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Keith Faber

How, Why Dale Wysocki Became Hole Notes Photographer

"Questions have surfaced about our photos, which run each month. Responsibility for taking photos lies directly on my shoulders. I can take lousy photos with the best of them, my camera can malfunction or developing labs can destroy my best efforts.

"As our publication expands and finances improve, maybe we can get professional help or at least someone who takes the lens cap off!"

> -August 1989 Hole Notes Off the Top of My Head Greg Hubbard, CGCS

It was this invitation or plea for help that said it's time to contribute a service to the association.

As soon as *Hole Notes* is delivered to my mail box, it is the very first magazine I'll read. I feel that *Hole Notes* is the most important form of communication that we as members of the MGCSA have. So when Greg Hubbard's "advertisement" came out, I decided to answer it.

This past year has been good. Granted, there were some moments that were not exactly pleasing, like trying to convince board members that a thin spread of contaminated soil to the rough will not kill the turfgrass that's there.

However, there have been many more great moments. The MGCSA Champion-

ship at Hazeltine, the Stodola Scramble at Dellwood and all the monthly meetings.

So why do it? There comes a time to get involved with something, whether it's coaching bantam hockey or assisting with a committee or doing photography for your favorite association. Besides, those who have seen me golf know and probably feel safer with me having a camera in hand, rather than watching me on an adjoining fairway with a 6-iron in hand.

At Faribault Golf & Country Club the camera is just another extension of a communication tool. When trying to explain why we had "donuts" in my fairways during the three drought years ('87'-88'-89), it was easier to show an aerial photo of the golf course than explain that sprinklers were improperly spaced. Providing this information to the Greens Committee has led to a group of members donating new sprinkler heads for all the fairways.

In 1987, two weeks before our pro-am tournament in August, someone decided that it would be nice to dig for gold on greens 1, 9, 10, 18. To document the damage on film was important at a board meeting and for our request for greens' insurance.

During MGCSA meetings all photos were shot with Kodak Plus-x black and white film (125 ISO). When shooting film for myself, it's usually Kodak Ektar color print film in my Canon T-70 35 mm camera and color slide film in my Canon EOS 750. 35 mm cameras are as important as a video camera or a personal computer. With most of today's cameras it's just take off lens cover, aim and shoot. All film processing is done by Pro-Ex.

After seeing some of the other magazines out there, I know we are on the right track to having one of the nation's best publications. All we have to do is take the time and offer to contribute something. Thanks go to Greg Hubbard for the encouragement and to Turtinen Communications for being able to read my writing, and for getting us on the right track.

> —Dale Wysocki Superintendent Faribault Golf & Country Club



Diazinon Registration Cancellation Final

EPA Administrator William K. Reilly cancelled registrations of diazinon for use on golf courses and sod farms on July 12. The cancellation order was set aside earlier.

However, the U.S. District Court of Appeals for the Fifth Circuit and Reilly determined that proof of diminished bird population was not required for this cancellation order. Ciba-Geigy has filed a motion to reconsider the final order, but it is unknown at this time how long this process will take. Superintendents who still have diazinon in storage have the option of returning the chemical to their distributor.

Troll Receives Green Section Award

Dr. Joseph Troll, a renowned educator in the turfgrass industry, is the 1991 recipient of the Green Section Award of the United States Golf Association.

The award has been presented by the USGA annually since 1961 in recognition of distinguished service to golf through work with turfgrass. Dr. Troll received the award in February at the Golf Course Superintendents Association of America Conference and Show in Las Vegas, Nev.

During his tenure at the University of Massachusetts, an estimated 1,100 students were graduated from the program he directed, one of the largest number of graduates by any university in this country. A large majority became golf course superintendents.

Dr. Troll also helped establish the Turf Research Center in South Deerfield, Mass., which is active in all aspects of research and testing new grass varieties.

Although he retired from the University of Massachusetts in 1988, he remains active in turfgrass studies. He is the general chairman of the Massachusetts Turf Conference, one of the largest assemblies of golf course superintendents and turfgrass personnel in the country, and he has assisted the Northeastern Region of the USGA Green Section in its Turf Advisory Service visits.

In 1983 he was the recipient of the Distinguished Service Award from the Golf Course Superintendents Association of America.

As one nomination said: "The turfgrass management industry and the quality of our golf courses have made tremendous improvements within the last three decades. Unquestionably, most of this has occurred because of better educated golf course superintendents...Dr. Troll loves the game of golf and has worked hard to develop our industry."

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Greens King IV[®] the most popular greens mower in the world. With the lightest footprint in the industry, the Greens King has the best weight distribution between all three wheels to minimize compaction. **Exclusive features are standard.**

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conditioner gives a smoother, truer putting surface without grain. The unique design increases green speeds up to 25% without lowering height of cut, producing truer and healthier greens.

Now heavier, larger diameter rollers, higher side frame clearance and improved durability make the Turf Groomer better than ever. Quick-lift levers let you raise the Turf Groomer %" to skip conditioning.

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Making tournament quality fairways a daily event Jacobsen's LF-100 lightweight fairway mower gives your fairways, that TV-ready appearance

Golf courses across the country are finding they can have fairways with a flawless, manicured cut, and still keep their mowing costs under control with Jacobsen's LF-100. Many major tournament courses are using the LF-100 to get their fairways into top shape for TV.

Golfers love the smooth, even cut that gives their ball a perfect lie anywhere on the fairway. **Course superintendents** love the high productivity and dependability.

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BETTER TURF CARE FROM THE GROUND UP

The Importance of Protective Clothing

Did you know that the most frequent way people are injured or poisoned by pesticides is through contact with their skin? Spilling a little pesticide onto your skin may result in a burn or rash, and many pesticides may not appear to injure your skin at all. However, most pesticides can be absorbed into your body through your skin. Once absorbed, the pesticide can be quickly picked up into your blood. The blood then transports the pesticide to other parts of your body.

Pesticide labels tell you what type of protective clothing is required. However, make sure the protective clothing and gloves you use are clean. If they have any pesticide residues on them, and you put them next to your skin, you will probably absorb some of that residue into your body.

Using pesticides safely means protecting yourself as well as the people and the environment around you. Pesticides that get into your body can make you sick, sometimes very sick. Protect your health by always wearing the protective clothing.

Halon Ban Spurs Search For Alternatives

An international treaty will halt production of halon, a popular fire-fighting agent, by the year 2000. Halon is closely related to chlorofluorocarbons, which have been linked to ozone depletion.

Chemical companies are rushing to develop halon alternatives before the ban takes effect. Superintendents considering halon systems for their pesticide storage buildings or other club facilities should stay aware of existing alternatives.

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CORING SWATHE	49" (1240 mm approx.)		
CORING DEPTH	0—3¾ (95mm approx.)		
Width 55" (1400mm app	IMENSIONS OVERALL Height 21" (530mm approx.) Width 55" (1400mm approx.) Depth 21" (530mm approx.)		
WEIGHT	900 lbs. (400kg approx.)		
TRACTOR SIZE 15—60 H.P. with standard 3 point lingage and category 1 P.T.O. drive shaft.			
TINE SIZES Quadra ¹ /4", ³ /8", ¹ /2" and ⁵ /8", (6mm, 10mm, 13mm and 16mm)			
OPERATING SPEED Variable up to 30,000 sq. ft. per hr. (2,800m ²) subject to pattern selected.			
centers longitudinally. (2	25, 50, & 100mm centers		
CALL FOR A	DEMO TODAY		
	SPECIFICATIONS CORING SWATHE CORING DEPTH DIMENSIONS OVERALL Height 21" (530mm app Width 55" (1400mm app Depth 21" (530mm app WEIGHT TRACTOR SIZE 15—60 H.P. with standa category 1 PT.O. drive s TINE SIZES Quadra ¹ /4", ³ /8", ¹ /2" and and 16mm) OPERATING SPEED Variable up to 30,000 so subject to pattern select AERATION PATTERNS Variable 1", 2" and 4" of centers longitudinally. (2 laterally X 25 & 125mm	SPECIFICATIONSCORING SWATHE49" (1240 mm approx.)CORING DEPTH0334 (95mm approx.)DIMENSIONS OVERALLHeight 21" (530mm approx.)Width 55" (1400mm approx.)Depth 21" (530mm approx.)Depth 21" (530mm approx.)Depth 21" (530mm approx.)WEIGHT900 lbs. (400kg approx.)TRACTOR SIZE1560 H.P. with standard 3 point lingage and category 1 P.T.O. drive shaft.TINE SIZESQuadra $1/4", 3/8", 1/2"$ and $5/8"$, (6mm, 10mm, 13mm and 16mm)OPERATING SPEEDVariable up to 30,000 sq. ft. per hr. (2,800m²) subject to pattern selected.	

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Protecting Our Groundwater Resources

By JAMES D. GARDNER Golf Course Superintendent Rochester Golf & Country Club

Clean potable water is essential to all of us. Heightened media awareness, an increased number of well tests and especially state of the art detection devices (partsquadrillion) have brought groundwater protection to the forefront.

The hydrological cycle is a very dynamic system, and all components are integrally connected to each other. We must continue to understand how our golf courses interact with the environment and the hydrological cycle. Site geology, well protection, proper storage and the use of chemicals and turf maintenance practices are all areas that should be evaluated and incorporated into your maintenance and management programs.

The geological origin and history of your site can play a very significant role in determining how suceptible your groundwater is to contamination. Even though all aquifers need to be protected, certain geological characteristics are more susceptible than others to point source contamination. An example is the karst geology in southeastern Minnesota, which features cracks and fissures in the limestone bedrock. This sometimes will provide a direct path from the land surface to the groundwater. Find what your golf course site geology is and integrate those factors into your groundwater resources protection plan.

Wells are a direct source to underground aquifers. Location and site protection of these areas are of paramount importance. All wellheads should be properly sealed and protected from surface runoff with a diversion berm. Back siphon devices need to be incorporated into all pipe(s) leaving the well and any fill hose bibs. Make sure that any abandoned wells are properly inspected and sealed. Where are your well sites in relation to your chemical storage and mixing areas? These areas should be a minimum of 150' from any wellheads.

Leaking underground storage tanks (USTs) are undoubtedly one of the biggest point source pollutants of our groundwater. Assess your present situation and make sure all your USTs are registered with the State of Minnesota and that you comply with all other maintenance procedures for maintaining them. For questions about UST registration and other relevant questions call the MPCA (Minnesota Pollution Control Agency) at 1-800-652-9747.

Turfgrass, in itself, is nature's greatest filter system. High plant density and the unique quality of thatch give turf the ability to absorb, adsorb and also biologically and chemically degrade compounds. This ability combined with environmentally sound turf maintenance practices of IPM (Integrated Pest Management), irrigation and fertilizer use, and the management of potential groundwater sensitive sites greatly reduces the potential of contamination.

By practicing IPM and evaluating your chemical tools based on their mobility, toxicity and persistence in the soil, you can further refine your program.

Fertilization practices should include the use of slow release, phosphorus-free fertilizers around wetlands and other bodies of water. Reducing applications of soluble fertilizers will prevent possible runoff when the plant absorption decreases during cooler months. Evaluate your fertilizer program and reduce the amount of water soluble components used in the cooler months.

Judicious and timely use of irrigation will help reduce any runoff possibilities. Application of plant protectorants should be delayed if rainfall is imminent.

Protect groundwater sensitive areas from highly maintained areas by using untreated vegetative buffer zones.

It is our responsibility as stewards of the land to understand and continually update our profession to meet the demands of today and the future.

By incorporating sound environmental practices into all areas of our maintenance program, we can continue to make our golf courses beneficial environmental assets.

1991 MGCSA Monthly Meeting Sites

Date	Location	Sponsor
April 22	Owatonna CC (lunch)	North Star Turf
May 13	River Falls (lunch)	Cushman Motor Co. Turf Supply (speaker)
June 3	Pebble Creek (lunch)	MTI - Neary Mfg.
July 8	Izaty's (lunch)	Lesco - Deep Tine Aerifying, Keith Faber, Five Star Deep Aerifying Co.
Aug. 19	New Richmond, Wis. MGCSA Championship (dinner)	Polfus Implement
Sept. 16	Golden Valley/Oak Ridge Research Tournament (Dinner at Oak Ridge)	
Oct. 7	Hastings (lunch)	R&W Golf Cars
November (first wk.)	Weather permitting, golf at Mankato	
November 20-21-22	Annual Conference Northland Inn	
	17 III. 18	

ATTENTION SUPERINTENDENTS

Any superintendent who wishes to host a **1992** meeting and any associate who wishes to be a sponsor should contact BOOTS FULLER at Mankato GC. The only date spoken for thus far is the April 1992 meeting at St. Peter. Available dates are May through October, 1992.

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Wanted to buy a used Toro Greenmaster triplex. Must be in very good or excellent condition.

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