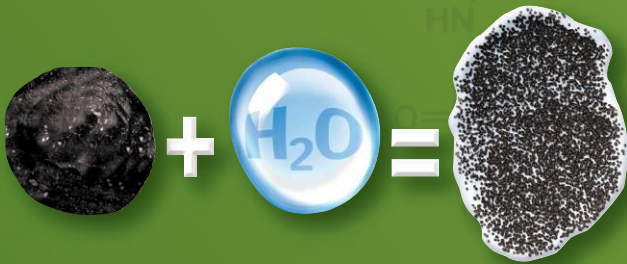


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See 'em in San Diego

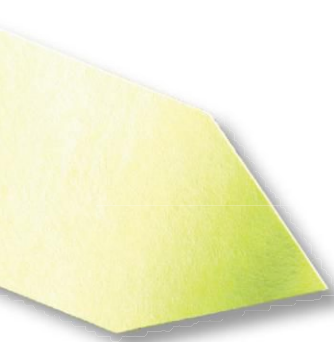
The arrival of the 2013 Golf Industry Show also marks the arrival of new tools for superintendents.

COMPILED BY KEN MOUM // CONTRIBUTING EDITOR

It's always a good thing when the GCSAA's annual Golf Industry Show rolls through sunny San Diego. The weather's great, the food is dynamite and the nightlife is fun.

Regardless of how great the city is, we're there for business. So while you're on the clock, keep an eye out for these items that could potentially have a major impact at your course this year.

And if you miss the 2013 GIS, don't worry, we'll do a more complete postmortem review of new products we saw in San Diego in our March issue.



1



1 Quali-Pro

Quali-Pro has added Enclave, a broad-spectrum fungicide, and Negate, a pre-emergent herbicide for use on bermudagrass and zoysiagrass, to its line of products.

Enclave is the industry's first product with four modes of action. It controls a wide variety of fungal pathogens. With it, the company says, superintendents can control snow mold, brown patch, dollar spot and anthracnose simultaneously, on all areas of their course with just one product. Enclave provides synergistic control of dollar spot, anthracnose, patch disease

and snow mold (both pink and grey).

Negate provides post-emergent control of *Poa*, ryegrass and broadleaf weeds, allowing bermudagrass and zoysia turf to remain consistently strong, healthy and clean. / GIS Booth: 2130

Trojan Battery Co.

Trojan Battery Co. has launched two new batteries that feature a new class of deep-cycle battery technology. The Traveler 8V provides more than 40 percent longer life, and the Ranger 160 delivers 35 percent

more run time between charges than today's current 8V golf batteries.

The Traveler 8V's internal elements include the Internal Battery Protection System, featuring thicker grids, membrane-wrapped plates and Trojan's exclusive T2 Technology with Maxguard T2 multi-rib separators. It also incorporates a moss guard that insulates and protects the top of the battery plates. It is compatible with the HydroLink single-point watering system that can fill a set of batteries in 30 seconds.

Trojan's Ranger 160 uses more range than a typical golf car battery can manage. It is rated at 160 minutes when discharged at 56 amps and is the first U.S.-made long-range product manufactured to meet the increasing demands of golf carts and utility vehicles. / GIS Booth: 3521

Continued on page 34

MORE control.

Clover, thistle and over 250 other broadleaf weeds disappear with one application of Millennium™ Ultra². With 'meltdown' and residual control, it keeps turf clean and pristine for weeks, and can be applied virtually any time for maximum flexibility. That's how Nufarm brings you more control – and more confidence. Ask your distributor for Millennium Ultra².



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ISTOCKPHOTO

Continued from page 33

2 The Toro Co.

The Toro Co. is launching the new light-weight Reelmaster 3550-D, designed to deliver gentle, turf-friendly operation without the sacrifice in productivity customers may face when mowing fairways and other large areas with a triplex greens mower. The Reelmaster 3550-D also boasts exceptional ground-following capabilities to better handle undulations in fairways and on areas around greens. Three-wheel drive and smooth turf tires are standard, and the company says the traction unit is similar to the Groundsmaster 3500-D. The 3550-D is powered by a Kubota diesel engine and features an 82-inch cutting width. Toro says the Reelmaster 3550-D is 15 to 20 percent lighter than other fairway units on the market. / GIS Booth: 4838



2



3



4

Jacobsen

Jacobsen will show off its GK 500 series and PGM walking greens mowers that now come standard with 15-blade Classic XP reels to deliver a high quality of cut. The 15-blade reel provides a better frequency-of-clip compared to competitive mowers, the company says. The entire line of Jacobsen walking greens mowers — including the Eclipse2 series — now comes standard with 15-blade Classic XP reels.

In addition, the Eclipse 322 riding greens mower will be offered in 2013 with advanced lithium battery technology that allows it to cut 18 greens plus practice putting greens on one charge. The lithium batteries never need maintenance and will last 6-8 years, the company says. / GIS Booth: 2838

Bayer Environmental Science

Bayer is adding a new granular version of Specticle, it's pre-emergent herbicide for use on warm-season turfgrass, landscape ornamentals and hardscapes. Specticle G controls grassy and broadleaf weeds

including *Poa annua*, crabgrass, goosegrass and more than 60 broadleaf weeds as well as annual sedges and kyllingas. It features the same active ingredient — Indaziflam — as the two other forms of the product and is available in a 50-pound bag. / GIS Booth: 3438

3 Rain Bird

Rain Bird's new Algae Control System (ACS) provides environmentally friendly control of algae on the surfaces of ponds and other water features that are at least two feet deep. Submerged just beneath the water's surface, the ACS emits ultrasonic waves that inhibit the growth and spread of algae. Results can be seen in as few as three to four weeks. Because no chemicals are used, it's safe for aquatic animals and plants.

The ACS comes in five different power levels. Selecting the appropriate model for each application depends on factors such as the surface area of the body of water; the nutrients present in the water; the

body of water's shape; and its location relative to the earth's equator. It is available in either 24-volt AC or 24-volt DC solar power. / GIS Booth: 2728

4 FMC Professional Solutions

FMC Professional Solutions' Talstar XTRA GC granular insecticide is approved for broadcast or mound applications on all turf varieties for control of ants (including imported fire ants), cutworms, webworms, armyworms, mole crickets and more. In temperate zone regions where forsythia is in full bloom, it will also control annual bluegrass weevil adults for three to four weeks.

Designed specifically for golf courses, Talstar XTRA GC has a greens-grade, sand-core granule that penetrates thatch to reach surface-feeding pests. It is said to be the only granular insecticide that combines the proven residual of Talstar with the speed of the active ingredient, zeta-cypermethrin. / GIS Booth: 1338



5 Bernhard and Co.

Bernhard and Co. isn't introducing any new products this spring, but Chairman Stephen Bernhard says the company has taken a major step in its training and education efforts.

The New Iron Works factory, dedicated to education and training, has recently opened, and Bernhard said he is thrilled with the results. "We started our business way back in the early 1800s and it's grown year on year, in the same group of ancient Victorian buildings in the town. We really had to expand the manufacturing space and upgrade the facilities. The training and education side of our business is growing all the time, so we needed a dedicated area for that as well as a demonstration area for user and staff training." / GIS Booth: 5230

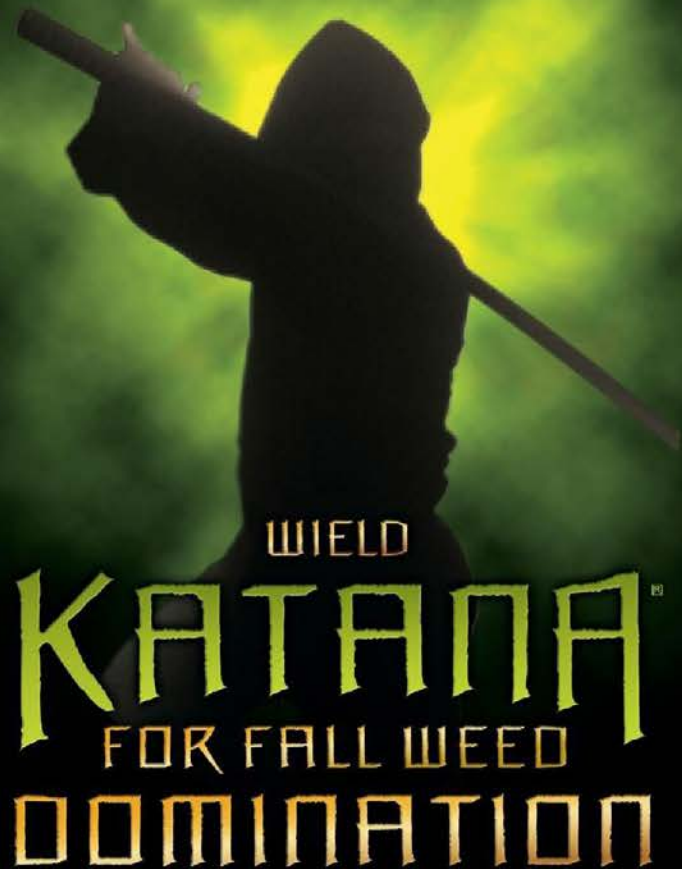
Arysta LifeScience

Xonerate from Arysta Life Science is a new tool to battle *Poa annua*. It is available as a water-dispersible granule and offers selective removal of *Poa annua* in many cool- and warm-season turfgrasses, including creeping bentgrass and bermudagrass.

"Research shows that *Poa* dies quickly in warm weather, leaving areas of golf courses bare until permanent turf grows and fills in," said Doug Houseworth, technical services manager, Arysta LifeScience. "Bentgrass provides conditions ideal for *Poa annua* growth, including high moisture, nitrogen, high-traffic areas and fungicide use. In turn, Xonerate eliminates the *Poa* with little to no disruption to the growth of bentgrass."

Xonerate works as it is absorbed by plant leaves and roots, where it inhibits photosynthesis in sensitive plants. With *Poa annua*, the weed loses its green color and becomes brown. / GIS Booth: 1710

Continued on page 36



Designed for Cool-Weather Weed Control

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fescue, sedges, and broadleaf weeds

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6 Ryan

Ryan has added Easy Steer Technology to its Lawnaire V walk-behind aerator, enabling the unit to turn easily without removing the tines from the ground.

“The difference is in the tine bank assembly,” said Ryan product manager Jay Baudhuin. “Each tine wheel assembly has a one-way clutch bearing. This design is responsive to the operator and enables easy turning capability while the tines are in the ground. This new tine design enables easy turning capability without costly hydraulic tine assemblies or dissimilar controlling mechanisms.”

Lawnaire V with easy steer technology utilizes 90 percent of the same components as the current Lawnaire V, minimizing the number of new service parts required for dealers to stock. / GIS Booth: 2111



6

7 Becker Underwood

Becker Underwood has introduced Vision Pro HD as the next generation of high definition turf colorant.

The company says it is ideal for green and tee spray programs and provides a complementary color to spray mix applications designed to promote overall plant health and protect against pests.

Joe Lara, product manager, said, “The refined ingredients create a higher definition of color on close-mowed turf. Equally important, it is suitable for use in all professional spray equipment. It is safe for all types of pump seals, and no seal changes are required.”

The formulation ensures no breakdown associated with UV light, no plant phytotoxicity, no clogged equipment and easy sprayer clean-up. / GIS Booth: 2852

8 Syngenta

Syngenta says its new Secure fungicide is the next generation in multi-site contact disease protection for turf that prevents infection before it begins. Designed to be



8

the ideal rotation partner with Daconil Action fungicide, the multi-site mode of action in Secure helps deliver season-long protection against the toughest turf diseases. Now, systemic fungicides no longer replace superintendents’ contact applications, but rather complement them for inside-out protection.

The company has also introduced Briskway fungicide, a DMI-containing fungicide that combines a new active ingredient (difenoconazole) with the broad-spectrum fungicide azoxystrobin. Difenoconazole is proven to be a worry-free DMI, even when used in hot and humid conditions. It controls 22 of the most difficult summer turf diseases, such as dollar spot, leaf spot, brown patch, anthracnose and summer patch. / GIS Booth: 4339



7

Agrium Advanced Technologies

Agrium Advanced Technologies has two new Spread it & Forget it controlled-release fertilizers impregnated with either Barricade or Dimension. The fertilizers offer users a single-application fertilizer impregnated with their choice of two leading pre-emergent crabgrass herbicide brands.

“Working with premium technologies like Barricade and Dimension ensures the high quality you’ve come to expect from Spread it & Forget it,” said Ben Cicora, product marketing manager. The resulting new products allow turf professionals to fertilize once up to every six month while getting quality pre-emergent crabgrass control. / GIS Booth: 2828



On the FLY

When golf course executives take time off, what do they do? Some take a busman's holiday and play golf at different courses. They may do it to see what the competition is doing, or just to break away from their own stomping ground for a while.

Others, however, prefer to wile away the hours another way — by fly fishing on the river.

"I've been fly fishing since I was about 14 or 15 years old," says Trevor Burlingame, superintendent at Chautauqua Golf Club, Chautauqua, N.Y. "My mom and dad gave me a fly rod for my birthday, and I just started doing it."

As a teen, Burlingame headed to a local golf course and trolled for pan fish and bass in the streams. Today, he prefers to fish for trout, once catching a 31-inch steelhead on a Lake Erie tributary.

Fly fishing is reeling in more and more superintendents, who are drawn by its adventure and solitude. *By Tim Killeen*

River life

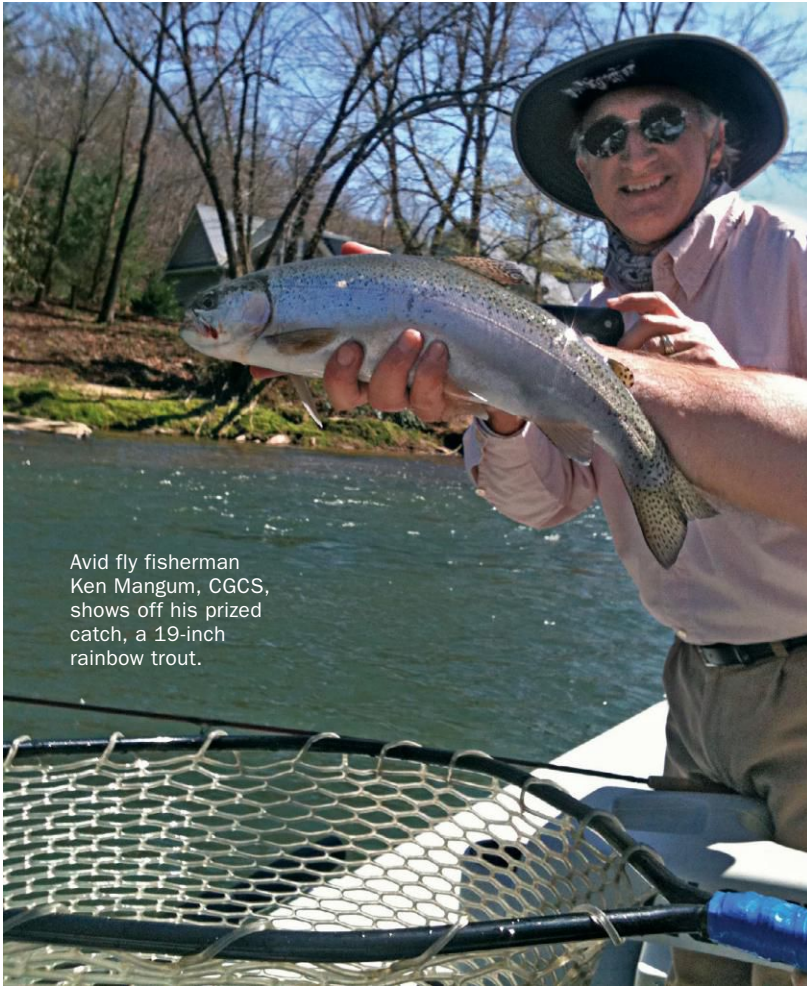
Burlingame is not alone in his love for the pastime. Fly fishing stories are being told at chapter events across the country. Some of these luckier fishermen, such as Joe Stribley, superintendent at Yellowstone Country Club, Billings, Mont., revel in the midst of some of the country's most renowned trout streams.

"I told my wife about 12 years ago that I'd like to give fly fishing a try," Stribley recalls. "The next thing I knew, she presented me with a complete outfit. Now what do I do, I thought."

Stribley is able to go trout fishing on eve-

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Avid fly fisherman Ken Mangum, CGCS, shows off his prized catch, a 19-inch rainbow trout.

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nings and weekends, spending most of his fishing time close to home. The Bighorn River is among his favorite spots, even in the winter. That's not to say he won't travel. His eldest son, Hayden, has worked as a guide in Alaska and now does his trout fishing in Chile. Stribley joins him there from time to time.

"Fly fishing can be very much like a short game in golf, requiring finesse and accuracy," Stribley says. "It's quite a challenge, and once the fish is caught, being able to release it back to

the water gives a real sense of accomplishment."

When Burlingame casts his flies and releases his catches these days, it's far from Stribley's turf, often in Pennsylvania or on the Great Lakes tributaries. "It takes my mind off my job," he says. "There's a lot of solitude out there. It's just you and the trees and the stream. It forces you to be at peace for a while."

Going out alone has its advantages, but for Stribley, fishing with good friends can make a trip more fun. Stribley never really had a bad experience fly fishing, even considering a horseback trip in which he rode out with an ear impaled with a trout fly. The doctor looked at it and said it was no big deal, he sees a lot of that. Most importantly, to any fly fisher that is, he was able to salvage the fly, a nice size 10 "Jack Cabe." No harm done.

Ken Mangum, CGCS, Director of Golf Courses and Grounds at the Atlanta Athletic Club, had a boss about 7 years ago who insisted he join him on a trip to a private fly fishing club. That was enough to get Mangum started. "Fly fishing is one of my favorite things to talk about," he says.

Now Mangum manages to take a few days for a trip each year and fly fish with friends, many of whom are in the golf industry as well. His buddies Gary Grigg, Darren Davis, Lon Fleming and Eric Shoemaker all feel the same way about it.

Good vibes

Mangum says he's lucky to be close to some productive water, such as the Chattahoochee River, only about 5 minutes from his office. "I've taken some very nice fish out of there," he says.

Mangum observes that many people in the golf business fly fish. A number of tour pros even fly fish on the course ponds when they get a chance.

Mangum's favorite places are the Big Horn

**"It takes my mind off my job. There's a lot of solitude out there.
*It's just you and the trees***

River in Montana, Henry's Fork in Idaho and the Green River in Wyoming. It was in Idaho that he caught a 19-inch rainbow trout on a grasshopper fly. Still on his bucket list are British Columbia, Patagonia and Colorado.

Cal Roth, senior vice president of agronomy for the PGA Tour, says he would speak to anyone about fly fishing at any time.

Roth began fly fishing when he was 14 years old, fishing for bass and bluegill on farm ponds in rural Illinois. After a move to Colorado, he began fishing for trout, and when he moved to Florida in 1989, he bought a flats boat and fished the backwater of the Intracoastal Waterway with his son, Blaise.

Those trips were among his most special, Roth says. Now he fishes the backwater from a kayak and enjoys the solitude it brings.

When Roth looks back on his fly fishing days, there's really nothing that stands out all that much. But after a pause, he says, "Then again, there was this 15-pound bonefish that took over an hour to land."

When asked if he had any bad experiences while fly fishing, he answers a quick and definite "No, not one."

Roth says he has been lucky enough to have fished on many streams and rivers — and he's enjoyed them all. But there is one that stands out as his favorite — the Conejos River in southern Colorado.

Roth eventually joined the Rocky Mountain Angling Club, and now, after 20 years of fishing there, Roth views it as his home away from home.

Eric Draper, parks and rec superintendent for the city of Osawatomie (Kansas), started fly fishing when he was a freshman in high school. "We took a trip to Colorado and I saw a fly fisherman in the stream. I told my father I

GO FISHING

Learning how to fly fish is a lot like learning to play golf. It may seem a bit cumbersome at first, but after a bit of practice, things always seem to come together nicely.

To get started:

1

Visit a local fly shop. Any one can hook you up with the right equipment and lessons. The Orvis website has a wealth of information. Check www.orvis.com/learn.

2

Be prepared to spend some time practicing. Even if it's just in your back yard, you don't need water to practice casting. Just like golf, the more you practice, the better you get.

3

Be prepared to deal with setbacks. At least initially, the casting motion can end in a tangle or two, often when you least expect it. Rest assured, everyone, no matter how experienced they are, encounters these. But the more you practice the fewer problems will occur.

4

Find a good book and read up on it.

5


Enjoy the experience. You'll be closer to nature than you ever thought you could be.



wanted to do it," he recalls.

When Draper got home, he learned one of his friends owned a fly rod. That friend taught him how to fly fish on a three-day trip to a Missouri state park.

Draper has fished often in Missouri waters since then, snapping up brown and rainbow trout before releasing them — including a five-pounder.

In the end, Draper says, "there's no more thrilling experience than catching a fish on the fly. Once you catch your first one, you'll never want to put your fly rod down." 

Tim Killeen, a freelance writer in Aurora, Ohio, is the author of "The Executive's Guide to Fly Fishing" and is a golf course ranger at Windmill Lakes Golf Club in Ravenna, Ohio.

Senior editor Beth Geraci contributed to this story.

and the stream. It forces you to be at peace for a while."

— TREVOR BURLINGAME, superintendent, Chautauqua Golf Club



The White Pine Way

From the selection of the land to the low-pressure irrigation system, Northeast Michigan's White Pine National Golf Resort harmonizes with nature and golfers.

By Chris Lewis

As the son of Clarence Wolfrom, a longstanding superintendent and Michigan Golf Hall of Famer, Bruce Wolfrom was introduced to the intricacies of course design at an early age.

"When I was a little boy, I'd go with my father when he was asked to come and lay out a new course or consult on problems courses were having," Wolfrom says. "I was always intrigued with the prospect of taming nature."

Clarence, Bruce's father, was the superintendent of Maple Lane Golf Course, a public course located in Sterling Heights, Mich., for 53 years. Along the way he helped found the Michigan Turfgrass Foundation, and he also

helped many turf professionals get their start in the industry. Bruce and his older brother Clem were two of those who were helped by Clarence's influence, as they followed in their father's footsteps. Bruce accepted a position as the superintendent of Treetops, based in Gaylord, Mich., while Clem was hired as superintendent of the private Detroit Golf Club.

"We had both worked at Donald Ross-designed courses in the past and had gone through the process of bringing the original intent of the design back to the courses we were at," he says. "It led to an understanding of the 'why' behind good design."

With their passion for course maintenance instilled as children, Bruce and Clem often dis-

