

*Now you have the
option of a granular
product based on
Primo®
for regulating
turf growth!*



Introducing **Governor™**

The Only Granular Product Based on Primo®

Governor™ provides the benefits of a turf growth regulator and convenience of a granular application.

Using Governor™ can be valuable in these ways:

- To help reduce expenses for mowing labor and equipment maintenance
- Whenever a granular application is preferred over spray applications of a turf growth regulator product
- When mowing operations conflict with frequent golf play, athletic events, or other outdoor events of extended duration

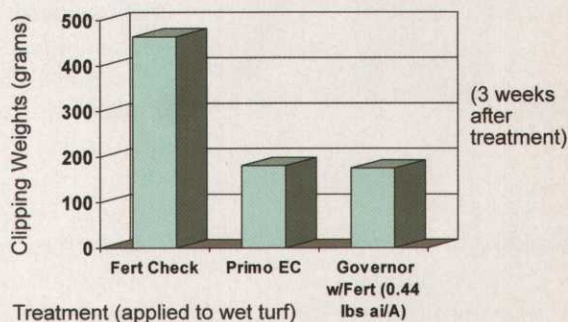
The active ingredient in Governor™ (trinexapac-ethyl) is time-tested by years of extensive use on golf courses and commercial lawns and landscapes.

Governor™ offers you these benefits:

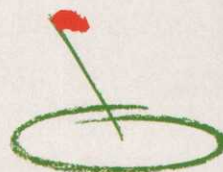
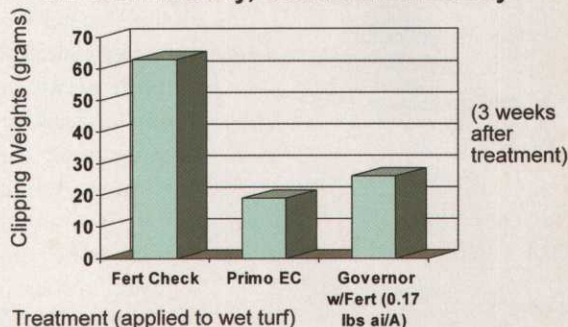
- Reduces clippings by up to 50%
- Allows for a longer interval between mowings
- Redirects grass growth energy into roots and shoots, improving turf density, durability and color
- Frequently reduces watering requirements
- Will not harm neighboring plants
- Seed germination is not affected. It doesn't kill the grass or other plants like other chemical edger products can
- Contains same active ingredient as Primo Maxx

For more information, contact your local distributor or call your Andersons Territory Manager at 800-253-5296

Efficacy on Perennial Ryegrass Dr. Mahady, Pebble Beach, CA



Efficacy on Tifway Bermudagrass Dr. Bert McCarty, Clemson University



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What's New?



By the Numbers

Figures from last year's first Golf Industry Show, according to the GCSAA:

Attendance – 22,723

Exhibitors – 826

Net square footage – 270,760

Qualified buyers – 8,150

Continued from page 70

the key to the Gator. Then they should stop by BASF's booth to see if it's the key that starts the Gator. If it is, that lucky superintendent can drive it home.

◀ In water we trust

Eagle One Golf Products will display its water dispensing station that uses "trusted" bottled water, the company says. Replacing typical insulated coolers, two 5-gallon water bottles supplied by an independent service are enclosed in a recycled plastic house. The bottles feed clean water via pipe work through a cooling coil to the dispensing spigot. This innovative design is the joint result of New Hampshire golf superintendent Ed Correia and Eagle One.

On the chemical front

Bayer Environmental Science recently received registration from the EPA for use of Allectus insecticide on fertilizer. The company previously received registration for Allectus G and Allectus SC insecticides. Formulators may now sell blended products containing fertilizer impregnated with Allectus.

Syngenta Professional Products has launched a new Web site, www.daconil.com, to provide superintendents with resources about Daconil fungicide. The site also offers labels and MSDS sheets for each of Daconil's three formulations: Daconil Zn, Daconil ULTREX and Daconil Weather Stik.

Cleary Chemical says its re-engineered 3336 fungicide lasts up to 50 percent longer on fairways under most golf course conditions. The company's new 3336 Plus fungicide features ClearTec Activation Technology (CAT), an innovative process that works specifically with 3336 and changes the way the chemical interacts with the plant and disease. Cleary says the reduced amount of thiophanate-methyl in 3336 Plus lets superintendents spray twice as often and still meet the (revised) EPA guidelines regarding maximum use.

The Andersons says superintendents now have the option of a granular product based on Primo for regulating turf growth. The company offers Governor, which provides the benefits of a turf growth regulator and the convenience of a granular application.

Using Governor can help reduce mowing labor expense and equipment maintenance, the company says.

Kestrel fungicide is the latest addition to the expanding product line from **Phoenix Environmental Care LLC**. Kestrel is used to control dollar spot and other diseases. Kestrel offers up to 28-day control, is virtually odor free and can be used at low rates.

For the first time ever, **Dow AgroSciences** says it will take booking appointments for application of Curfew soil fumigant at its booth at the GIS. Dow will also give away a new plasma screen television to one lucky winner who does a booking.

In SYNC

Precision Laboratories believes it has created a new category in the golf turf market with the recent introduction of its new product, SYNC. Several years in the making, SYNC is the first activator adjuvant specifically designed for the turf industry to enhance the performance and lengthen the disease control of systemic and contact fungicides, at reduced spray carrier volumes, the company says.

Spinning

Ty-Crop offers a twin-spinner for its ProPass 180 that utilizes new technology created to expand the versatility of the spinner's already proven light and frequent performance. The spinner delivers consistency across the entire spread width.

Look mom, backwards

Standard Golf Co. says its new Magnum Harvester Ball Picker is the only gang picker in the world that goes forward and backward without tangling or damaging the gangs, saving superintendents time and money when picking their courses' ranges. Available in three-gang or five-gang pickers, the Magnum Harvester Ball Picker has swiveling gangs that reach under trees and sweep close to yardage markers.

More power than a . . .

The Toro Co. says the increased hydraulic flow of its enhanced Dingo 323 compact utility loader translates into added power, allowing

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STAY THE COURSE WITH A STRONGER MANAGEMENT TEAM

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And when both of you are members, your team can cover twice the ground.

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Continued from page 72

operators to complete jobs quicker and more effectively than with previous models. Offering more flow from the high-flow pump, the updated Dingo 323 is a compact power plant that produces 10.8 gallons per minute of flow at 3,250 psi of hydraulic pressure.

The Bobcat Co. introduces its latest line of compact loaders — the K-Series. New features of the K-Series include a hydraulically powered cooling fan for more efficient and quieter operation, according to the company.

◀ The underground

Rain Bird Golf now offers the Underground Hose Reel, designed to maximize labor efficiency and allow for easy hand-watering access. Rain Bird's newest addition to its hose reel product line, invented by former superintendent David Mihailides of Reelcraft Industries, offers superintendents a retractable hose reel that can be buried on a golf course for convenient, targeted water applications near turf or ornamentals that need it most.

◀ Freeze gopher

Bell Laboratories offers its newest pesticide — **RODENT RID** — to control outdoor pests. Developed to control moles, pocket gophers and ground squirrels, it contains 2 percent zinc phosphide formulated with human food-grade ingredients for a palatable bait. Once consumed, the bait acts quickly, killing pests in as little as 24 hours. Bell also offers **TALPIRID**, a mole bait designed, developed and scientifically proven to kill moles.

For your greens

Advanced Aeration Systems offers the RZ-Aer sub-surface aeration system, which uses sensor-based automated controls to provide a steady stream of real-time data and historical analysis about the conditions of a green's soil profile. The system uses the company's patented TerraSource Technology to wirelessly network to communicate vital root zone data. The software monitors and regulates oxygen, moisture and temperature.

John Deere offers a new verticutter attachment for the Aercore 800 Aerator. The verticutter attachment may be fitted to any Aer-

core 800 machine equipped with the 25-horsepower Kohler Command Series engine. For golf courses that aerate and verticut as part of the same practice, the Aercore 800, equipped with the new attachment, allows for both aerating and verticutting operations to be performed simultaneously.

Profile Emerald Greens Grade is a green-colored, porous ceramic topdressing material for sand-based greens and tees. It's used to permanently modify root zones by delivering a balance between air and water holding pore space. Greens Grade works continuously in the soil to solve and prevent problems associated with compaction, poor drainage and poor water and nutrient retention, the company says.

Fresh air ▶

SISIS says its new **AER-AID SYSTEM** enables turf professionals to give their turf a blast of air every time they aerify. The camtrigger system ensures the air is always expelled at the bottom of the tine penetration, ensuring a targeted, precise and constant working depth.

Planting the seeds

Turfco will showcase its new **TriWave 60** overseeder. The result of more than three years of development in partnership with superintendents nationwide, the TriWave 60 features several patent-pending technologies including three independent floating heads, proprietary seed delivery system, infinite depth adjustment and "wave design" blades.

While on the topic of seeds, the talk at **Turf Merchants'** booth will include **Benchmark DSR** creeping bentgrass, the company's new variety for dollar spot resistance. Benchmark features a dark-green color and fine leaf texture. ■



NEW

THE NEXT WAVE IN SEEDING IS HERE!



Introducing the Turfco® TriWave™ 60 Seeder. Innovation That'll Save Your Grass!

- Patent-pending **floating heads** follow the ground contour—you won't miss the low spots and you won't destroy the high spots or sprinkler heads.
- Patent-pending **WaveBlade™ technology** creates optimum slit width for improved seed-to-soil contact while minimizing turf disruption.
- Patent-pending **seed delivery system** puts seed directly into the slit, reducing seed waste and increasing germination.
- Patent-pending **depth adjustment** allows for infinite, in-field adjustment to suit your specific needs. (No tools required.)
- Close **1-1/2" spacing** increases germination with fewer passes.

TriWave


If you need to seed, you need to see the TriWave™ difference.
Call 1-800-679-8201 to arrange a **FREE DEMO** from your Turfco Distributor today!



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When to Water



Superintendents must be cautious with their irrigation practices to avoid turf disease breakouts

By Larry Aylward, Editor in Chief

Thanks to modern irrigation, Joe Hubbard doesn't have to sleep on his desk anymore. Hubbard recalls the days when his desk sometimes doubled as his bed when he was the superintendent of Goose Creek Golf Club in Leesburg, Va., from 1988 through 1992. The course featured a manual irrigation system with 38-year-old galvanized pipe for the irrigation lines. So on those summer nights of heat and high humidity, Hubbard would sleep on his desk for a few hours, get up in the middle of the night and water the dew off the course to prevent it from causing any turf disease.

Hubbard, now the certified superintendent of Broken Sound Golf Course in Boca Raton, Fla., says his college professors taught him to irrigate in the morning to wash away the inoculum and mycelia on turf, which forms from dew.

"But the problem was . . . when you have manual irrigation like my course had, you couldn't wait to do it until the morning," Hubbard says. "I had to start doing it during the night because our tee times started at 5:30 a.m. and one sprinkler setting was usually 45 minutes to an hour."

While technology has made it easier for superintendents to control turf disease as it relates to irrigation, superintendents still face myriad challenges in this area. They must know when and when not to irrigate turf with regard to the amount of moisture present from rain, dew, fog and humidity to avoid any turf disease breakouts.

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GTO Golfdom



...to read what the "Head Honchos" are saying about the
"State of the Golf Industry Show" and **register to win an**
Pod nano. One entry will be chosen each afternoon at
3 p.m. Winners need not be present.



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Continued from page 76

David Davis, a Crestline, Calif.-based irrigation consultant and president of David D. Davis and Associates, stresses that monitoring frequency and depth of irrigation as well as moisture retention are the keys to ground-level pest control.

"And that feeds right back into the question of over-irrigating vs. irrigating to a proper level in order to cut down on [turf disease]," Davis adds.

John Gurke, certified golf course superintendent of Aurora (Ill.) Country Club, says he's extra careful about irrigation because of Aurora's location.

"[The course] is in a very enclosed area," he adds, noting the turf is susceptible to turf disease, especially brown patch and pythium.

Weather dictates when Gurke irrigates. If it's a hot, humid night — about 72 degrees with 90 percent humidity — Gurke won't water a drop in fear of inducing turf disease.

"I'll look at the forecast for the night and the next day and decide whether I'm going to be sprinkling or whether I'm just going to send seven guys out with hoses so they can syringe

the hot spots," Gurke says.

More than anything, Gurke keeps a constant watch on soil moisture. "All my assistant and I do all day is wear out a couple of soil probes," he says.

Davis says he recently attended a conference where ground temperature in regard to irrigation frequency was a major topic of discussion. Hence, Davis notes that monitoring of soil, especially its temperature and moisture content, has become a major criteria of turfgrass management. That's why superintendents see more soil monitoring equipment on the market, he says.

Hubbard says turf disease isn't a huge problem in south Florida, but it's not an issue that can be overlooked. Many Florida golf courses

have switched to ultradwarf greens the past few years, Hubbard notes, and varieties such as Tifeagle are more susceptible to fairy ring. So superintendents and their crews must be careful when irrigating greens with fairy ring because the disease makes turf anaerobic. If they keep watering the fairy ring-diseased turf to try to get it to take water, they'll saturate the turf around it, which could cause more turf disease.

Leaf spot is another disease threat in Florida, but one that can be predicted easily, Hubbard says. If it's cloudy for three days, humidity is about 70 percent and temperatures are in the 70s and low 80s, irrigation should be limited to prevent a leaf spot breakout and a preventative fungicide should be applied.

Speaking of making predictions, experience is the best tool when it comes to managing irrigation and pest control, Hubbard and Gurke say. A superintendent who has been at a course for 10 years knows its tendencies better than a superintendent who has been at a course for two years.

"Every course is different and every environment is different," says Hubbard, who has been a superintendent for 35 years, the past 14 at Broken Sound. "So learning things in the field is priceless."

It's about knowing your golf course, especially areas more susceptible to disease. "When the wind is blowing out of the southwest, I know which mounds will get too dry," Hubbard says. "And I know which mounds will collect water from sprinkler heads. So I know brown patch might form in an area because it's getting too much water."

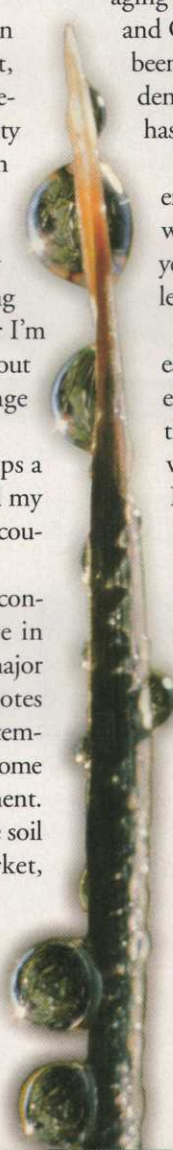
Gurke, who has been a superintendent for 18 years, knows what Hubbard is talking about. He calls it a sixth sense. "Every day is different, and it's all based on the look of the course, the feel of the course and the feeling in my gut," Gurke says.

The feeling in Hubbard's head is to consistently maintain a dry golf course — if you can. "I like a dry golf course because I can cure disease easier then, and the golfers enjoy the course more," Hubbard concludes. ■

"I like a dry golf course because I can cure disease easier then, and the golfers enjoy the course more."

JOE HUBBARD,

SUPERINTENDENT, BROKEN SOUND
GOLF COURSE



The History

In 1998 Klingstone 40 was first used in bunkers at a private, Fazio designed, golf course. Since then hundreds of courses have used Klingstone throughout the U.S and overseas.

**Good as new after
seven years in Minnesota**



The Application

The liquid Klingstone 40 is pumped neat (no mixing) from a drum onto the bunker's face and bottom. Sand may be replaced immediately.



An entire bunker can be treated in minutes.



**Sod-sided bunker face being
stabilized and tinted.**

The Numbers

One superintendent's estimate of savings after seven years using Klingstone 40 versus fabrics (50,000 sf):

Cost to install fabrics initially, then replace	\$138,000
Cost to replace drainage system	50,000
Cost of sand replacement during seven years	<u>200,000</u>
	388,000
Cost to purchase and install Klingstone*	<u>- 76,500</u>
	\$211,500
Total Savings =	Priceless.

*Product price lower today

Not hearing that a piece of fabric is sticking up through sand =

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Leaders

PEOPLE ON THE MOVE

Sean A. Hoolehan is the new president of the Golf Course Superintendents Association of America (GCSAA). Hoolehan is the certified superintendent of Wildhorse Resort and Casino in Pendleton, Ore. He succeeds **Timothy T. O'Neill**, certified superintendent of the Country Club of Darien (Conn.)

Arthur Chernov was named the vice president of sales and marketing for the PGA National Resort and Club.

Lastec Inc. named **John P. Mowder** the vice president of sales and marketing.

The Turfgrass Council of North Carolina accepted the retirement of Executive Director **Gene Maples**, effective Feb. 28. In addition, Executive Secretary **Marsha Richardson** concluded her 16 years of service.

KemperSports Management hired **Mark Luthman** as regional director of operations. He will provide oversight for the firm's collection of golf properties in the western United States. Luthman launched his 10-year career in the golf industry as a superintendent and served as the general manager for several California golf facilities.

Saddle Creek Resort named **Bill Troyanoski** its general manager. An industry veteran with more than 20 years of experience, he will oversee operations, budgeting and personnel for Saddle Creek Resort's Carter Morrish-designed golf course.

Brian Henderson returned to his native state to become the first director of golf at The Ritz-Carlton Members Golf Club in Sarasota, Fla. He will be responsible for establishing the overall program of

luxury golf services for members and guests of the club.

Brian Dees, the director of golf at Barton Creek Resort & Spa, was named Resort Merchandiser of the Year by the Western Chapter of the Southern Texas Professional Golfers Association (STPGA).

The Irrigation Division of The Toro Co. named **Brian Ries** its marketing and product manager of valve and control products for the residential and commercial landscape markets.

Andy Smith, an irrigation contractor from Michigan who has been active in water and irrigation issues in the state legislature, was named the director of state and affiliate relations of The Irrigation Association. In addition, **Tom Kimmell**, executive director of the association for 12 years, announced he is retiring as of February 2007.

Karen Reardon was named the director of communications and public relations for Responsible Industry for a Sound Environment (RISE). She fills the position vacated when **Kristin Van Veen** moved to Cleveland to join her husband, who is in graduate school.

Brady J. Surrena joined Advan LLC as its Midwest area manager for the company's turf and ornamentals division.

Jason Kuhlemeier joined Bayer Environmental Science's marketing team as a marketing specialist.

Robert G. Schmidt was named general manager for the new Blackstone Country Club in north Peoria, Ariz. He will oversee all club

operations as well as staff of the 18-hole private course, which opens for play to members and their guests in early November.

Otterbine Barebo Inc. named **John Ouellette** its new Northeast Regional Sales Manager.

Syngenta Professional Products hired three sales representatives: former Mohawk Golf Club certified superintendent **Fred Montgomery**, who will serve customers in New York; **Steve Abler**, a former researcher and research assistant at the University of Wisconsin-Madison and Virginia Polytechnic Institute and State University, who will serve in Wisconsin and the Upper Peninsula of Michigan; and **Dennis E. DeSantis**, formerly of the Terre Company, who will serve customers in Fairfield County, Conn., the Westchester County area of New York and Long Island.

Aquatrols named **David Syck** its Pacific Northwest territory manager. He is responsible for maintaining, developing and expanding professional turf and horticultural market sales in the northwest United States, Alaska and western Canada.

The New York State Turfgrass Association presented its Citation of Merit award to **Horst Pogge**, chairman of the Board of Grassland Equipment and Irrigation Corp. NYSTA also elected its 2006 officers and directors at its annual meeting. Certified superintendent **Michael Maffei** was elected president for 2006. Owen Regan will serve as vice president for 2006 while **Greg Chorvas** takes over as secretary/treasurer. Newly elected directors include **Rick Holfoth**, **James Baird** and **Timothy Hahn**.

Jacobsen Hardy Golf Course Design promoted **Rex VanHoose** to senior vice president/managing architect. He will direct all of the firm's projects now in design and construction.

Marriott Golf named **Rob Bartley** the director of golf at Camelback Golf Club, a 36-hole facility in Scottsdale, Ariz.

Nufarm Americas announced that **Sean Casey** and **Keith Hern** were promoted to new management positions within the company's turf and specialty group. Casey is Nufarm's vice president of sales, turf and specialty. Hern is the new vice president of sales of IVM and forestry.



Hoolehan



Chernov



Mowder



Maples



Surrena



Kuhlemeier



Schmidt



Ouellette



Casey



Hern