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- Moving the cutting-unit mounting point behind center puts balanced force over both rollers improving quality of cut by keeping their cutting units more level during operation.
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the Bull Sheet

Official publication of the MIDWEST ASSOCIATION OF GOLF COURSE SUPERINTENDENTS.

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On Course With the President

This is a unique position for the Midwest. We are in the privileged position of having two fine candidates for GCSAA office in our midst. I speak of course of Bruce R. Williams, CGCS, of Bob O'Link Golf Club who has been nominated for the office of GCSAA Vice President. The other candidate from the Midwest is Tommy D. Witt, CGCS, of Wynstone Country Club who has been nominated for re-election as GCSAA Director. The Midwest Association of Golf Course Superintendents proudly supports each of these fine individuals as they seek their respective GCSAA Board positions. The MAGCS Officers and Board of Directors as well as the voting delegates for both candidates and assisting them as they build toward the GCSAA elections in San Francisco.

Letters of nomination from the Midwest Association of Golf Course Superintendents for both Bruce Williams and Tommy Witt have been submitted to the Nominations Committee of GCSAA. The Chicagoland Association has also tendered letters of support and nomination for each of the candidates. The GCSAA Nominations Committee has acknowledged receipt of the letters of nomination for both Bruce and Tommy. While it is plain that each individual has ample support from the two associations, it would be fitting and entirely appropriate if you as individual MAGCS and GCSAA members would also submit letters of nomination for these candidates. Yes, they have been officially and completely nominated for their offices by the Presidents of the Midwest and Chicagoland chapters. But individual letters of support and nomination are also every bit as desirable as these letters of nomination from the respective chapter Presidents.

I encourage each of you, as contemporaries of Bruce Williams and Tommy Witt, to compose and send letters of nomination on their behalf. For all the time and effort they expend on your behalf, they deserve some measure of your support as they reach for and command these demanding offices. Concerned and committed GCSAA Officers and Directors like Bruce and Tommy justly deserve individual letters of nomination from the people they represent. They are your direct pipeline of answers to the questions of your issues and concerns with GCSAA. Each is only a phone call away, and if past experience is any indicator, any call will net a quick response and provide careful clarification to your inquiry.

Individual letters of support and nomination are also every bit as desirable as these letters of nomination from the respective chapter Presidents.

It's time the Midwest Association of Golf Course Superintendents show its strength and solidarity for these candidates. Let the Nominating Committee of GCSAA know of the measure of "Midwest" support for Bruce R. Williams, CGCS, and Tommy D. Witt, CGCS. Fill their nominating portfolios with letters worthy of these candidates.

Write: Chairman; GCSAA Nominating Committee, GCSAA Headquarters, 1421 Research Park Drive, Lawrence, KS 66049-3859.

ATF

Director's Column

Let's Take The Next Step

by Bob Maibusch, CGCS, MGC

One of the traits that distinguishes a true professional from an also-ran in any endeavor is the willingness to provide opportunities to others as acknowledgement of the good fortune that they have had in achieving their success. The same can be said of professional organizations.



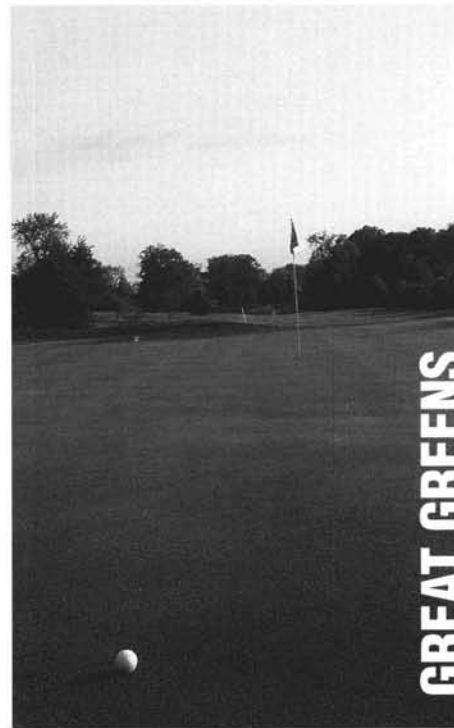
We have seen tremendous growth in our superintendents associations, both locally and nationally. This has come as a result of seizing opportunities, taking calculated risks, perseverance, and old-fashioned good luck. The MAGCS is presently a highly respected and financially strong association. Our financial strength has allowed the MAGCS to support a number of programs (ITF, CDGA, GCSAA, etc.) of great benefit to the membership. All of these efforts have enriched superintendents and enhanced our professionalism. However, the question remains, "Are we doing enough?"

Pursuant to that question, President Al Fierst appointed an ad hoc committee to look into the current and future status of the associations donations. Some findings of the committee are that we are presently donating \$10,500 per annum to charitable causes under the budget line item 'Research'. While these are significant dollars, they fall short of the commitments made by associations a fraction of our size. In fact, MAGCS donations make up only 7% of our total operating budget, and dollar wise are significantly less per year than what we spend on the MAGCS hospitality room at the GCSAA Conference. It was the committee's feeling that the association should strive to reach a target goal of 20% of total operating budget devoted to charitable contributions.

While working towards this goal I would also like the membership to consider diverting some of the associations charity dollars into non-traditional golf course superintendent giving areas. We could further improve our public image by contributing to worthwhile causes that do not directly benefit MAGCS members. The PGA and the Tour have gotten a lot of mileage out of their contention that the number one winner in golf is charity. Likewise, the club managers have received recognition for their Christmas drive for clothes and toys to be donated to underprivileged children.

It seems that given our current financial strength we should be investigating other areas where our association can be of service, to the community, for example contributing to a children's charity, or possibly a hispanic charitable cause in recognition of the large number of hispanics that we employ. We as an association should be doing this not only because of the public relations benefits, but, more importantly, because, given our success it is the right thing to do.

The committee is currently formulating ideas and plans on how additional monies can be raised so that we can expand our scope in this area without negatively impacting our operating budget. If you have any ideas or suggestions please feel free to call me.



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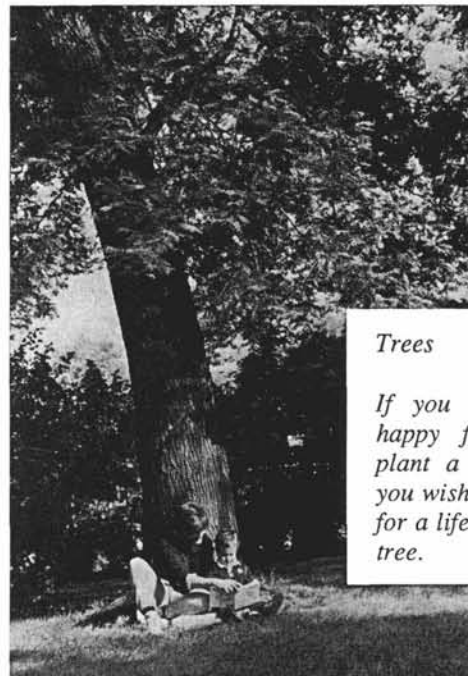
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**UNIVERSITY STUDY COMPARISON OF
TURFGRASS CULTIVATION METHODS**

SCALE OF DEGREES: 1= NO EFFECT 5 = MOST EFFECTIVE

AERIFIER TYPE	PROCEDURE	DEPTH OF PENETRATION	DEGREE OF SOIL LOOSENING	DEGREE OF SOIL BROUGHT TO SURFACE
VERTI-DRAIN	Hollow tines	10-12"	4-5	2-4
VERTI-DRAIN	Solid tines	12-16"	4-5	1
DEEP DRILL AEROFIER	Screw device	5-10"	1	2
TORO HYDRO-JET	High pressure water injection	4-20"	2-3	1
COMMON CORE AERATOR	Vertically operated tines	3-5"	2	3-5
SPIKER- Pull type or Motorized	Knife-like blades	¼-2"	1	1

FACTS EXTRACTED FROM GOLF COURSE MANAGEMENT MAGAZINE, AUGUST ISSUE, 1990. RESEARCH BY DR. ROBERT CARROW, UNIVERSITY OF GEORGIA.

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Green industry legend to receive superintendents' highest honor

A giant figure in the history of the golf course and turf industries, Dr. James Watson, has been chosen to receive the Old Tom Morris Award from the Golf Course Superintendents Association of America (GCSAA).

"Dr. Jim has been a great friend to GCSAA and its members for half a century," said GCSAA President Joseph G. Baidy, CGCS. "His career provides a perfect example of how one person can make a tremendous impact on an entire profession.



We are delighted to be able to pay tribute to the contributions he has made."

GCSAA established the Old Tom Morris Award in 1982 to recognize individuals who have made outstanding lifetime contributions to the game. The award is named in memory of Old Tom Morris (1821-1908), greenkeeper and golf professional at the Royal and Ancient Golf Club of St. Andrews, Scotland.

Watson's influence has been felt throughout the entire turfgrass profession. Following military service in World War II, he earned a bachelor's degree in agronomy from Texas A&M in 1947. Watson obtained his doctorate in agronomy from the Pennsylvania State University in 1950.

As a graduate student at Penn State, Watson was the recipient of the United States Golf Association (USGA) Green Section fellowship and studied under the famed Dr. Burton Musser. He returned to A&M to serve as an assistant agronomy professor and conduct turfgrass research.

In 1952, Watson left A&M to begin his career with The Toro Company as director of agronomy. For over four decades with Toro, his research touched on nearly every aspect of turfgrass management. Later as the company's agronomist and vice president of customer relations, he led Toro's efforts in equipment development and evaluation, and served as the liaison to professional groups such as GCSAA.

Watson has received nearly every major accolade the industry has to offer, including the USGA Green Section Award (1976), the American Society of Agronomy's Agronomic Service Award (1977), GCSAA's Distinguished Service Award (1983) and the American Society of Golf Course Architects, Don Rossi Award (1994).

Watson is a fellow of the American Society of Agronomy and the Crop Science Society. He has served on the boards of the Sports Turf Managers Association, the Freshwater Foundation and the National Golf Foundation. Semi-retired now after 40 years with Toro, he currently serves on the planning council for the Irrigation Association and is agronomic coordinator for the seven 1994 World Cup soccer venues.

Watson joins Arnold Palmer; Bob Hope; Gerald Ford; Patty Berg; Robert Trent Jones; Gene Sarazen; Juan "Chi-Chi" Rodriguez; Sherwood Moore, CGCS; William Campbell; Tom Watson; Dinah Shore and Byron Nelson as recipients of the Old Tom Morris Award. The GCSAA Board of Directors selects the Old Tom winner.

Watson will be honored during the closing banquet of GCSAA's 66th International Golf Course Conference and Show on Feb. 27, 1995 in San Francisco.



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(This list was handed out by Dr. Kane at the July MAGCS meeting)

SYSTEMIC FUNGICIDES
(by chemical class)

common name	Trade Names	mode of action	resistance risk
benzimidazoles: benomyl	Tersan 1991, etc.	mitotic poison single site known	high
thiophanates	Fungo, Cleary 3336	"	high
dicarboximides: iprodione	Chipco 26019, etc.	not well known prob single site	moderate
vinclozolin	Vorlan, Curalan, etc.	"	moderate
pyrimidine: fenarimol (flurprimidol	Rubigan Cutless	demethylase inhib. DMI	moderate ???)
1,2,4-triazoles: triadimefon	Bayleton, etc.	DMI	moderate
propiconazole	Banner	DMI	moderate
myclobutanil	Eagle (exp)	DMI	moderate?
cyproconazole	Sentinel	DMI	moderate?
tebuconazole	Lynx (exp)	DMI	moderate
(paclobutrazole	Scotts TGR	DMI	???)
phenylamide: metalaxyl	Subdue, Apron, etc.	RNA synthesis single site	high
carbamate: propamocarb	Banol	membrane disruption multi-site systemic	low
organo-phosphate: phosethyl-Al	Aliette	indirect effects on plant resistance (?) multi-site	low

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common name	Trade Name	chemical class
anilazine	Dyrene	triazine (discontinued?)
chlorothalonil	Daconil 2787, etc.	nitrile
mancozeb	Fore, etc.	dithiocarbamates
PCNB	Terraclor, etc.	chlorinated hydrocarbon
thiram	Spotrete	dithiocarbamate
chloroneb	Terramac SP, etc.	chlorinated hydrocarbon
etridiazole	Koban, Ethazol	thiadiazole
mercury chloride	Calo-clor	heavy metal
phenyl mercury acetate	PMAS	heavy metal

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