

# Bubble level a multipurpose wonderkind on the course

By KEVIN ROSS

In today's fast-paced world of high-technology, high-priced gizmos, some very inexpensive items can still be of value. One of my favorites, with a mere \$3 to \$5 price tag is the 360-degree bubble level.

I started using this device years ago when I challenged my assistant at that time, Glenn White (now superintendent at Campbell Scottish Highlands in New Hampshire)

to make sure the irrigation heads he was working on were "perfectly level."

After completing the job and informing me they were perfect, I came up with the idea to check them with a bubble level. Using the level, we found not one head was perfect but



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all were close. Since that day, we decided to use the bubble level as a standard tool whenever installing or leveling irrigation heads.

With this device, you can have your heads absolutely perfect for maximum operational effi-

ciency. Some heads that are on severe slopes may have to be compensated slightly, but in most cases, it can be used for the majority of heads.

This tool can be used for many other purposes as well:

- What about putting it on top of your spray tank to make sure it's level so you can fill to the proper amount?
- What about leveling posts and stakes? Just put it on the top and you're all set (as long as the top is square).
- Do you know if you have level spots on greens for accurate Stimpmeter readings? Just get a 2- by 2-foot piece of plywood, lay it on the green and put the bubble level on the plywood. I'll bet not many of us do have truly level spots.

Some golf course construction companies use a large (12-inch diameter) bubble level as a quick way to measure the slope of a green. They have calculated the movement of the bubble to correspond to the surface slope.

Some golf supply companies have installed a bubble level in the handle of cup cutters to aid in cutting a straight pin.

Whatever the use, I'm sure this device can become very valuable in your toolbox.

If you decide to use it as part of your irrigation maintenance, first extend the challenge to your irrigation technician to level a couple of heads without it. Then check his work with the level. I think you will find you can have some good fun with this challenge.

A Golf Course News Advisory Committee member, Kevin Ross is director of golf course management at Country Club of the Rockies in Edwards, Colo.

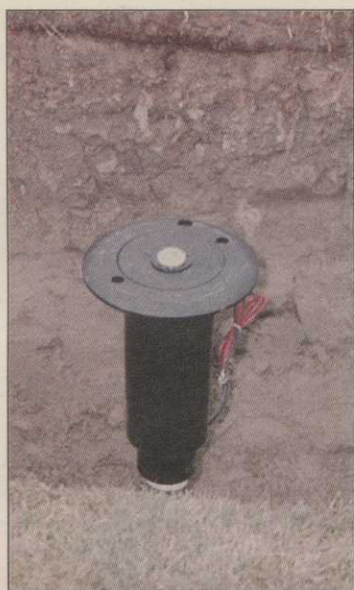
## Dougherty wins Pa. presidency

LANCASTER, Pa. — John Dougherty of Overlook Golf Club here has been elected president of the Central Pennsylvania Golf Course Superintendents Association, succeeding Samuel R. Snyder of Hercules Country Club in Harrisburg.

Dougherty will serve alongside Vice President H. Jim Loke of Bent Creek Country Club in Lititz and Secretary/Treasurer John Gehman of Butter Valley Golf Port in Bally.

The board of directors includes Daniel Achenbach of Foxchase Golf Club in Stevens, W. Richard Kauffman of Village of Old Hickory Golf Course in New Holland, Melvan Leaver of Brookside Country Club in Macungie, Terry Morgan of White Rock Inc. in Fayetteville, Thomas Ocepok of Heidelberg Country Club in Bernville and Ted Zabrenski of Brookside Country Club in Pottstown.

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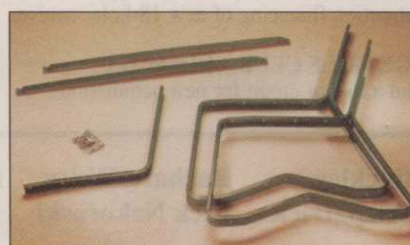
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