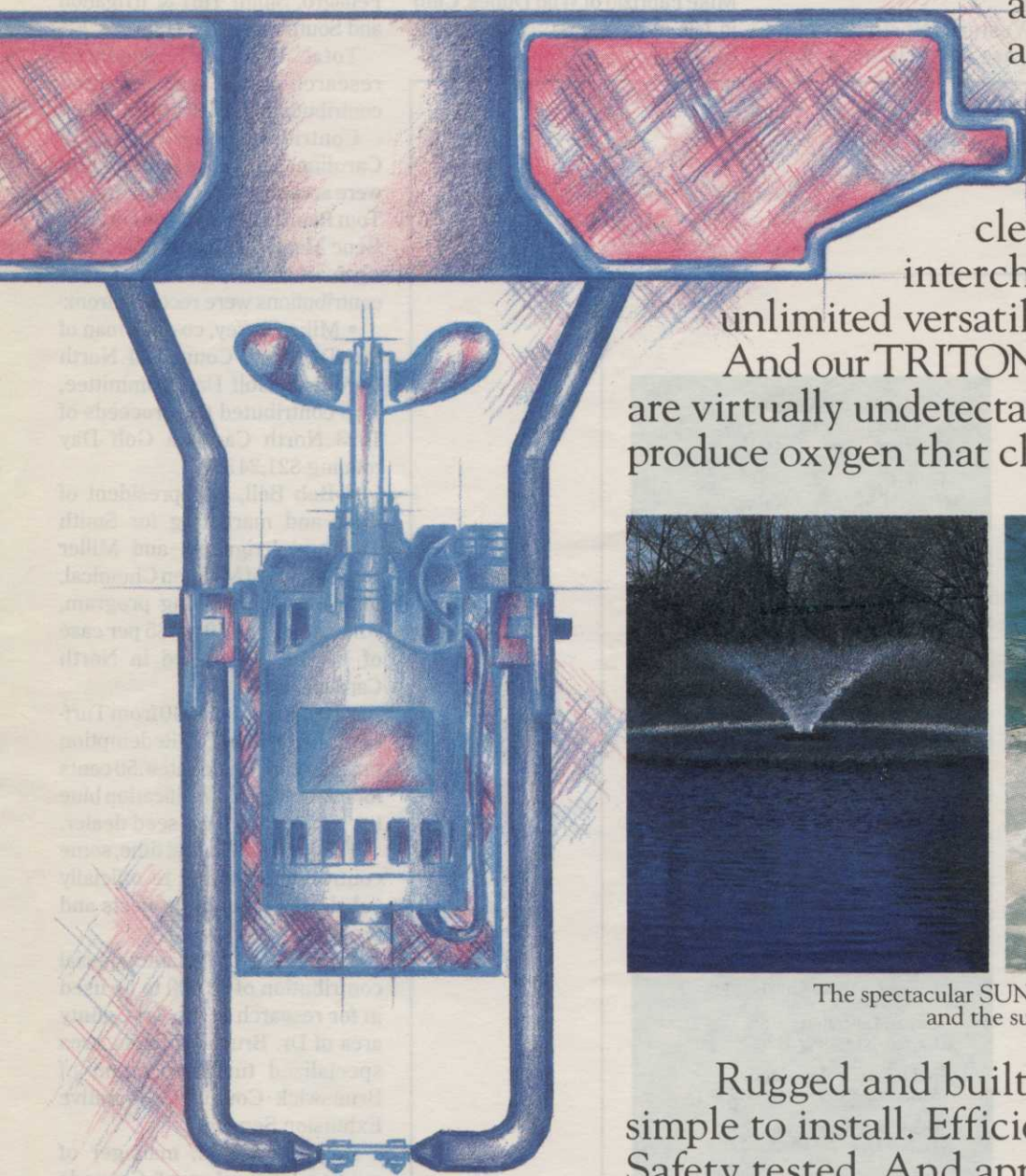
Before water can enhance a landscape, it has to be healthy. The results of poor water management can be unsightly, smelly and costly.

Otterbine quality water management keeps ponds and lakes sparkling, clear and odor-free. Naturally, efficiently, and beautifully.

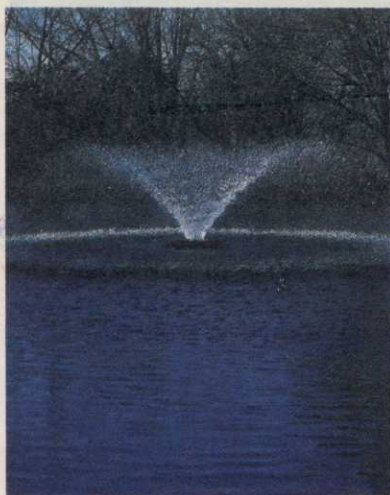
Otterbine CONCEPT₂ surface aerators give nature a boost by stimulating natural water cleanup processes. They offer interchangeable spray patterns for almost

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.



Otterbine aerators, designed to move high volumes of water, are built for years of dependable service.



The spectacular SUNBURST₂ from Otterbine's versatile CONCEPT₂ 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.

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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GOLF COURSE



EXPO

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ORLANDO, FLORIDA
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- ☐ My company would like to purchase exhibit space—please send me more details

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Advanced Applicator is a Cost-Effective Solution for Spot Treatment.

The Pro-Ap™ is the only hose-end, liquid siphoning applicator specifically designed for golf course use. The refillable Pro-Ap container holds one quart of Hydro-Wet RTA, the "Ready-To-Appl" wetting agent formula.

Hydro-Wet RTA alters water's behavior while interacting with water repellent surfaces found in the soil. The superior ingredients in

Hydro-Wet RTA are attracted to organic soil coatings known to produce hydrophobic conditions. The result is increased water infiltration, absorption, and reduced severity of localized dry spot.

The Pro-Ap makes accuracy easy. Its adjustable metering dial lets the applicator choose nine additive settings or syringe only. And there's no need to water-in because the

Pro-Ap's needle valve meters just the right amount of Hydro-Wet into the water flow.

For more information on the Pro-Ap application system, circle the number below, or call Kalo, Inc., toll-free: 1-800-255-5196.

CIRCLE #160



Convenient, cost-effective Pro-Ap delivers consistent, measured quantities of Hydro-Wet RTA—treats 1,000 sq. ft. in less than one minute.

Simple Test Identifies Hydrophobic Soils.

It is nearly impossible to visually identify hydrophobic soils, but there are several simple tests for determining their presence. The following was included in a 1989 article by Keith Karnok and Kevin Tucker of the University of Georgia.

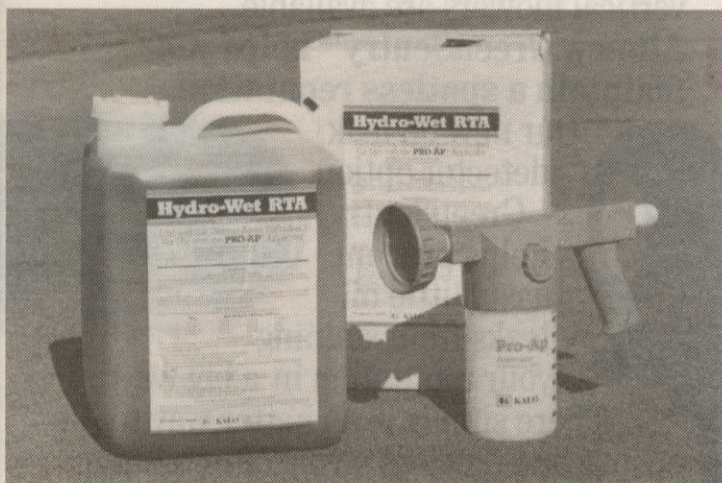
"This test . . . simply involves the placement of small drops of water along the length of intact soil cores at

1/2 inch intervals. The length of time (seconds required for the droplet to penetrate into the core) is recorded. Penetration times greater than 10 to 15 seconds usually indicate a hydrophobic condition."

(The average water droplet penetration times from healthy areas is usually less than 3 seconds.)

Golf Course Management, August 1989.

CIRCLE #161



Hydro-Wet RTA is the proven turf wetting agent formulated for application with the Pro-Ap hose-end applicator.

Getting the Drop on Localized Dry Spot.

In mid-summer, golf courses turn into battle grounds as superintendents fight to maintain those lush fairways and greens. The battle heats up even more when you have to deal with increased traffic, changing attitudes toward the use of chemicals and restrictions on water use.

One of the scars of this battle is localized dry spot (LDS). What is most perplexing is that LDS symptoms may occur even after normal irrigation.¹

LDS is most prevalent on greens built mainly of sand and established to bentgrass. It's caused by fungi which leave a non-organic coating on sand particles. Once soil moisture levels begin to decrease, water runs off the turf, leaving the soil dry and powdery. This hydrophobic condition makes rewetting

difficult. If left untreated, LDS can result in turfgrass death.²

Short and long term management practices to minimize the severity of localized dry spots include: syringing, coring and the use of wetting agents.² Wetting agents can reduce LDS by improving the ability of water to bond with these sand and soil particles. They can also increase the wettability of thatch.³ Preventive applications give the best results, but curative applications can also be effective.

¹Karnok, Keith and Tucker, Kevin (University of Georgia), "The Cause And Control Of Localized Dry Spots On Bentgrass Greens," *Golf Course Management*, August 1989.

²Danneberger, Karl, PhD (Ohio State University—Columbus), "Those summertime blues: Localized dry spots," *Grounds Maintenance*, May 1987.

³Carrow, Robert, PhD (University of Georgia), "Understanding Wetting Agents," *Golf Course Management*, June 1989.

CIRCLE #162

Cure Dry Spots.

Call Kalo now at 1-800-255-5196 to find out how you can qualify for a free Pro-Ap* applicator with the purchase of Hydro-Wet RTA.

Hydro-Wet®
Keeps Water in Its Place.

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*\$89.95 commercial value. Subject to distributor participation.

CIRCLE #163



Jacobsen exclusives help deliver a smooth as silk cut.

In head-to-head comparisons, the LF-100 delivered superior fairway mowing, in all kinds of grasses.

Our exclusive heavy-section, 22" reels, combined with our unique, dual-spring down pressure system, follow ground contours closely for a smooth manicured cut. Even at production mowing speeds of more than 5 mph.



Lightest footprint.

The LF-100 has the lightest footprint in the industry for minimal compaction even on the softest fairways.

Yet it's heavy on quality features. Including a durable, high efficiency diesel engine. Rugged, field-proven chassis with heavy-duty lift arms. High capacity catchers. Plus, "on demand" 4WD, exclusive Turf Groomer® fairway conditioners and vertical mowers are available.

All-new GreenSentry™ helps you maintain a spotless reputation.

Our new oil leak detector option —GreenSentry— helps prevent nasty little oil leaks from staining your reputation in a big way.



There simply is no better way to ensure one flawless swing after another on fairways. Contact a Jacobsen distributor today and prove it to yourself with a demonstration.

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FAIRWAY CHAMPION.