

better TURF™

**Comes With Pendulum AquaCap.
Can You Guess What Doesn't?**



Our patented technology makes **Pendulum® AquaCap™** herbicide easier than ever to handle, mix and clean up — with reduced staining potential and virtually no odor. Add in the proven, unbeatable broad-spectrum control supers have relied on for years and you've got no complaints from your crew ... *or* your golfers

**Find out more: turffacts.com
Find a turf care supplier:
800-545-9525**



**We Don't Make The Turf.
We Make It Better.™**

 **BASF**
The Chemical Company

Always read and follow label directions.
Pendulum is a registered trademark and AquaCap, Better Turf and We Don't Make The Turf. We Make It Better. are trademarks of BASF.
© 2007 BASF Corporation. All rights reserved. APN 07-14-002-0024



Post-Patent Exploits

Superintendents turn to generics to save money

BY DAVID FRABOTTA
SENIOR EDITOR

The incredible shrinking budget. It's the reason superintendents are using more post-patent chemicals.

About two-thirds of superintendents apply generic pesticides to their golf courses, and about one-third spend half of their total chemical budget on post-patent products, according to a 2006 *Golfdom* survey of 495 superintendents (for methodology, see page 48).

Of those who use generic pesticides, 93 percent say the primary reason is cost.

"My responsibility as a manager is to take a look at this from a business standpoint of the financial responsibility of the club," says Chris Gray, director of golf course operations at the Marvel Golf Club at Kentucky Lake in

Benton, Ky. "If I can get the same protection for \$25,000 or \$30,000 less, then we're obligated to take a look at that."

Post-patent herbicides have been used for some time now, but superintendents have a real opportunity to save money by using generic alternatives of higher-priced name-brand fungicides. Of those who use post-patent fungicides, almost one-third spend at least 50 percent of their fungicide budgets on generic products, according to the *Golfdom* survey. And trend data suggest they will use more each year if they believe generic products can perform as well as their name-brand counterparts (see chart, page 43).

More than 60 percent of respondents said they increased their use of post-patent products at least 25 percent from 2004 to 2005



Of those superintendents who use generic pesticides, 93 percent say the primary reason is cost.

Generic Fungicide Use

In 2006, we asked superintendents, what percentage do you plan to increase your generic fungicide use? Here's how they responded:

- **29.4%** of superintendents said they plan to increase usage by 10%.
- **16.7%** of superintendents said they plan to increase usage by 20%.
- **11.2%** of superintendents said they plan to increase usage by 30%.
- **10.3%** of superintendents said they plan to increase usage by 40%.
- **12.1%** of superintendents said they plan to increase usage by 50%.
- **4.8%** of superintendents said they plan to increase usage by 60%.
- **4.8%** of superintendents said they plan to increase usage by 70%.
- **4.2%** of superintendents said they plan to increase usage by 80%.
- **3.6%** of superintendents said they plan to increase usage by 90%.
- **2.7%** of superintendents said they plan to increase usage by 100%.

(see top chart, page 46). Nearly 50 percent said they believe generics are as good or better than the original brand (see bottom chart, page 46).

"I would say they are just as good as the name brands," says Doug Terrell, the certified superintendent of Deer Brook Golf Club in Shelby, N.C.

Terrell has been using generics for about three years on all 18 greens in the transition zone. His modest budget of \$350,000 was the main reason he switched to generics, and he estimates he saves about 10 percent to 15 percent versus the price of name-brand products.

Terrell's use exemplifies a growing number of superintendents willing to use generic products on their precious greens.

Many superintendents reason that if they are willing to give their children generic pharmaceuticals, then why not their putting greens?

Tees and fairways long have received post-patent products to help mitigate costs over the large-acreage portions of the golf course. But ever-increasing budget constraints and well-proven fungicide formulations of generic products has made superintendents willing to use them on their most treasured turf as well.

Chlorothalonil and iprodione are among the chemistries that have been off patent long enough in different generic formulations to establish a good track record, and many

superintendents are happy with their respective performances.

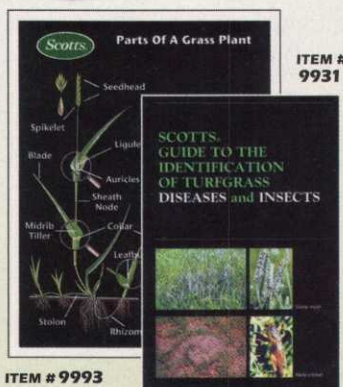
Jim Tollefson, certified superintendent
Continued on page 46

It's crucial to test generic products to gauge how different formulations might vary in different climates and locations.

BUGGED BY PESTS? Get to the root of the problem!

Weed out your turf care problems with

Scotts PROFESSIONAL IDENTIFICATION GUIDES



Quickly and easily identify and diagnose pests, diseases and weeds with Scotts® Identification Guides.

Used by lawn care professionals throughout the world, Scotts® Identification Guides feature full color photos and illustrations that accompany comprehensive, easy-to-read text.

Contact Scotts® today at www.scottssti.com to order these invaluable resources.

KNOWLEDGE BUILDS CONFIDENCE
CTI
Scotts Training Institute®
CONFIDENCE BUILDS SALES

THE SCOTTS COMPANY LLC
14111 Scottslawn Road
Marysville, Ohio 43041
Phone: 800-221-1760, ext. 800-7429
Fax: 937-645-2590
www.scottssti.com



© 2007 The Scotts Company LLC. World rights reserved.

HONOR THE

WE HONOR THE GAME THROUGH OUR ATTENTION TO DETAIL. At Club Car, our we do. Build a relationship with us and discover how our creative business solutions can help

THE GAME.



devotion to the game — and our customers — is reflected in everything you succeed. Please visit us at www.clubcar.com. Or call 1.800.CLUBCAR.

Club Car

"Until you put [a generic product] on your golf course yourself, you won't know if it will be good or bad for your spray program."

- CHRIS GRAY

Comparing Generic Chemical Usage from 2004 to 2005

- 6.4% of superintendents said they increased usage by 100%.
- 5.2% of superintendents said they increased usage by 75%.
- 17.3% of superintendents said they increased usage by 50%.
- 32.7% of superintendents said they increased usage by 25%.
- 33.9% of superintendents reported no change in usage.
- 3.0% of superintendents said they decreased usage by 25%.
- 0.6% of superintendents said they decreased usage by 50%.
- 0.6% of superintendents said they decreased usage by 75%.
- 0.3% of superintendents said they decreased usage by 100%.

Continued from page 43

of A-Ga-Ming Golf Course in Kewadin, Mich., has used post-patent products on his entire golf course since 1994. He says he saves about 20 percent in his fungicide budget versus buying name-brand products.

But it's crucial to test generic products to gauge how different formulations might vary in different climates and locations. For superintendents who deal with several microclimates, it's a good idea to conduct a few different test sites around the property any time new chemicals of any kind are tried on turf.

"We've had great success for many years, so I don't see any problem at all," Tollefson says. "But before I used any of them, we did a couple tests over a month to six weeks. We go right down the middle of the green to see

if there is any difference between brand A and the generic, and if we don't see any difference, then we'll usually go with the generic because prices are usually substantially less."

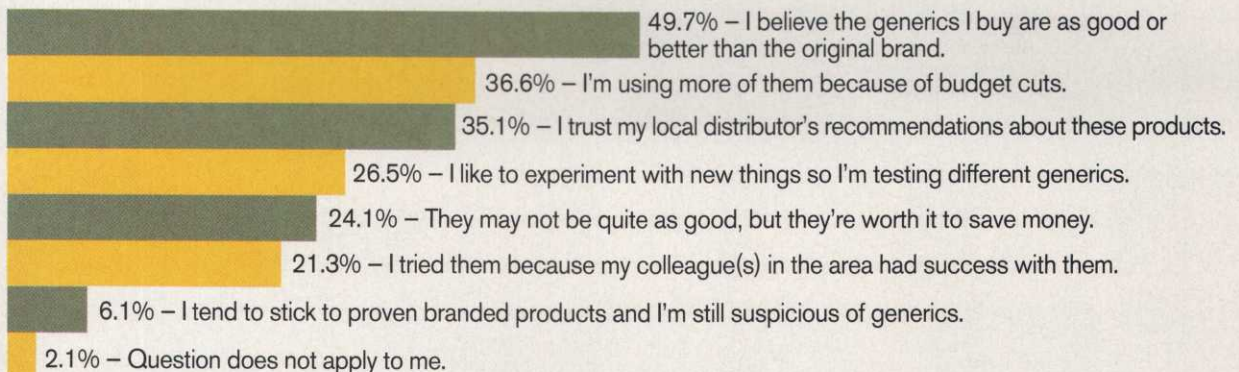
Gray says he uses generics for about 25 percent of his products on his bluegrass course.

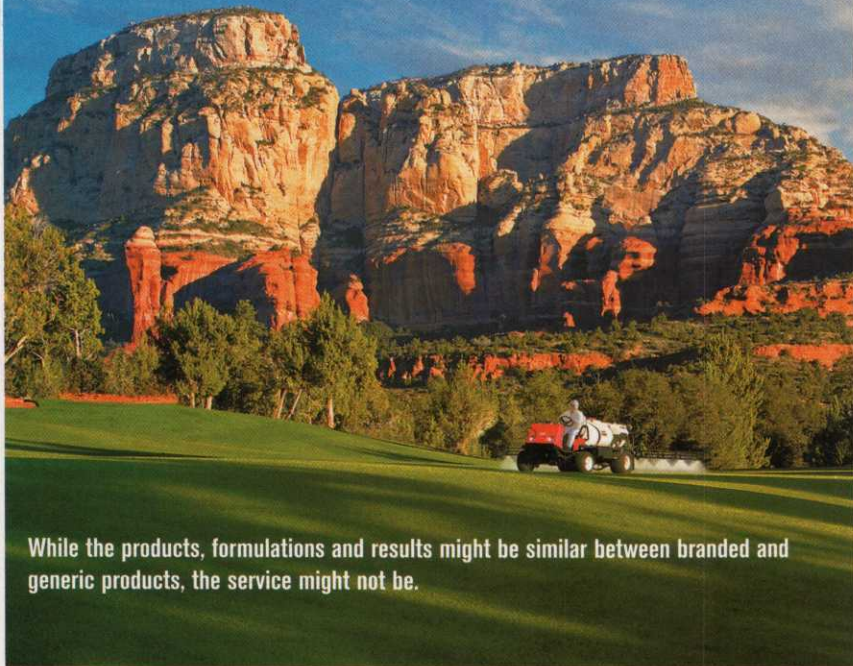
"The way things happen at university tests or your colleagues' golf courses down the road might be completely different," Gray says. "Until you put [a generic product] on your golf course yourself, you won't know if it will be good or bad for your spray program."

Gray says it's important to experiment not only for efficacy, but to make sure you're putting down the same application rate on the greens to compare apples to apples.

He says his program probably saves about 15 percent to 20 percent on the products he

Why Use Generics?





While the products, formulations and results might be similar between branded and generic products, the service might not be.

buys, but it could be a lot more if he had a bentgrass golf course.

While the products, formulations and results might be similar between branded and generic products, the service might not be.

Post-patent formulators don't have the research and technical expertise typically found with larger chemical developers, sources say. That means if you're accustomed to lobbing a call into a company for guidance or diagnostic assistance, you're probably not going to get that type of service from generic suppliers.

"The brands are definitely better with service," says Eric J. Feldhusen, superintendent of Persimmon Country Club in Gresham, Ore. "You can get a hold of company reps. If I'm dealing with disease on my greens, it's worth the extra price."

So most superintendents hedge their bets by purchasing their generic products through trusted and reputable distributors. It was a saving grace for Tollefson a few years ago.

"We've only been burned one time," he says. "After several years of using the product, we think they did a different formulation. We ended up having the distributor take the product back, but it's

the only time in 13 years. I don't know how good of support we would have had from the company that actually made the product, but if you have a good distributor, it shouldn't be a problem."

But large chemical companies with branded products give more than just product guarantees and help with disease diagnosis. They also offer continuing education opportunities via product training seminars and sponsorships of professional association meetings. They're also the only ones conducting research and development, which helps build the foundation for future turfgrass maintenance programs.

So there is some concern among superintendents that widespread adoption of post-patent chemicals could force longstanding sponsors to moderate their industry support.

"It really comes down to three different areas when I'm evaluating between generic and branded," Gray says. "No. 1: effectiveness of the chemical. Am I going to get the same amount of coverage and protection with a generic that I normally get with a branded product? No. 2 is price. And No. 3 is support, which is kind

Continued on page 48

IR

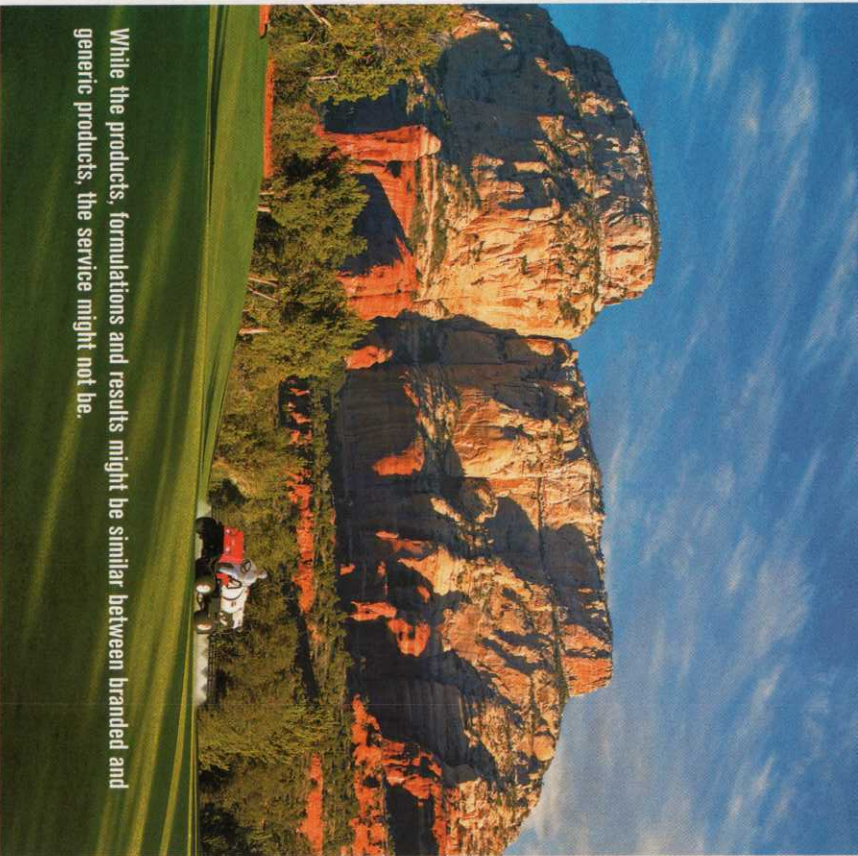
HONOR THE GAME.

START EARLY. WORK LATE. IT DOESN'T MIND AT ALL. Introducing the new Carryall Turf 252 with the exclusive IQ Plus System.™ With IQ Plus you don't have to plan your day around the life of your battery. The high output charger, controller, onboard computer and battery system give you fast charging — and superior power and range. How can we help your operation succeed? 1.800.CLUBCAR

Club Car

www.clubcar.com





While the products, formulations and results might be similar between branded and generic products, the service might not be.

buys, but it could be a lot more if he had a bentgrass golf course.

While the products, formulations and results might be similar between branded and generic products, the service might not be.

Post-parent formulators don't have the research and technical expertise typically found with larger chemical developers, sources say. That means if you're accustomed to lobbying a call into a company for guidance or diagnostic assistance, you're probably not going to get that type of service from generic suppliers.

"The brands are definitely better with service," says Eric J. Feldhusen, superintendent of Persimmon Country Club in Gresham, Ore. "You can get a hold of company reps. If I'm dealing with disease on my greens, it's worth the extra price."

So most superintendents hedge their bets by purchasing their generic products through trusted and reputable distributors. It was a saving grace for Tollefson a few years ago.

"We've only been burned one time," he says. "After several years of using the product, we think they did a different formulation. We ended up having the distributor take the product back, but it's

the only time in 13 years. I don't know how good of support we would have had from the company that actually made the product, but if you have a good distributor, it shouldn't be a problem."

But large chemical companies with branded products give more than just product guarantees and help with disease diagnosis. They also offer continuing education opportunities via product training seminars and sponsorships of professional association meetings. They're also the only ones conducting research and development, which helps build the foundation for future turfgrass maintenance programs.

So there is some concern among superintendents that widespread adoption of post-parent chemicals could force longstanding sponsors to moderate their industry support.

"It really comes down to three different areas when I'm evaluating between generic and branded," Gray says. "No. 1: effectiveness of the chemical. Am I going to get the same amount of coverage and protection with a generic that I normally get with a branded product? No. 2 is price. And No. 3 is support, which is kind

Continued on page 48

HONOR THE GAME.



START EARLY. WORK LATE. IT DOESN'T MIND AT ALL. Introducing the new Carryall Turf 252 with the exclusive IQ Plus System.™ With IQ Plus you don't have to plan your day around the life of your battery. The high output charger, controller, onboard computer and battery system give you fast charging — and superior power and range. How can we help your operation succeed? 1.800.CLUBCAR

Club Car

www.clubcar.com



Continued from page 47

of sticky because it has to do with not only my support if I have a problem here, but also industry support.

"If everyone goes to the generics, then the companies who traditionally have supported the industry are going to need to back off of that," Gray says. "So there could be some

far-reaching effects. It makes you think when you are making a purchase about the effects to the overall industry. Some people don't see those far-reaching effects, and some only see the far-reaching effects."

But could those far-reaching effects be academic in an era of smaller budgets and heightened expectations for golf course conditions?

"The brands are definitely better with service. ... If I'm dealing with disease on my greens, it's worth the extra price."

- ERIC J. FELDHUSEN

Not all superintendents can give all the issues the same weight when considering which products to buy.

"The industry support is an issue," Terrell says. "Unfortunately, I'm in a situation where I need to do my job as cheap as I can, and that's the main reason we switched." ■

patented **impermeable** protection • **ripstop** reinforcement

an impermeable barrier
between your turf & the winter elements!

greenjacket®

- Minimizes temperature fluctuations & protects against ice damage, crown hydration and desiccation.
- Lightweight and durable—years of easy installation & storage.

for more details and free samples
GreenJacket.com or 888-786-2683

millions of square feet of turf protected • see photos & research results online

2007 Empire State Green Industry Show

November 13-15, 2007

Rochester Riverside Convention Center
Rochester, NY

For more information visit our web site:

www.nysta.org

or call (800) 873-8873 or (518) 783-1229

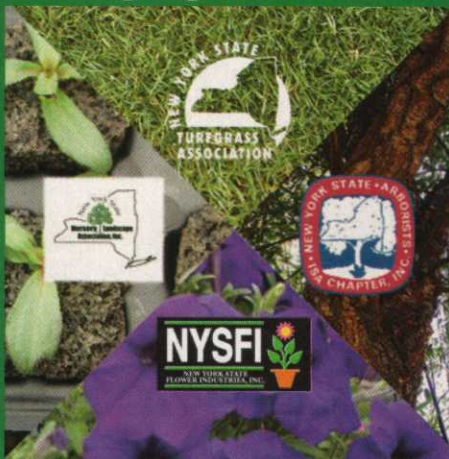
**43 NYSDEC
Credits Offered!**

**1.85 GCSAA
Education Points!**

**1.85 STMA
CEUs Offered!**

NYSTA Annual Meeting

Growing Together...



Growing Stronger

Research Updates

Buy 3 - Get 1 FREE
Trade Show Passes

Trade Show Demonstrations

NYSTA New Member
Orientation

Green Industry Careers

Comprehensive Professional
Development Program
Exclusively for the
Green Industry

Recertification Credits
Available for: NYSDEC, MA,
PA, RI, VT, GCSAA, PGMS,
NYSPRS, ISA, STMA
and NYSN/LA

About the Survey

Golfdom surveyed 495 of its readers (3.6 percent response rate) about their use of generic chemicals. The e-mail survey was in the field for 30 days, and a chance to win two \$100 American Express gift cards were offered as incentives.

Eighteen percent had maintenance budgets more than \$1 million; 15 percent had maintenance budgets more than \$750,000; 22 percent had maintenance budgets more than \$500,000, and 28 percent had maintenance budgets between \$250,000 and \$500,000.

Most (72 percent) work at 18-hole courses. Forty percent work at private courses, 29 percent at private courses, 17 percent at semi-private courses and 14 percent at municipal courses. Thirty-four percent of respondents were age 45 to 55, while another 33 percent were age 35 to 45. Many had worked in the golf industry for 10 to 20 years (40 percent) or 20 to 30 years (31 percent).

Delivering Value

Developing Great Relationships For Over 35 Years!

Delivering value is the foundation on which Target has built its reputation.

Target Specialty Products is proud to be the leading distributor of specialty agricultural chemicals, application equipment, supplies, services and education in the West. We recognize that in order to meet the needs of today's demanding golf industry, we must deliver more than just product.



Since 1969 Target has brought value to its customers in the many ways, including: experienced staff, consistent delivery, informative training programs and seminars, and over 6,000 products.



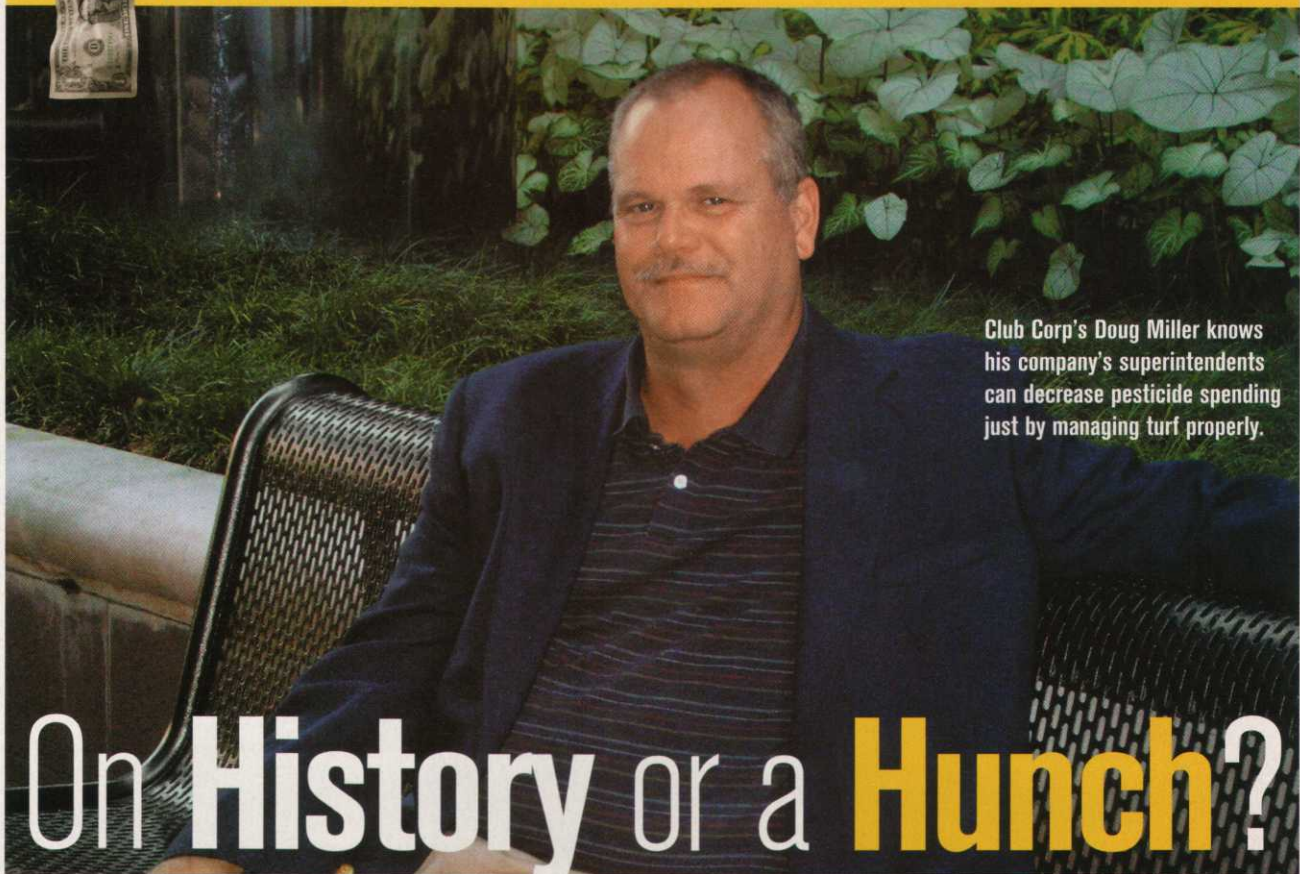
SPECIALTY PRODUCTS
Delivering Value



SANTA FE SPRINGS HOME OFFICE:
15415 Marquardt Avenue, Santa Fe Springs, CA 90670

FRESNO, CA (800) 827-4389 SAN JOSE, CA (800) 767-0719 TEMPE, AZ (800) 352-5548 SAN MARCOS, CA (800) 237-5233 PORTLAND, OR (877) 827-4381 SACRAMENTO, CA (800) 533-0816

VISIT OUR WEBSITE AT WWW.TARGET-SPECIALTY.COM



Club Corp's Doug Miller knows his company's superintendents can decrease pesticide spending just by managing turf properly.

On History or a Hunch?

Superintendents discuss their strategies to budget for pest management

BY ANTHONY PIOPPI
CONTRIBUTING EDITOR

In his role as vice president of golf course management for Club Corp., Doug Miller knows that correctly managing the pesticide budgets at the company's 160 golf courses can save thousands of dollars. But he is also aware that skimping on chemicals and applications can be devastating to the turf and, therefore, the quality of the golf course. He says the key to this business equation is to trust the individual superintendents to do their jobs.

"A lot of our guys have been at the facilities a lot of years," Miller says.

Through their experiences they know the weather patterns, the signs of impending disease outbreaks and the timing needed for preemptive applications. Club Corp. superintendents also have the added advantage of

having five regional agronomists behind them. Miller, though, says he and the agronomists know not to meddle, letting individual superintendents make decisions.

"We do not dictate plans; we try not to micromanage," he says. "We try to hire good guys who know what they are doing."

Sometimes, the superintendents Club Corp. hires can reduce expenses just by managing the turf properly, thereby reducing pesticide applications. In one such example, water use at a desert course was reduced \$10,000 per four-week period.

Mike Brower has been the certified superintendent at Minnesota Valley Country Club in Minneapolis for seven years. In that time, his pesticide budget has remained at \$53,000 per year, an immense source of pride

Continued on page 52

PHOTO BY: COURTESY OF CLUB CORP.