

Letter: Measuring green size, Part II

Continued from page 12
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
The Andersons		
TeeTime 21-3-16	90	53
Lebanon		
Country Club 18-3-12	135	52
Scotts		
Scotts 22-0-16	110	42
Vigoro		
Par Ex 21-3-16	90	36

Application Uniformity

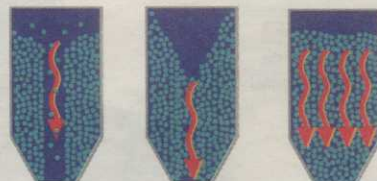


The importance of uniformity in application is demonstrated here. If a wide disparity exists in particle sizing, the risks of uneven — and improper — product coverage increases.

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.

the professional's partner®

The Andersons

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® Par Ex is a registered trademark of Vigoro Industries, Inc.
® Scotts is a registered trademark of The O.M. Scott & Sons Company
® Country Club is a registered trademark of Lebanon Chemical Corporation

CIRCLE #110/GCSAA BOOTH #3172

Leslie comment

Continued from page 12

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.

Somebody 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."