

## A little optimism wouldn't kill us

When I joined *Golf Course News* in early 1992, one of the first stories I wrote concerned the record

number of courses that had opened for play the previous year. Three hundred and fifty one, to be exact. Frankly, I had expected a great deal of flag-waving from the various industry sources. I mean, who could possibly find something negative to say about a new course coming on line virtually every day?

Nevertheless, because I was new, I was determined to write a straight and sober business story concerning the industry's future prospects. To my shock and surprise, experts from all corners of the market made my job remarkably easy, as they were nearly unanimous in their caution. Further, their lockstep explanations of the aberrational boom and coming downturn were positively eerie; as if Marlin Fitzwater had briefed them all before my call.

"The industry really can't sustain this type of growth every year," they explained with great reserve. "It would be wise to view 1991 as a peak year, after which the annual openings should slide off to about 250, which is a far more sustainable figure. You see, it was very difficult to secure financing in the early 1990s, which should significantly affect the pipeline in years to come."

Ah, the infamous pipeline: That mysterious road down which all golf course projects must pass — some more quickly than others, some more slowly. I would soon learn how the pipeline could be used to rationalize almost anything that takes place during the development process.

A year later, in 1993, the staff here learned another 354 golf courses had opened for play the previous year. Certainly no market correction there, but the pundits steadfastly refused to be seduced by optimism.

"The pipeline takes at least two or three years," they reminded me. "The courses opening now were funded before the financing troubles of 1991 and '92. Besides, the environmental permitting restrictions are becoming tougher and tougher every year. This 354 figure probably constitutes our high-water mark. In the years to come, 250 openings a year is a more reasonable goal."

This, of course, sounded vaguely familiar. But who was I to argue? So what if there were record numbers of courses under construction, strongly implying that openings would continue apace? The pipeline is an enigmatic marvel, I was told, and can't be relied upon to deliver a consistent flow of new courses.

Miracle of miracles, another "peak" year was to follow. Here's the lead from my 1994 story: "A whopping 358 golf courses opened for play during 1993, as public-access development continues to dominate a market that — despite a bevy of cool-headed forecasts — has sustained its considerable momentum."

I vividly remember writing that story because 1) I really like the word "whopping," and 2) I was beginning to get wise. Indeed, further along in the same story I actually tried to pin down the soothsayers by politely confronting them with their

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Hal Phillips,  
editor

## New PGA product noted for its reserve & civility

"I can live for two months on a good compliment."

— Mark Twain

Pros and superintendents. Superintendents and pros. There were days and golf courses where the twain (get it?) never met — unless they were the same person. But in more and more places in these modern days, pros recognize the importance of the superintendent to the survival of their golf club.

Nowhere is this better exemplified than at PGA Golf Club at the Reserve in Port St. Lucie, Fla., where PGA Golf Properties has opened its first home course for club professionals as well as the public (see story page 1).

Listen to this; isn't this refreshing? "We are very proud of the dollars we expended on the maintenance complex," said Senior Director of Operations Marty Kavanaugh.

"The maintenance complex is always an afterthought. But we built the maintenance complex before we built the PGA golf professional's golf shop."

Pointing to Turf Operations Manager Rick Wise, a certified golf course superintendent, Kavanaugh said: "This [The Reserve] is really a partnership with the Golf Course Superintendents Association of America. The GCSAA can take pride in this facility, too."

Explaining that at The Reserve each person is responsible for "the PGA experience," Kavanaugh added: "We recognize that in most golf operations, golf professionals and superintendents don't have compatible goals. Golf pros are compensated on income and rounds played. Superintendents are compensated on quality of the golf course. Here, they are compensated on the PGA experience and the ability of the club to make money.

"So, the goals are very, very compatible. And, when the golf course is closed, you'll know it has to be closed..."

From joining the facility in the Audubon Signature Program to overseeing construction of a magnificent maintenance complex that is a model for environmental protection, Wise is as much a beacon for superintendents around the country as Kavanaugh and Head Golf Professional Bill Cioffoletti are for pros.

Congratulations is due them all. Pros and superintendents working in concert... What a concept!

...  
If a person plays golf every day for 70 years, his chemical exposure level is one-third below the federal "no-effect" levels. That according to a University of Florida risk assessment.

...  
The USGA Green Section's Jim Moore has coined a new term: "Hydromagnetism." His definition? "The sprinkler closest to the control box is most likely aimed at you."

Moore, director of the Mid-Continent Region, also has this observation: "Whenever you have an area of a green that will be



Mark Leslie,  
managing editor

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## Letters

### PRAISE FOR GOLF COURSE EXPO

To the editor:

It was a pleasure to meet you at the 1995 Golf Course Expo in Orlando. I have come to rely heavily on your publication to keep abreast of the golf industry, and have found it a very useful source for products and services that my company needs to be competitive in today's market. Please keep up the good work with the magazine.

I was extremely pleased with Golf Course Expo. The topics covered in the seminars were very informative, and the quality of the speakers was excellent. I took two of my staff members with me so we could cover all of the things we wanted to hear. I would highly recommend this event to others in the golf course industry. Both the Dye family and Mr. Robert Dedman were fantastic keynote speakers, and

the entire atmosphere of the event was conducive to exchange of information and interaction with others in the business.

Thanks again for the excellent work. I am looking forward to receiving your magazine in the future.

Del Ratcliffe  
President

Ratcliffe Golf Services, Inc.

### IS THAT LEADERSHIP?

To the editor:

I would like to congratulate you on your October "Members, General Managers: Summer of Their Discontent?" [Leslie commentary, page 8]

You posed some very interesting comments. It is unfortunate that the American golfing public and those possessing leadership roles have such minimal understanding of golf course management-related issues.

Unfortunately for the golf course superintendent, those same members, green chairmen and general managers who are so quick to terminate someone, are the same people that will so readily accept all the credit when things are in peak condition.

As a golf course superintendent, I appreciate you having the insight and understanding and courage to present an editorial of such important subject matter and relevance.

Tommy D. Witt, CGCS  
Wynstone Golf Club  
North Barrington, Ill.

### MEASURING GREEN SIZE PART II

To the editor:

In a recent issue (October 1995), you had an article in *Golf Course News* about the Palmer Maples method of measuring golf greens — a method that

many superintendents have used for 30-some-odd years and still a very good method to get the square footage of a golf green.

I would like to inform you of a newer and easier method of obtaining the square footage of golf greens and the plotting of any type of golf green configurations along with the sand traps, irrigation heads, and drainage systems.

This system was invented by Don Martinez, a senior foreman at the Silverado Country Club in Napa, Calif.

He has come up with a simple way to draw to 1/16th-inch scale any irregular object and apply it directly to drawing paper in the field! With this system you can also transpose from the drawing back out into the field to redefine the perimeter of the golf green as it changes over the years or to design a new golf

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# GOLF COURSE NEWS

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## Letter: Measuring green size, Part II

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green, sand trap, or drainage system.

You need one triangulation. Two stationary objects (two irrigation heads) at about a 90-degree angle from each other. The drawing board is placed somewhere near the middle of the green. A 100-foot tape is attached to the 1/16th-inch scale. The measuring tape is then pulled out to the irrigation heads and the measurements are put onto the drawing paper with a simple dot being

placed next to the correlating measurement on the 1/16th-inch scale. From this point on, everything is in 1/16th-inch scale and the correct rotation! As you pull the tape around the perimeter of the green, calling out the measurements at your preference of either one, two, five, or 10 steps, the scale will follow and you apply the measurement dot next to the scale.

Once you have completed the circumference of the green, connect the dots and

you the exact configuration of your golf green — to 1/16th-inch scale.

To find the total square footage, you use the 1/16-inch clear grid that goes over your drawing, count up the total 100 square footage grids (they are highlighted) within the green, then go to those that partially fall in the configuration of your green, add those up and you have the total square footage of the golf green.

As you can see, this is a simple method of drawing your golf greens; finding the square footage of your golf greens;

redefining your golf greens; or designing a new green from your office, as everything is now in 1/16th-inch scale.

This new product was shown and advertised this past year in *Golf Course News* and at the golf show in San Francisco. We have already sold a number of these boards to golf course superintendents, landscapers, and golf course designers. Greenscape has bought units for all of its field installers for doing their as-builts.

Robert L. Holland  
B.H. Sales  
Santa Rose, Calif.

### MILLER-SELLEN PROMOTES TWO: FRAZEE, WARREN

ORLANDO, Fla. — Neil Frazee and Eric E. Warren have been promoted to posts as vice presidents at Miller-Sellen Associates, Inc., urban planners and engineers who perform golf course consulting. Frazee has served as senior project manager for the firm since 1990. Warren has served as senior project manager, water resources/civil engineering and as project engineer since joining the firm in 1990.

## Confused By Particle Size Claims?

# We Asked An Independent Laboratory To Level The Playing Field.

The Andersons has long prided itself on its innovative technology regarding our uniform, mini particle sizing capabilities. And, according to recent independently conducted research, we have every good reason to take pride. After all, our greens grade products were tested against our leading competitors — Scotts, Lebanon and Vigoro — and the results were convincing.

## The Importance of Proper Sizing and Uniformity

There are two key measurements that help determine the performance of a greens grade fertilizer product.

**SGN (Size Guide Number)**...this has to do with the size of the granules. For greens, the particles need to be very small to penetrate the turf canopy and not interfere with playability. On the other hand, particles can't be too small or they can be blown away — dust-like — during application.

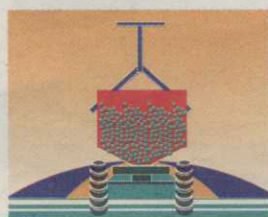
**The Andersons SGN specification for ideal greens grade performance is 90 to 100.**

**UI (Uniformity Index)**...this has to do with size uniformity. Granule uniformity is critical to assuring the even distribution of product during application. Granule ballistic characteristics change according to size. The more uniform the granules the more controllable the application. **The Andersons UI specification for ideal greens grade performance is 50 to 60.**

### Lab Results For Greens Grade Products

Company	SGN#	UI
<b>The Andersons</b>		
TeeTime 21-3-16	90	53
<b>Lebanon</b>		
Country Club 18-3-12	135	52
<b>Scotts</b>		
Scotts 22-0-16	110	42
<b>Vigoro</b>		
Par Ex 21-3-16	90	36

### Application Uniformity

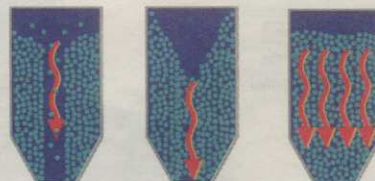


The importance of uniformity in application is demonstrated here. If a wide disparity exists in particle sizing, the risks of uneven — and improper — product coverage increases.

**Trajectories For Several Sizes Of Granular Raw Materials (Granular Urea)**

- 3.3 mm / 6.2 ft.
- 1 mm / 5.2 ft.
- .5mm / 4.2 ft.

### Applicator Flow Through



The Andersons greens grade product uniformity helps deliver the product to the turf consistently for maximum effectiveness.

### Count on The Andersons for "Right-Sizing" and Uniformity

All of The Andersons Tee Time professional golf course products are "right-sized" for specific application requirements. And with our innovative uniformity processing, you can be sure you get the sizing you need particle after particle after particle.

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## Leslie comment

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a hot spot, it's on the opposite side of the sprinkler head."

Did summer ever truly come to Colorado? After a spring lengthened to August by lingering snowstorms, *Voila!* Snow again, in October. As irrigation specialist Larry Rogers said: "Denver winters are like a schizophrenic wife. You don't know what you're going to wake up to next."

You've heard of word-of-mouth successes. How about a word-of-computer success? We give two thumbs-up to the USGA and its entrance into the world of the Internet (see story, page 15). Congratulations to Netmeister Dean Knuth and the gang. Here's an eclectic kind of plea: Please more fully address the concerns of golf course superintendents; keep a check on the number of requests for information from the Green Section agronomists, who already are inundated with "paid" work.

Sombody sign up those golfing superintendents in Georgia to a long-term playing contract! In September, superintendent Terry Vassey of Berkeley Hills Country Club made his first hole-in-one (and won \$10,000) on the challenging 8th hole at The Fields Golf Club in LaGrange, Ga., at the Georgia GCSA's Superintendent/Vendor Tournament. In November superintendent Jimmy Geter of Marietta Country Club dropped in an ace from 142 yards out at Jekyll Island Golf Club. What was it worth? A Bahamian vacation that includes a cruise ship sail for two to Freeport, with deluxe accommodations at Xanadu Beach and Marina Resort. Could this degree of accuracy scare away future donors? Phew!

One of my favorite comments of the summer came during a talk with Palmer Golf Design Co. President Ed Seay.

Talking about the use of porous ceramics in root-zone mixes, he said, "We're getting so high-tech in soil now that dirt's no longer dirt."