



Mike Harrington spent 10 years in the golf course maintenance industry with three and a half years as superintendent at Scenic View Country Club in Slinger, Wis. Since 2005 he has been vice president of Beautiful Blooms Landscape & Design in Wauwatosa, Wis., focusing on lawn and landscape design, installation, and maintenance. He recently started a new company called The Disc Golf Experience aimed at promoting the sport of disc golf through sustainable disc golf course design and running fun and unique disc golf events.



kets and portable mats – or just tee markers – makes the most sense initially. That will allow you and the golf course owner a chance to see the impact of the game and how much additional work there is to maintain the golf course. It will also allow them a chance to see just how much money can be brought in with the addition of disc golf. Start with one night of league per week in the spring when golfers have not come out of their winter hibernation. Perhaps a weekend tournament in the fall would work better when the golfers have had their fill of the game for the season and the decreasing temperatures keep them away from the golf course.

Consider that the golf course could bring in a lot of revenue if it was left open for disc golf through the winter. The best part about the third option is there would be absolutely nothing needed to maintain the disc golf course in winter. Disc golfers are a hearty bunch of people and are just happy to be able to play at all in winter. These are the three main ways that disc golf could be consolidated onto a golf course. The additional maintenance will be minimal but the potential revenue could be an outstanding addition to the bottom line of your golf course.

Not every golf course will be suitable for the addition of disc golf. There will be courses that simply do not have any time on the tee-sheet that is slow enough to accommodate disc golfers on top of their normal golf clientele. Some courses will not have enough challenge or interest for the disc golfer because there is no forced throws over water, minimal trees on the course, or very little elevation change.

Disc golf does require obstacles for the course to be enjoyable or challenging enough to get disc golfers to be willing to pay a fee to use the property. I am confident there are a lot of golf courses that this could be an outstanding addition to the property with only a minimal

investment of time and money to make it happen.

If you would like to discuss your golf course and the potential for disc golf please feel free to contact me. I am here to be a resource for golf course superintendents because I know you are integral in the decision making process for this venture to work. I understand and appreciate your concerns because I have managed turf for over 20 years. However, I believe the potential is far greater than the drawbacks. I want you to understand the game and the impact on your golf course in case your golf course owner decides this is something they would like to pursue.

If you educate yourself on this idea and feel strongly enough to recommend it to your owner or general manager, perhaps you will be valued even more than you already are for thinking outside the box. **GCI**



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CHARTING A VOYAGE

of

DISCOVERY

Looking for a diversion from the golf show? San Diego offers a multitude of waterside activities. by Helen M. Stone

Conquistador Juan Cabrillo set sail to the north September 1542 looking for the mythic gold cities of Cibola. Cabrillo also hopes he can find the Straits of Anian, a waterway connecting the Atlantic and Pacific Oceans. Instead, he and his crew pull into a “very good enclosed port” and become the first Europeans to set foot upon what is now the California coast – and breathtaking San Diego.

Whether the GCSAA conference and show is your first visit or you are a regular guest of this dynamic area, a voyage of discovery awaits you. Yes, there are nearly 100 golf courses in the area to keep you busy, but if you want to go beyond the convention center and indulge in other activities besides golfing, this seaside paradise satisfies.

Even if you decide to stay close to the conference and want to skip the hassle of renting a car, there is a multitude of waterside activities and eats. Just a short stroll down the waterfront brings you to Seaport Village (www.seaportvillage.com), a complex offering a wealth of small shops and restaurants in every price range, many with bay views.

If you are feeling energetic, stroll past the bustling Village and check out the waterfront action. If you need to fuel up, both locals and tourists rave about the Fish Market (www.thefishmarket.com/locations.aspx?id=6)

The house-smoked fish trio appetizer is a terrific prelude to the signature cioppino, an amazing combination of seafood in a savory marinara sauce. You can choose from casual dining on the patio, a fully stocked sushi bar or an upscale fine dining experience all in the same place.

Continue on to explore the Navy Pier. If you're lucky, there will be a Navy ship docked and offering free tours, or spend a few bucks and visit the USS Midway, a retired aircraft carrier that now serves as a museum featuring 27 restored aircraft (www.midway.org). If that doesn't wear you out, keep heading north.

You'll pass Broadway Pier, a docking area for all kinds of bay tours and a ferry to Coronado across the bay (www.sdhe.com). Do yourself a favor and book one of these. You can learn a bit about the area while enjoying spectacular views. February is also a great time of year for whale watching (with guaranteed sightings!).

Keep heading north and check out one of the world's best collections of historic ships at Maritime Museum (www.sdmartime.org). Lucky you. February just happens to be Museum Month (www.sandiegomuseumcouncil.org/museum_month) so you can visit both museums, along with 38 others in San Diego for half price. Everything from art to natural history to railroads to botanic gardens await exploration

If you don't feel like walking back, head

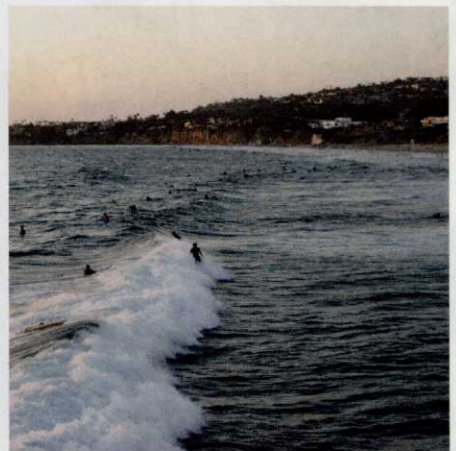
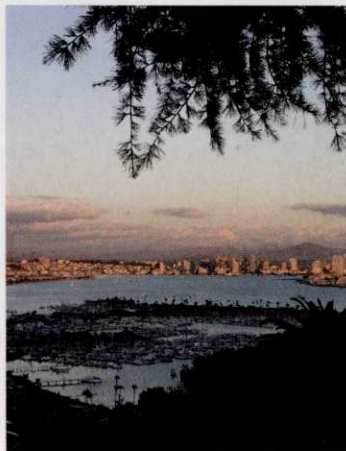
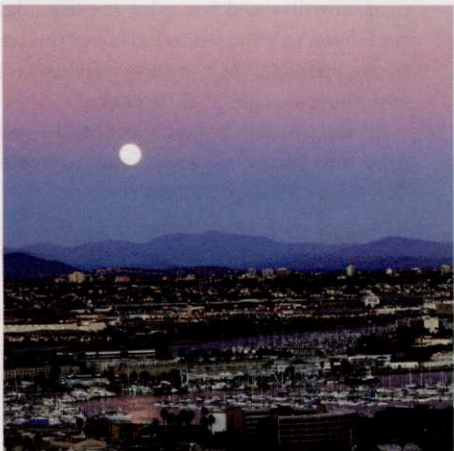
“inland” on Broadway and hop on the San Diego Trolley, which takes you right back to the Convention Center in no time (www.sdmts.com/trolley/trolley.asp). With a little bit of planning, the trolley can take you just about anywhere and the price can't be beat – only \$5 for a full day pass and even less if you purchase multiple days.

Speaking of trolleys, a great way to get to know the area is the San Diego Trolley Tour (www.trolleytours.com/san-diego). This takes you to all the “hot spots” with a guide who can steer you to the sites that best suits your interests. You can get off and on any time you please to explore further, grab a bite to eat or just relax.

If you only have a couple hours to dash out between the show and seminars, there are a host of restaurants, shopping and night life near the convention center or a short cab ride away. You'll be right next to the “Gaslamp District,” downtown revival at its best.

For “new American,” try the Croce's (www.croces.com). A trailblazer during downtown redevelopment, it was founded by musician Jim Croce's widow, Ingrid, and features live music every night to compliment your dining experience.

With its proximity to Mexico, you'd think that San Diego would offer some amazing Mexican restaurants, and you'd be right. Downtown, the locals' choice top choice is La Puerta (www.lapuertasd.com). The



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homemade salsas served with tortilla chips are a prelude to a great meal featuring traditional Mexican specialties and a few surprises. (Hint: Try to make it down for “Taco Tuesday.” Happy hour from 3-7 p.m. offers two buck tacos and brews that will bring out the matador in you.)

If Asian is more your style, give Taka a try (www.takasushi.com). The freshest sushi you can get (many locals call it the best in San Diego), plus teriyaki dishes and steaks, make this a great addition to your dining rotation.

If you're in the mood for Italian, San Diego has its own “Little Italy.” The area was home to Italian fisherman and their families in the 1920s, and is still known for its terrific food and friendly shops. If you're in need of one of the best sandwiches in town, San Diego locals flock to the deli at Mona Lisa Italian Foods (www.monalisalittleitaly.com). You can also order a full meal or fabulous pizza at the adjacent restaurant.

Why not stay an extra day and have a blast at the Carnavale on Feb. 9? This event, now in its tenth year, is like Mardi Gras with an Italian twist! Great costumes, plenty of music and dancing in the streets await! (www.littleitalysd.com/events/little-italy-carnevale).

One last “must-see” nearby is Petco Park, home of the San Diego Padres. Although you won't be there during baseball season, the

80-minute tours are a great way to get out and stretch your legs while seeing this venue up close and personal (<http://sandiego.padres.mlb.com/sd/ballpark/tours/index.jsp>).

Do you fish? If catching barracuda and yellowtail tuna sounds like fun and you can spare a half day, join one of the popular sport fishing outings that leave from nearby docks on the harbor (www.sportfishing.org). Early birds can depart at 6:30 am, or opt for the afternoon departure if you are attending morning classes. Don't worry if you don't have tackle; it's available for rent. You can even have your catch of the day processed and shipped home.

If hiking – or strolling – in amid lush landscapes and fine architecture is more your style, Balboa Park is a great way to while away an afternoon or the day. The world-famous San Diego Zoo is nestled in the heart of the park. Enjoy ornate structures and gardens built for the Panama-California Exposition in 1915, admire rare and colorful plants in a huge lathhouse, or enjoy drinks or a meal amidst a lush landscape. If you want to take advantage of Museum Month, everything from fine art to natural history to “oooh-aaah” science surprises await.

If you have a day and a car, treat yourself to a tour of San Diego's famous beaches. From downtown, head north on Harbor Drive to Point Loma. There are spectacular views as

you reach the Point. You can stop and visit the lighthouse and museum if you like, or explore the abundant ocean life in the tidepools. There's a good chance you will see migrating whales as well.

Head back and go north to Sunset Cliffs Boulevard and Ocean Beach. You can grab a cup of coffee and a pastry at Azucar Cuban Coffee (www.iloveazucar.com) on Newport Avenue and visit the municipal fishing pier to enjoy the ocean breeze. Then keep heading north to check out Mission Bay and the Aquatic Park. (You can also catch Sea World Drive and visit Sea World for a day of adventure if you chose.) West Mission Bay Drive ends at the beach and boardwalk. Stop for some truly world-class people watching. Rent a bike, grab a quick bite to eat or a beer and watch the surfers ride the waves.

Keep going on Mission Boulevard, hugging the coast until you reach La Jolla Boulevard (pronounced “La Hoya”). This upscale enclave boast some truly inspiring views, great opportunities for shopping and snacks, and the famous Children's Pool. This gentle beach is home to a colony of seals and you can enjoy the sight of these ocean mammals sunning, splashing and even nurturing their young.

After watching the sunset at La Jolla Cove, you can either extend the day by dining at one of the many restaurants in town, or hit the freeway for the drive back downtown. If you're up for one last adventure, or if you want to crown the day with another terrific Mexican meal, stop at Old Town.

This state historic park boasts more than 30 restaurants, but what might be the crown jewel is Old Town Mexican Cafe. The home made tortillas and hot salsa are legendary. And if you're too tired to look over the large menu, just order the carnitas – you can't miss with these succulent “little porks.”

So do yourself a favor and build some time into your conference stay to explore “America's Finest City.” **GCI**

Helen M. Stone is a freelance writer based on the West Coast and a frequent contributor to Golf Course Industry, as well as an alumnus of San Diego State University.



Balboa Park is a 1,200-acre urban cultural park in San Diego. In addition to open space areas, natural vegetation green belts, gardens and walking paths, it contains museums, several theaters, and the world-famous San Diego Zoo

Monroe Miller is a retired golf course superintendent. He spent 36 years as superintendent at Blackhawk Country Club in Madison, Wis. Miller can be reached at groots@charter.net.



THE MONROE DOCTRINE 105 21

THE PAUSE THAT REFRESHES

The scene outside my kitchen window says it is finally winter. We have had several inches of snow and, for the most part, golf is over for the year. The brief pause in the golf year will be welcome to superintendents and their families here in the North Country.

Mostly, northern superintendents like cold and snowy weather – “it tends to keep the riff raff out” is a commonly heard remark, usually repeated with a smile. It is a period I have always called “winterlude,” a time of normal workweeks, turf conferences and family vacations. A friend of mine who works in the south once asked me, “If cold miserable weather is so great, how come so many of you head south in the winter?” Good point!

It is especially easy to look forward to 2013 these days. Last year was a lousy one, a year many of us would like to forget. For much of America, it will be remembered for the drought and its effects that were felt far and wide. One look at the U.S. Drought Monitor tells the story. Wide swaths of the country were both dry and hot. In our town, below normal precipitation during the six-month heart of the golf season – including almost no rain in June – wreaked havoc on our golf courses.

Irrigation systems and pump stations weren't designed for the extra water, and superintendents exhausted themselves trying to keep up. Water supplies were depleted and leaks in irrigation systems were as abnormal as the weather. Thrust blocks that have held perfectly for 25 years were loosened in the dry soil as it shrunk, creating some really big problems. Stress levels on turf and golf course staff were at an all-time high. It may have been a challenging season, but it wasn't much fun.

If you believe tragedies often come in threes, then it was confirmed with the loss of Geoffrey Cornish, Stan Zontek and Neil Armstrong. Geoff and Stan were good friends; Neil Armstrong walked on the moon shortly after I assumed my Army duty station 20 miles north of Saigon. I met him briefly at the Bob Hope Christmas

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Show in 1969 and knew how much he loved golf. He was a great American I will never forget... although he didn't hit a golf ball on the moon as many assume – that was astronaut Alan Shepard.

And along with too many Americans, we faced the “Big C” up close and personal. I am not referring to my experience with skin cancer; in November my wife Cheryl was diagnosed with breast cancer. She has inspired me through surgery and subsequent treatment. It is an awful and brutal disease. Her courage, positive attitude and strength made me realize, once again, that I am a lucky man to have her as a spouse. She is my new hero.

The winter period isn't always as peaceful and calm as some seem to think. It can also be as stressful and difficult as summer. Maybe we don't worry about pythium or summer patch these days, but the concerns about pink snowmold and gray snowmold are real. The problem is you cannot do much when the golf course

is under three feet of snow.

And there isn't anything scarier to northern superintendents than ice accumulation. Not much can be done with problem, either, although we have tried everything imaginable. I remember damage to turf due to ice accumulation that wasn't fully healed until July 4th.

Some of us have the additional concern that comes from working with a golf facility that doesn't generate any income for several months. We might have the time to repair and repaint, but the GM says the budget won't allow it.

And then there is the responsibility of snow removal. We all want lots of snow, but cannot pretend we enjoy plowing it on weekends and evenings and holidays. “That's my life,” one colleague said to me. “Mow and plow!” Others have tasks related to cross country skiing and snowmobile trails.

The winter conference season should be a good one. Our WGCSEA Symposium honored Charlie Wilson with the Distinguished Service Award in December, and the Wisconsin Turfgrass Association had its first Webinar in January, although you also had the option to attend in person. The GIS is being held in a favored place – San Diego. My guess is that it will be well attended and well received.

After the GIS, it is funny how we suddenly become fed up with winter weather and thoughts turn to spring. We are refreshed and anxious to get outdoors. It is a new season, opening day, green grass, and maybe even a new piece of equipment.

We are confident that we will return to more normal weather and, once again, experience what a great and satisfying profession managing a golf course can be. Bubbling to the surface is our perpetual belief that this year will be our best ever. **GCI**

SHOWSTOPPERS

Check out these new products debuting on the GIS 2013 show floor in San Diego.

Foley United's AccuMaster

foleyunited.com

GIS Booth #2818

- Accu-Touch Control allows for full control of automated inputs; automated in-feed cycles for "spin" grinding, and programmable automated in-feed cycles for relief grinding
- Reduces labor, time and effort
- 100% dust & Noise enclosure system
- Highest OEM quality grind possible
- Only reel grinder in the world with all these features



Displace 12% Calcium

griggbrothers.com

GIS Booth #3116

- Calcium soil specialty product formulated with a unique wetting agent technology
- Specially formulated soil surfactant enhances product infiltration and facilitates uniform placement of calcium throughout the soil profile
- Contains 12% Calcium remains in solution and reacts with the soil to displace sodium ions
- Backed by independent university testing that shows it can improve turf performance and quality by reducing high bicarbonate accumulation from poor irrigation water
- Specially designed to improve hydrophobic soil conditions and localized dry spots
- Convenient and easy to use formulation which will provide proven effective results



Turf Rx Fairway Flowable

RedoxTurf.com

Booth # 5139

- The most effective and environmentally sound fairway program
- Like all Redox products, Rx Fairway Flowable offers a highly efficient formula that allows you to reduce overall nutrient inputs
- Easy to mix and easy to handle Flowable formulation
- Carbon-based complexing and chelation deliver plant-available nutrients, ensuring high plant vitality response
- Extremely compatible with other plant treatment products
- 100% Satisfaction Manufacturer's Guarantee, assuring you for the greatest bang for the buck



Turf Marker TF-2020

richway.com

Booth #4658

- Affordable, compact, quality foam marker for golf course and turf professionals
- Outfits booms up to 30 feet
- Compatible with field speeds up to 7mph
- Golf ball sized foam drops



Penn State World Campus Turfgrass Programs

worldcampus.psu.edu/TurfOnline

GIS Booth #656

- Whether you're beginning your career or taking it to the next level, we have an online turfgrass program to meet your goals

PENNSTATE



World Campus

- Master of Professional Studies in Turfgrass Science
- Bachelor of Science in Turfgrass Science
- Associate in Science in Turfgrass Science and Management
- Advanced Certificate in Turfgrass Management
- Basic Certificate in Turfgrass Management

Becker Underwood Vision Pro HD

beckerunderwood.com

GIS Booth #2852

- Long-lasting, natural-looking green color that won't turn blue
- No adverse effects or breakdown associated with UV light
- Safe for all types of pump seals
- Compatible with conventional plant protection products



Jacobsen Mystery Machine

jacobsen.com

- Something new is coming from Jacobsen. On Jan. 15, at 5:10pm EST, Jacobsen will rip the cover off this machine to reveal a game-changing new product. As the anticipation and excitement builds, Jacobsen is asking people to guess what's under the cover. Go to jacobsen.com and make your guess. All guesses will be entered into a drawing for some great prizes. Of course, the product will be on display (without the cover) in Jacobsen's booth at the Golf Industry Show in San Diego.



Jacobsen 15-Blade Reel for Walking Greens Mowers

jacobsen.com

GIS Booth #

- 15-blade Classic XP reels now come standard with GK 500 series and PGM walking greens mowers. 15-blade reel provides superior frequency-of-clip compared to competitive mowers
- Entire line of Jacobsen walking greens mowers - including the revolutionary ECLIPSE2 series - now come standard with 15-blade Classic XP reels



Jacobsen ECLIPSE 322 Riding Greens with Advanced Lithium Power

jacobsen.com
GIS Booth #

- Beginning in 2013, Eclipse 322 riding greens mower will be offered with advanced lithium battery technology
- Able to cut 18 greens plus practice putting greens on one charge
- The lithium batteries never need maintenance
- Will last 6-8 years – approximately 2,000 cycles



Syngenta Secure Fungicide

syngentaprofessionalproducts.com
GIS Booth # 4339

- Multi-site contact fungicide and the only registered fungicide for turf in FRAC group 29
- No known disease resistance, and low risk of future resistance
- Perfect rotation partner with Daconil Action fungicide for season-long contact protection
- Perfect partner with systemic fungicides for inside out protection



Syngenta Briskway Fungicide

syngentaprofessionalproducts.com
GIS Booth # 4339

- DMI containing fungicide that can be used in even the hottest months
- No heat restrictions with no growth regulation effects, thinning or phytotoxicity
- Creeping bentgrass, Poa annua, and Bermudagrass are protected at any height of cut
- Controls over 20 diseases including dollar spot and anthracnose
- Excellent rainfastness from rapid uptake into leaf tissue
- Several plant health benefits including enhanced root development and CO2 assimilation



Syngenta Appear Fungicide

syngentaprofessionalproducts.com
GIS Booth # 4339

- Two components work together to enhance control of pythium and anthracnose
- Improves summer stress tolerance and overall turf quality
- Unique pigmented formulation provides a deep green color resulting in greater turf quality
- Can be used under extreme summer temperatures
- Mixes easily with Daconil Action fungicide or Secure fungicide



TurboDrop Asymmetric DualFan Nozzle

turbo-drop.com
GIS Booth #4659

- Spray twice in one pass
- Maximize coverage and minimize drift
- Excellent for contact fungicides, growth regulators, foliar amendments, colorants, and anything else that requires maximum coverage on the leaf surface
- Air induction nozzles are designed specifically for turf grass applications



ProScape 20-0-10 60% MESA 100% EXPO SGN 145

GIS Booth #1929

lebanonturf.com

- Product number 2253717
- SGN 145 is perfect for close cut turf of fairways and tees
- Contains dual slow release of nitrogen and potassium
- MESA provides brilliant color without growth spikes
- EXPO helps protect turf during summer stress conditions
- Highly efficient, long-term feeding product



Trojan Battery Traveler 8V and Ranger 160

GIS Booth # 3521

- Batteries feature the longest life and longest range in the industry and deliver a new class of deep-cycle battery technology
- Traveler 8V provide more than 40 percent longer life, Ranger 160 deliver 35 percent more travel distance between recharges current 8V golf batteries
- Traveler 8V's internal elements include Trojan's new Internal Battery Protection System which features thicker grids, membrane-wrapped plates, and the exclusive T2 Technology with Maxguard T2 multi-rib separators
- Traveler 8V incorporates a moss guard which insulates and protects the top of the battery plates, and features stronger case walls to increase durability
- Traveler 8V is compatible with Trojan's HydroLink single-point watering system
- Ranger 160 deep-cycle battery is optimized for excursions that require significantly more range
- As an 8-volt, high-performance battery, the Ranger 160 is rated at 160 minutes when discharged at 56 amps
- Is the first U.S.-made long-range product manufactured to meet the increasing demands of golf carts, utility and low-speed passenger vehicles, as well as hunting vehicles
- Ranger 160 delivers 35 percent more run time between recharging c
- Ranger 160's internal design includes more active material delivering higher performance for long-range driving requirements, plus the exclusive Maxguard T2 multi-rib separators and T2 technology



Clearscape ETQ Fungicide

sipcamadvan.com

GIS Booth #3818

- Combines tebuconazole, a much anticipated DMI fungicide for use on golf course turf, with ETQ technology
- New tool for managing disease and turfgrass stress with a single product
- ETQ technology enhances turf quality and manages turfgrass stress factors such as heat and UV light
- DMI fungicide technology controls disease by inhibiting processes related to fungal biosynthesis, which disrupts target pathogen growth
- Provides rapid plant uptake, preventative and curative control, low use rate, application flexibility and delayed resistance development
- Controls anthracnose, dollar spot, brown patch, pink and gray snow mold, gray leaf spot and other diseases in turf
- Excellent tank mix and fungicide rotation partner

Clearscape[®] ETQ[™]
Turf Fungicide

Echo Dyad ETQ fungicide

sipcamadvan.com

GIS Booth #3818

- Next generation chlorothalonil plus ETQ formulation delivers broad-spectrum disease control and sunscreen-like protection from harmful UVA and UVB rays, while protecting from heat and other stress factors
- Contact fungicide with a multi-site mode of action interrupts the metabolic activity of fungal pathogens and prevents resistance issues
- ETQ technology improves fungicide effectiveness by making plants more efficient
- Improves turf color, strength, density and consistency
- Contains 4.17 lbs. of active ingredient per gallon . . . a different use rate than conventional chlorothalonil products
- Prevents dollar spot, brown patch, leaf spot, gray leaf spot, anthracnose and other diseases
- Natural adhesion to plant blade eliminates need for surfactants



Eclipse ETQ

sipcamadvan.com

GIS Booth #3818

- ETQ technology combined with broad-spectrum dicarboximide fungicide with protective and curative action that inhibits spore germination and fungal mycelium growth
- ETQ technology provides sunscreen-like protection from harmful UVA and UVB rays, heat and other stress factors, while improving turf color, strength, density and consistency
- ETQ technology improves fungicide effectiveness by making plants more efficient
- Combination of active ingredient and ETQ technology protects grass blades while controlling dollar spot, brown patch, leaf spot, Fusarium blight, pink and gray snowmold, Pythium blight and other diseases
- Only snow mold fungicide with ETQ advantages
- Excellent tank mix and rotation partner in complete fungicide program



E-Scape ETQ

sipcamadvan.com

GIS Booth #3818

- ETQ technology combined with unique pairing of multi-site mode of action contact fungicide and DMI systemic fungicide
- Contact fungicide interrupts metabolic activity of fungal pathogens while the systemic fungicide inhibits processes related to fungal biosynthesis, which disrupts target pathogen growth
- ETQ technology provides sunscreen-like protection from harmful UVA and UVB rays, heat and other stress factors, while improving turf color, strength, density and consistency
- ETQ technology improves fungicide effectiveness by making plants more efficient, promotes optimum aesthetic response and provides complete plant protection
- Combination of active ingredients and ETQ technology protects grass blades while controlling dollar spot, brown patch, leaf spot, gray leaf spot, anthracnose, powdery mildew, Fusarium patch, summer patch and other diseases
- Ideal fungicide for Poa annua/bentgrass fairways



True-Surface Greens Care Collection

true-surface.com

GIS Booth #4622

- 12 Interchangeable Inserts - The Greens Care Collection (GCC) will do what would normally take multiple types of equipment to perform. Stop buying expensive equipment - just start your collection of greens care inserts
- Sturdy Frame Design - Unlike other interchangeable systems, True-Surface is not compromised by a flimsy clam-shell design. The Greens Care Collection frame is designed to withstand golf course conditions such as weather, shop floors, and chemicals
- Easy-to-use Depth of Cut Site Gauge - No more counting "clicks" and turns, the Patented True-Surface Depth of Cut Adjuster has a Site Gauge that allows you to quickly adjust your settings by simply choosing your mark
- Time Saver - Quickly attach the GCC directly to your existing triplex - no training necessary
- No Clean-Up Necessary - The True-Surface vacuum effect efficiently throws debris into the grass baskets



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FieldScout GreenIndex+ App

specmeters.com

GIS Booth #3624

- Use the power of your smartPhone for nitrogen management
- Captures and processes images from an iPhone, iPod Touch, or iPad and instantly computes the DGCI (Dark Green Color Index) of your turf
- Generates a turf-color rating
- Corrective measures, based on early diagnosis of severe nitrogen deficiencies, can prevent unhealthy turf
- Data can be logged and geo-referenced, and emailed to your PC for further analysis



Jetphiter Fungicide

phoenixenvcare.com

GIS Booth #529

- Contains potassium phosphite plus pigment, with signal word "Caution"
- Exclusive formulation of the top preventive fungicide active for Pythium in warm- and cool-season turfgrass
- Provides consistent, effective control of pythium and phytophthora (root and crown rot, cankers, foliar blight), downy mildew, bacterial blight and xanthomonas
- Offers suppression of powdery mildew and black spot
- Available in 2 x 2.5 gallons; and 7.5 gallon BATpak (Buy, Apply and Turn-in)



PILOT Irrigation System from Hunter

GIS Booth #5138

hunterindustries.com

- Exclusively for golf courses
- Features desktop computer-based central control software; two types control systems with advanced below-ground decoder system with hubs available in 250, 500, 750 and 999 station plastic pedestals with up to 120 simultaneous station activation and conventional above-ground controller system with controllers available in 30, 40, 50, 60, 70 and 80 station plastic pedestals with up to 17 simultaneous station activation
- Communication technologies include wired, UHF radio, license-free spread-spectrum radio
- Available in English, French, German, Spanish, Chinese and Korean
- Controller includes Hunter's exclusive Safe-Toggle station switches standard
- Add Hunter's maintenance radio and enjoy wireless remote control even before the central control is set up



VERDE-CAL K Plus 0-0-15

aquaaid.com

GIS Booth #4222

- Contains Sulfate of Potash, Calcium Sulfate, Magnesium Sulfate
- Now with L-Amino Acids, Iron Humate, and Manganese Sulfate
- AQUA-AID's exclusive thCa releasing mechanism helps VERDE-CAL K Plus break down with shorter irrigation cycles after application
- Supply Ca, Mg, K, S, Fe, and Mn in a single application



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at the GIS Show

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- Orders over \$750 retail will receive a **10% discount and a core profiler.**
- Orders over \$1,200 retail will receive a **15% discount and JRM hat.**
- JRM Core Profilers and Hats are while supplies last!
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Travels With Terry

Globetrotting consulting agronomist Terry Buchen visits many golf courses annually with his digital camera in hand. He shares helpful ideas relating to maintenance equipment from the golf course superintendents he visits – as well as a few ideas of his own – with timely photos and captions that explore the changing world of golf course management.

MECHANIC'S STAINLESS-STEEL SHOP TABLE

The Kenosha (Wis.) Country Club remodeled their clubhouse kitchen and they were given a discarded stainless steel table, which was recycled by Scott Verdun, golf course superintendent, Nate Keller, former assistant superintendent, and Dann Steltenpohl, mechanic, and transformed into a mechanic's stainless-steel shop table. The legs were cut-off of the 8-by-3-foot stainless-steel table top and the new wooden frame below was built using 7-foot-10-inch-long and 2-foot-by-10-inch-wide dimensions. The main wooden frame is made of 2-by-6-inch construction pine with 2-by-4 boards for additional support every 10.5 inches. The frame is held together using 16d 3/2-inch nails. 4-by-4 posts makeup the table legs, which are anchored to the main frame using 7-inch lag bolts. An additional shelf was made 18 inches above the floor, supported by a 2-by-4-inch frame covered with 3/4-inch plywood, which is commonly used for tools and parts storage. The top of the wooden frame was covered with 3-by-4-inch plywood with two 1-by-4-inch holes drilled in all four corners to slide the original table leg supports into. With all its sturdiness, this table can easily support the weight of two walk-behind greens mowers in addition to a 210-pound superintendent, who tested the stability and safety. This table is quite heavy and sturdy, which does not require it to be bolted to the floor, so it can be moved whenever necessary. The total material costs were approximately \$80 and it took about 1 1/2 hours to build.



EQUIPMENT LIFT TABLE

The 4-foot-by- 4-inch wooden lift table is placed on the lift arms on the Trion Equipment Lift, which is held in place by gravity and it can be easily removed as required. It is used primarily to elevate the walk-behind green's mowers and small equipment for daily service and preventative maintenance. The table top is made of 3/4-inch plywood. The bottom of the table is supported by three 44-inch 2-by-4 beams screwed to the plywood and three additional 44-long inch 2-by-4 beams at 90 degrees for additional support and stability on the lift. All screws on the surface were countersunk so moving equipment around would not catch on the screws. The front rollers of the walk-behind mowers are placed on the platform then the handle is lifted to place the rear roller and transport wheels onto the table in lieu of using ramps. All of the materials were already in stock. If they were purchased the project would have cost approximately \$35. Total labor time was about one hour. Scott Verdun, superintendent, former assistant superintendent Mike Kudrna, and mechanic Dann Steltenpohl are the innovators at the Kenosha (Wis.) Country Club.

