RELIABLE

- Chemical
- manufacturers
- support
- superintendents
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RESOURCES

eeling more pressure from companies selling generic pesticides in the golf market, chemical manufacturers continue to focus on distinguishing themselves not only by the products they make but also by the support – aside from research – they provide the industry and golf course superintendents.

Bayer Environmental Science offers a solutions approach to golf course superintendents to address their individual problems.

"If you look at a golf course superintendent, he's providing a revenue stream, so we want to help make sure that course is at or above expectations," says Scott Welge, director of marketing for the green professional business. "For each situation, we build programs, and we're never afraid to recommend a competitive product if that product works best in a program approach. But we're not just selling a product, we're selling a solution. It's your reputation on the line. We're trying to establish and extend long-term relationships – that's what it's all about.

"If you look at it from research and development, Bayer is all about innovation and new technology," he adds. "Our objective is to introduce new technology that adds value to golf course superintendents."

Dow AgroSciences, which has a dedicated business unit offering solutions to golf course superintendents, invests its profit in future pesticide products, among other investments.

"We continue to invest in the industry on a national and local level," says Mark Urbanowski, senior marketing specialist for the turf and ornamental business. "We invest in associations and universities to help promote golf."

Additional support comes from Dow's sales representatives and researchers, who are called on for various needs. "We're consulted a lot to help with major tournaments, especially with overseeding," Urbanowski says. "We start a year ahead. Our reps will recommend our products, as well as other company's products, so superintendents can be the best they can be. Our company culture is to help meet the needs of our customers, even if that means recommending other products. Long term, if superintendents know you're a partner, they're more likely to invite you back."

When a superintendent buys a product from Syngenta, he's buying more than just a product, according to Dave Ravel, golf market manager. Syngenta assists superintendents with such things as sprayer nozzle selection (making sure the right one is used), pesticide usage and volume rates.

"It comes down to making sure you get uniform coverage," Ravel says. "In some cases, you want the product to get down into the crown, so you would want to use a different nozzle."

The company has a tech platform, called GreenCast, which is a Web site containing information such as historical data for disease predictability and weather conditions that help superintendents make informed agronomic decisions.

"We look at what superintendents need and provide them a solution that fits their problem," Ravel says. "If we don't have a solution, it's our job to recommend something that will work."

From a historical perspective, FMC has been primarily an insecticide company, but the past three or fours years it has focused on the turf market, according to Rick Ekins, product manager for turf and ornamental.

"We're establishing close relationships and open communication with superintendents to find out what problems they can't solve or are looking for a better way to solve," he says. "Our mission at FMC is to find those product solutions that fit the needs in the golf marketplace."

The company provides support in many ways, one of which is the most basic – the telephone customer service center. Customers can call to receive product support and help with label interpretation and compliance, general use directions, spill or emergency issues, sediment testing or other service-related problems.

FMC, which has offices in Washington, D.C., also works on behalf of superintendents on regulatory- or EPA-related pesticide and application issues.

"We are very active at the legislative level, working on issues that impact our industry today and in the future," Ekins says. "We work daily to influence policies that reflect appro-



Green Start Academy is an example of Bayer's support for the industry. Photo: Bayer Environmental Science

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priate product stewardship and safety while maintaining product use reflective of what the end-user needs."

FMC also provides support for superintendents through educational workshops, some of which enable them to maintain pesticide application licenses. The company, through its field technical and sales reps, helps superintendents stay abreast of new technologies. It also performs diagnostic work for them.

> COMING IN JANUARY: Chemical manufacturers support the industry through research

and field reps.

"We're investing in the future of the superintendent's business," Ekins says. "If they have an issue they can't resolve, it's our business to find that technology. We ask, What's going to plague them in the future, and how we can fill in those performance or sales gaps now."

Although DuPont reentered the turf and ornamental market only recently (in 2004), the golf market is important to the company, says Nancy Schwartz, marketing manager for turf professional products. The company supports local and national GCSAA meetings and funds education for superintendents.

"Superintendents in many states rely on local university professors and us to introduce products and research to the golf community," Schwartz says. "Chuck (Silcox, Ph.D., the turf and ornamental product development manager,) has partnered with Patricia Vittum, Ph.D., at the University of Massachusetts to host a seminar at the 2008 Golf Industry Show. It's a new half-day seminar about turf insecticides modes of action and resistance management. We will also be sponsoring the Internet Cafe at the show to help superintendents stay connected while away from their course."

Schwartz says DuPont looks at what it can do to help superintendents. One recent example is its series of regional webcasts that provide superintendents with access to the latest industry research and insect trends from their local university researchers and DuPont scientists.

BASF is looking to meet the needs of the market, not just go to market with a product simply to talk about something, says Toni Bucci, business manager for the T&O division of the agriculture division. One of the four pillars of the company's business model is helping customers be more successful. The T&O division provides online training for end users and distributors, helps distributors market products and helps them manage their business. Overall, the company tries to be proactive.

"We need to anticipate the hot topics that affect pesticide use," Bucci says.

Cleary Chemical's business philosophy is



based on forming partnerships with its customers. As an owner/operator of its own golf course for the past 53 years, Cleary understands the challenges superintendents face first-hand, says president Mary Ellen Warwick.

"By really listening to the ideas and suggestions of superintendents, we've been able to develop products and support programs that get results," Warwick says.

ADDITIONAL SUPPORT

Green Start Academy, an educational program for assistant superintendents, is another example of Bayer's support for the industry.

"There's very little product-sales-type information presented," Welge says. "It's more focused on such topics as best management practices, water and resource management, networking opportunities, and interaction with industry-leading golf course and grounds directors who are available to provide feedback and address issues such as career development."

Bayer also has been sponsoring five superintendents to attend the GIS. These are superintendents who haven't attended in the past two years and are financially challenged to attend.

Chemical manufacturers stress the importance of the solutions to problems, not just pesticides, they provide superintendents.

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"If we don't have a solution, it's our job to recommend something that will work." - DAVE RAVEL

On a more local level, the company also supports superintendents by sending turf samples to a

sponsored lab to identify specific pathogens. "Most of the time, our products are the best choice to combat the specific pathogen, but sometimes they're not," Welge says. "This is solution oriented where we want to provide what's best for the superintendent's individual problem."

Nationally, Dow is involved with the GCSAA, Project Evergreen (a nonprofit organization representing the green industry) and the Responsible Industry for a Sound Environment (a not-for-profit trade association representing producers and suppliers of specialty pesticides and fertilizers). Locally, it supports the industry by devoting time and money to help superintendents with their jobs. Industry support beyond the local level includes research and development and sponsoring Web-based e-learning organized by the GCSAA and the Environmental Leaders in Golf awards program.

Dow also works to keep necessary pesticide products, such as 2,4-D, on the market.

"2,4-D is in almost all broadleaf herbicides," Urbanowski says. "Superintendents might not know all the work Dow does to keep certain tools on the market."

Cleary's support includes its Web site and monthly newsletter, which provide superintendents the most current research, disease and regulatory information. The Web site and newsletter also help superintendents with spray programs.

"We field 100 calls a week from superintendents and those in the greenhouse industry," Warwick says. "We can take samples from superintendents, take them to universities and return to the superintendents with solutions."

As one of the oldest manufacturers in the industry and one of the founding members of the GCSAA, Cleary is a long-time supporter of the golf course industry. The company has given scholarships to Rutgers students the past five years, is a member of all industry associations and donates to the Robert Trent Jones endowment fund for people pursuing careers in golf course management.

Warwick says superintendents can always pick up the phone and call the company for help.

"If you have a problem, we'll help you get through it," she says. "Between our field and technical support staff and our relationships with other superintendents, we'll solve it together."

SPECIFIC EXAMPLES

Chemical manufacturers can be a reliable resource to help superintendents in need. For example, a superintendent had a sprayer compatibility problem with a Bayer product while tank mixing, which can produce less-thandesirable results, Welge says.

"We sent actual product and water samples to our Clayton Development & Training Center, and it turned out the superintendent's water pH level was extremely high, which was affecting the performance of the product."

In a different situation, a superintendent was working with his green committee, discussing green speed, *Poa annua* and bentgrass. The superintendent called a Syngenta sales rep for support. The rep confirmed the superintendent's observations, which allowed the superintendent to move on with support of his green committee.

In a separate instance, a superintendent had an issue with odor from a tank-mixed application, so he called DuPont for advice, and the company leveraged its relationship with the University of Wisconsin and professor Chris Williamson, Ph.D.

"We concluded that a mixture of products caused the odor," Silcox says.

Some superintendents travel to FarmLinks in Sylacauga, Ala., for solutions to their problems, and because BASF is now a partner with FarmLinks, the company can offer help. In other instances, the problem can be application related.

"When we launched Trinity, a superintendent called us and said he messed up one of his greens," Bucci says. "We checked it out, and he had eight or nine products mixed in the tank. We helped him work through the problem. We'll help superintendents with a problem even though it's not caused by a BASF product."

Ekins offers another example.

"Last summer, we responded to a turf injury call with our sales representative and two field technical service representatives to investigate the cause of injury," he says. "Quick response and a vast knowledge base among our field reps helped gain an understanding of the situation and provide the superintendent with answers to his questions. We discovered the cause and recommend a resolution that worked.

"We strive to establish our field personnel as resources so superintendents can get valid, reliable, timely information to help them deal with their problems," he adds. "If you establish yourself as a go-to person, those calls will happen more often." **GCI**