

## Featured TIC Donor and Volunteer: **Dr. Douglas T. Hawes**

Dr. Douglas Hawes' interest in golf began at a very early age, influenced by his family's passion for the game. "My grandma started teaching me to play golf at 5." His grandfather ran a golf course for the family, which Dr. Hawes later came to work at, further focusing an appreciation for golf, which he has maintained throughout his adult life.



He went on to pursue an education in science, acquiring degrees from several institutions, including Cornell University and the University of Massachusetts, in the fields of Agronomy, Turfgrass Maintenance, and Horticulture, with minors in Chemistry and Botany. For many years, he acted as a self-employed consultant to clients, most often golf courses, from across the country, including courses operated by the United States

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## ***The Sword Goes Online!***

The Turfgrass Information Center's newsletter, *The Sword*, is now available electronically. The current issue of the newsletter is accessible through both TGIF on the "Conditions and Terms of Use" page, and [The Sword Newsletter Archive](#), which includes all of the past issues. Subscribers and the public alike can access the archive by clicking on the "[TIC Blog](#)," and then selecting the newsletter archive under the "Blog Archive" heading.

Previously *The Sword* was accessible to [TGIF subscribers](#) solely through the mail; now it is available to anyone who provides the TIC with an email address or wishes to locate it within the electronic archive. This will offer users the chance to share it with interested friends and colleagues. The electronic version may also be more dynamic by including links for additional information about an article or live [fastlinks](#).

## **The Box Score**

Number of TGIF Records: **116,000+**

Number of [Toro Foundation Records](#): **7,100+**  
(These are new records added for items published *before* the establishment of TIC in 1984. Processing is sponsored by the Toro Foundation.)

Number of Turfgrass Sectors Covered: **10**

- |                     |                                       |
|---------------------|---------------------------------------|
| • Golf courses      | • Sod                                 |
| • Landscape         | • Sports turf                         |
| • Lawn care         | • Utility turf                        |
| • Parks and grounds | • Independent or currently unassigned |
| • Roadsides         |                                       |
| • Seed              |                                       |

# theTGIFdatabase

## Cooperative Initiatives for TGIF Subscribers

### Now in Place: *Turf News* Archive

Turfgrass Producers International's (TPI) magazine, *Turf News*, can now be accessed through the Turfgrass Information File (TGIF), thanks to the agreement between the organization and the Turfgrass Information Center! *Turf News* has been produced bi-monthly since 1977 and covers a wide range of topics that are particularly significant for those in the sod production industry, such as recently developed varieties of turfgrass and information on current research. All *Turf News* issues older than one year are available in full-text form through [Adobe Reader 4.0](#) (or a later version).

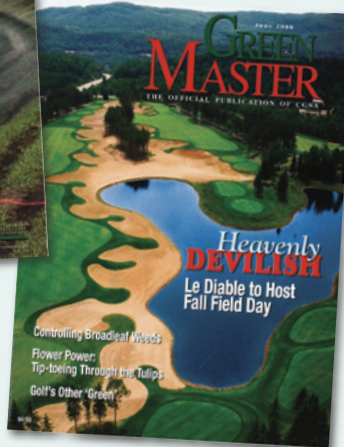


These archived issues can be easily located through the Turfgrass Information File's "Browse Full-Text Journals (**Logs Out**)" option. From there, select *Turf News* from the list of available electronic journals. The journal can also be accessed through TPI's website (<http://www.turfgrassod.org/>) by members of TPI.

Turfgrass Producers International was originally formed in 1967 under the name American Sod Producers Association (ASPA), later changing its title in 1994. TPI serves the sod community as an essential resource for practitioners interested in professional development and environmental enhancement, and by encouraging improved turf management practices. Access to TPI's *Turf News* collection should be of great use to many TGIF subscribers!

### In the Works: CGSA and TIC Partnership

Recently, the [Canadian Golf Superintendents Association \(CGSA\)](#) established a cooperative agreement with the Turfgrass Information Center that will result in new resources becoming available to both CGSA members and Turfgrass Information File subscribers. This agreement allows CGSA members to have complete access to TGIF and provides for the digitization of CGSA's magazine, *GreenMaster*, encompassing all past issues over six months old. *GreenMaster* was



originally a publication of the Ontario Golf Superintendents Association, but was transferred to CGSA in 1964. This arrangement will allow for convenient article retrieval and browsing by TGIF users and CGSA members. CGSA members will also have the benefit of access to the entire TGIF database, including other [full-text journals](#) and the extensive collection of bibliographic records created and maintained at TIC.

In addition, the CGSA is kindly donating to the [TIC Endowment Campaign](#), which provides for the continuing operation of the TIC. This is a tremendous opportunity for both parties and one that will surely be of considerable interest to current and future CGSA members and TGIF subscribers.

TIC thanks CGSA for its contribution to the Endowment Campaign! For further information on CGSA, please visit their website at <http://www.golfsupers.com>.

## New Sort Options for TGIF Records

Early in June, TIC asked for suggestions for how users of TGIF preferred search results to be sorted. Recently, several different sorts have been tested and added to TGIF:

- New to Old
- Old to New
- Author A to Z
- Author Z to A

These new sort options are now available in the “Brief Table” and “Full” display formats. Brief Table presents the basic information from the record, such as author and title, while Full provides the entire record for viewing. For a demonstration of the new sorting methods, see the video at <http://tic.msu.edu/videos/sort/sort.html>.

To change how search results are presented, simply select the desired display/sort combination from the drop-down menu titled “Display Format-Sort.”

TIC is very interested in what users think of these new sort options. Are any of them more useful than the Default? Is there a desired sort option that is not currently included? Are there any problems with the sorts? [Tell the TIC!](#)



User feedback prompted TGIF to expand the “Display Format - Sort” options within Brief Table and Full TGIF display formats.

## Full-text Electronic Journal Access

TGIF provides [full-text access to several journals](#), which are divided into those that are publicly available and those that can only be viewed by subscribers.

For TGIF subscribers, accessing public and restricted journals is easy! Subscribers can find them by going to the Turfgrass Information Center’s homepage at <http://tic.msu.edu>, then

- 1) Login to TGIF.
- 2) Click on “Browse Full-Text Journals (Logs Out).”

At this point, these restricted journals are available to search or browse: *International Turfgrass Bulletin*, *Journal of Turfgrass and Sports Surface Science*, and *Turf News*. A full-text archive is under construction for *International Turfgrass Society Research Journal* and *Proceedings*, along with many articles that are already available online. Another upcoming archive will be for *GreenMaster*. Other journals on this list are available to the public as well.

Full-text journals for the public can be located within the Turf Resources drop-down box on the TIC homepage, or via the procedure mentioned above. The journals that are currently available include [USGA Green Section Record](#), [USGA Turfgrass and Environmental Research Online](#), and [USGA Turfgrass and Environmental Research Program](#). By selecting “Other Resources” at the bottom of the drop box, public users can also access other journals, such as some issues of [Proceedings of the Michigan Turfgrass Conference](#).



# TGIF Document Delivery Restrictions and Costs

**Document Delivery** is a service through TIC in which articles not available in full-text online are photoduplicated and sent, either through Air Mail or fax, to users who have requested them. There are access restrictions in place for certain items within the Turfgrass Information File that are important for subscribers to be aware of prior to placing Document Delivery requests.

Not all of the materials within TGIF are available for request, and, due to copyright restrictions, "limited single copies are provided for private study, scholarship, or research only; if a user makes a request for, or later uses, a photocopy or reproduction for purposes in excess of 'fair use,' that user may be liable for copyright infringement."

Also, TIC is usually unable to send documents under these circumstances:

- 1) The item is freely available online. If so, then select the **Web Link** graphic next to the "Web URL" label to access it.
- 2) The item was published as an abstract only. In this case, the information seen within the record is considered to be the "full record."
- 3) The item is for an entire book. If this is the case, try using a local Inter-Library Loan service (see your local library).
- 4) Michigan State University Libraries and the Turfgrass Information Center do not own the item. If this is the case, the TGIF record will have a note at the bottom reading: "Help us please - we need a copy of this item. Click here or Email [tgif@msu.edu](mailto:tgif@msu.edu) if you can help! Thank you." Please visit <http://tic.msu.edu/needs.html> for more information on collection donations.
- 5) The item is not available. For example, items in the Beard Collection are not available for lending. Copyright restrictions may also limit the TIC's ability to lend copies of some items.

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Search results from the  
**Turfgrass Information File**  
A Unique Resource for Turfgrass Researchers, Practitioners, and Students

USGA A cooperative project of the United States Golf Association and the Michigan State University Libraries  
Turfgrass Information Center

Back to display Log Out Help Feedback

Download Results

Full Record Display for this item: 71830

Authors Cammarata, Lawrence D.  
Affiliation ASTIC and Principal, Certified Consultants, Ltd., Woodstock, IL  
Title Winterization: Protecting irrigation systems from the deep freeze  
Section Irrigation: Winterizing  
Source Landscape & Irrigation, Vol. 20, No. 10, October 1996, p. 72, 74, 76  
# of pages: 3  
Pub. Info Cathedral City, CA: Adams Business Media, Inc.  
Call No. SB 472.53 L34  
Web URL Web  
Last checked 4/2001

Keywords Irrigation systems, Equipment maintenance, Irrigation equipment, Winterizing, Techniques, Winter maintenance  
Abstract Discusses the threat that freezing conditions pose to irrigation systems. Explains design techniques that can be implemented before construction of irrigation system to make preparations for winter easier. Also explains methods for winterization using compressed air to force any water that may freeze out of the system. Details the winterizing process.

Language English  
References 0  
Note Pictures, color  
TGIF 71830  
RecNo

This record in ASA/CSA/SSSA format. [Click Here](#)

To access this record from outside the database use this link: [tgif feed](#)

To request the item for this record (some [restrictions](#) apply) or if there are problems with this record, [send us feedback](#).

## Document Delivery Requests (some [restrictions](#) apply), Comments, and Feedback Form

If you would like a reply, please be sure to include your email address. Please note: The Turfgrass Information Center does not diagnose, recommend, interpret, synthesize, evaluate, or advise on turfgrass matters. We deal with the turfgrass literature, and provide access to information resources, both online and offline.

Record Number: 19337

Name:  (not required)

Email address:  (not required)

Request/Comment/Feedback response:

Thanks for your requests, comments, and feedback.

**Submit Feedback**

## Online Document Delivery Requests

It is now possible to arrange a document delivery directly through TGIF for many items. When looking at a record (either with "Full" display format or by clicking on the "More" button), subscribers need only scroll to the bottom of the record where it says "To request the item for this record (some restrictions apply) or if there are problems with this record, send us feedback." After selecting "feedback," a screen will appear that requests the user's name and email address as well as a brief statement about the requested record. The response box can be used to specify the manner in which the document will be delivered, either through fax or Air Mail, and can also be used to make comments about the TGIF record. After completing the form, simply click on "Submit Feedback" and the request will be made. Now, subscribers can make requests more quickly and conveniently while looking at TGIF records.

## Getting Specific About Fastlinks: “By or About” Fastlinks

As a continuation of the fastlink article from the previous issue, the TIC would like to present a specific example of how to use fastlinks to conduct an author name search. If a subscriber is interested in conducting a search for all the materials in TGIF by or about (“bora”), for example, O. J. Noer, it is very easy to create a fastlink that will retrieve a list of the relevant articles, books, etc. related to him.

Start at “Conditions and Terms of Use” page when searching TGIF. Here, users will see the “By or About” Fastlink Generator which will conduct the bora search. Users can enter as much of the author’s name as they choose, such as Noer, O or, simply, Noer. After selecting “Go get it!” the user will be transferred to a list of TGIF records for materials written by or about O. J. Noer. The URL will display at the top of the webpage.

Instead of leaving the fastlink as it is, users may wish to create a hyperlink for the URL using the author’s name, such as [O. J. Noer](#). It is important to keep in mind that conducting a search using an author’s given name may not provide all of the materials related to that person; if an author has a nickname like Tony but his name is Anthony, a bora search using his traditional first name or initial will not locate items under his nickname. Creating two fastlinks under both of the names the author is known by will recall all of the relevant materials. If, however, the author’s last name is very unique, then a simple last name search would collect all records by or about that individual.

Users can also search for information about themselves using the bora fastlink. Please contact the [TIC](#) with any questions about “by or about” fastlinks.



O.J. Noer with broadcast spreader. From the Noer/Milorganite® Division MMSD Image Collection, MSU Libraries Turfgrass Information Center.

## TGIF Document Delivery Restrictions and Costs

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Some users of TGIF may be required to make prepayments for Document Delivery services, such as Michigan residents with access to TGIF via the Michigan Electronic Library (MeL).

If no restrictions are in place, the requested article(s) will arrive to North American locations via fax, *unless* the user indicates a preference otherwise or faxing is not possible due to the size of the article or technological limitations. For locations outside North America, all items will be sent through Air Mail.

For all items, the duplication charge is as follows:

- **TGIF Subscribers:** \$5/record for photo duplication up to 20 pages; \$2 each additional 10 pages or part thereof, plus copyright charges, if applicable. For Academic Institutional Subscribers, it is suggested to go through the local Interlibrary Loan Service for document deliveries.
- **Non-subscribers:** \$15/record for photo duplication up to 20 pages; \$4 each additional 10 pages or part thereof, plus copyright charges, if applicable.

## New Staff Person

TIC would like to welcome Leslie Behm as the newest member of the staff. She comes to TIC from the Main Reference unit at the MSU Libraries. She has been at MSU Libraries for 28 years serving in the Science Library, managing two branch libraries, and most recently in the Main Library Reference unit where she managed the unit's intranet and the virtual reference service. Leslie has a B.S. in biology with minors in chemistry and Latin from Heidelberg College in Tiffin, OH. Her library degree is from Case Western Reserve University. Ms. Behm also has an MPH from the University of Michigan. She is currently working on her dissertation through Capella University in Education with an emphasis on Instructional Design in Online Learning.



Ms. Behm will be working with the selection and indexing of web sites related to turfgrass, the publication of *The Sward* as well as overseeing the blog. She will also contribute to selection in the print and electronic resources for the TGIF database.

### For Academic Users:

## "Automatic Logon" Graphic Available

TIC has a graphic file (.gif) available which can be used to "front" the deep-link logon which will directly logon TGIF users at academic institutions who have IP-mediated access arrangements in place with the Turfgrass Information Center.

The graphic file can be found at: <http://tic.msu.edu/images/tgifsearch.gif>



The "auto-logon" URL to put behind it is: <http://turf.lib.msu.edu/cgi-bin/starfinder/0>

TIC welcomes users to include both the .gif and the URL in class resource lists or syllabi, online catalogs, web pages, etc. Keep in mind, however, that it will only work if the computer it is executed from is within the IP range for the academic institution specified by the subscriber. Please call or email the Turfgrass Information Center with any questions about how to use this link or graphic.

## Looking for Testimonials

Over the years, the TGIF database has been utilized a variety of ways — and TIC would like to hear how useful it has been. User testimonials may be featured on TIC's website, in promotional brochures, and to promote different ways to use the database. A few testimonials can be viewed at <http://tic.msu.edu/testimonials.html>.

Interested users are welcome to send their testimonials to [tgif@msu.edu](mailto:tgif@msu.edu). Thank you for helping to communicate how *you* use TGIF!

# the Sward

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# Charitable Gift Annuities

<http://givingto.lib.msu.edu>

With a simple contractual gift agreement, you can make a future gift to the Turfgrass Information Center and receive guaranteed lifetime payments for yourself or designated beneficiaries. In return for a gift or a specified amount, the MSU Foundation (the organization administering the charitable gift annuity for the benefit of MSU) will pay you, or whomever you designate, a stream of income for life. The payments are a fixed amount and generally depend on the number (up to two) and age(s) of the beneficiary(ies). For instance,

payments would be higher for an annuity payable for life to one person, aged 70, than to a couple, both 70, because of the longer life expectancy of the couple. In addition to these payments, you can receive an income-tax deduction for a portion of the gift.

■

*An example: Martha and David, both 70, make a gift of \$10,000 in return for an annuity of \$590 per year as long as either of them lives. The gift generates a current income-tax deduction of \$2,680. A portion of the annual payment is tax-free for the remainder of their life expectancies.*

■

In addition to these benefits, the gift annuity offers the opportunity to reduce capital-gain tax when long-term, appreciated property is used to fund it. And, this reduced amount is payable over the donor's life expectancy.

For more information on donating to the MSU Libraries, including Charitable Gift Annuities to the Turfgrass Information Center Endowment Campaign, please see <http://givingto.lib.msu.edu>

For more information on Charitable Gift Annuities, please see: [http://www.pgaol.msu.edu/charitable\\_gift\\_annuities.html](http://www.pgaol.msu.edu/charitable_gift_annuities.html)

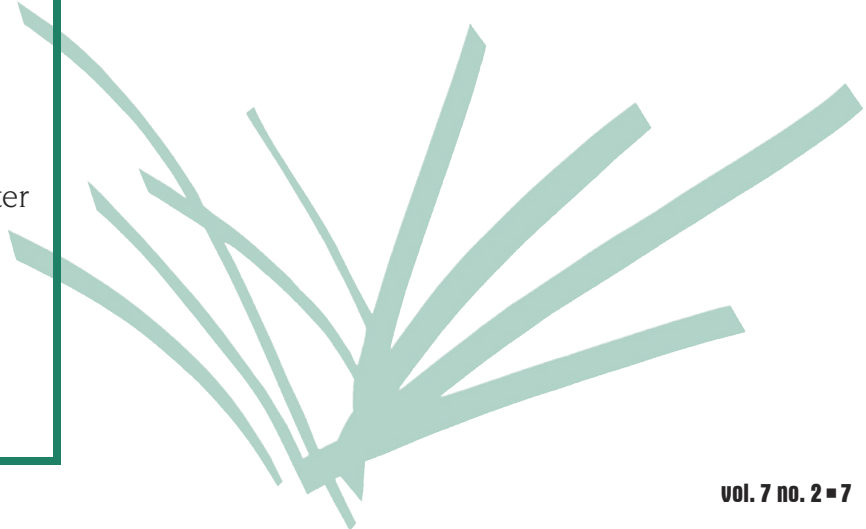
## Dr. Douglas T. Hawes

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Air Force. He assisted clients by creating effective turf maintenance programs and publishing a turf newsletter for both customers and individual subscribers. Beyond his work as a consultant, Dr. Hawes also taught in the Institute of Applied Agriculture in the University of Maryland and Grayson County College, and acted as the Director for the Mid-Continent Office of the USGA Green Section.

Within the TIC, he has contributed in two very significant ways: as a dedicated volunteer and as a gracious donor. Dr. Hawes has made a Charitable Gift Annuity (see sidebar) to the [Turfgrass Information Center Endowment Campaign](#) and has been invaluable in his work to start indexing the extensive collection of slides made from the photographs of O. J. Noer and others. He has also served as the guest editor for several [Turf Topics](#) and is an author well represented in TGIF, with many of his works available in full-text format. Of his involvement at TIC, he noted that one of the highlights of his work last year with the O. J. Noer collection was locating slides of a country club near where he used to live taken after the devastating hurricane of 1938. "It was interesting to see this country club where I'd played golf and to see the damage that was done to it." Dr. Hawes retired a few years ago, and this summer he and his wife, Cynthia Maddox, have been traveling throughout the United States and Canada.

The Turfgrass Information Center is grateful to Dr. Hawes' for his expertise and assistance, as well as his generous support!



## Persian Rug in the Turfgrass Information Center

Prior to the dedication of the [James B Beard Turfgrass Library Collection](#) in July 2003, the public area of the Turfgrass Information Center received a special item—a Persian rug over 100 years old! This very large 17 foot 4 inch by 29-foot (528 cm by 886 cm) rug was woven somewhere in Iran, most likely by commissioned weavers.



The rug was acquired around 1900 for Dr. John H. Kellogg by an agent sent to Europe and the Near East to purchase furnishings for his sanitarium and offices in Battle Creek, Michigan. During World War I, the United States military took over the sanitarium and stored or disposed of the items there. Mr. J. H. Alexanian came into possession of the rug in the late 1920s and later gave it to MSU for use on campus.

The Persian rug has been housed in various locations throughout MSU, including [Cowles House](#) (the MSU President's on-campus home), and throughout the Library, but now resides in TIC.

It bears a block of text that is currently untranslated. Any [translations](#) (even partial) would be greatly appreciated!