



*Quality since 1971...*

**HARTMAN**  
Golf Course Construction  
& Renovation

*Specializing in...*

Bunkers • Tees • Laser Leveling • Green Drainage • Irrigation • Design • Pump Station Upgrades

8099 Bavaria Rd.  
Victoria, MN 55386  
952.443.2990

info@hartmancompanies.com  
www.hartmancompanies.com

# 2014 LEGACY SCHOLARSHIPS

## **The Program:**

The Minnesota Golf Course Superintendents' Association offers a scholarship program designed to assist children and grandchildren of Class AA, A, SM, C, D, Associate and Affiliate members. The MGCSA provides scholarships to students attending college or vocational programs at any accredited post-secondary institution. The program is independently managed by Scholarship America, a national non-profit student aid service organization. Awards will be granted without regard to race, color, creed, religion, sex, disability, national origin or financial need.

## **Selection of Recipients:**

Scholarship recipients are selected

on the basis of academic record, potential to succeed, leadership and participation in school and community activities, honors, work experience, a statement of education and career goals and an outside appraisal. Selection of recipients is made by Scholarship Management Services. In no instance does any member of the

MGCSA play a part in the selection. Applicants will be notified by the end of July whether they have been awarded or denied a scholarship.

## **Eligibility:**

Applicants for the MGCSA Legacy

Scholarships must be: children/grandchildren of Class AA, A, SM, C, D, Associate or Affiliate members who have been members of the MGCSA at least five years; High school seniors or graduates who plan to enroll or students who are already enrolled in





a full-time undergraduate course of study at an accredited two- or four-year college, university or vocational-technical school, and under 23 years of age.

**Awards:**

Three awards will be given to children and grandchildren of Class AA, A, SM and C members. One award of \$1,500 in the name of Joseph S. Garske will be given to the highest evaluated applicant. That award will be renewable for one year contingent upon full-time enrollment and satisfactory academic performance. One other \$1,000 award will be given to other qualified applicants from this group. One \$1,000 award will be available to children and grandchildren of Class D, Associate and Affiliate members. These awards are not renewable. However, stu-

dents may reapply to the program each year they meet eligibility requirements. Awards are for undergraduate study only.

**Obligations:**

Recipients have no obligation to the MGCSA or its members. They are, however, required to supply Scholarship Management Ser-

vices with current transcripts and to notify Scholarship Management Services of any changes of address, school enrollment or other relevant information. Except as described in this brochure, no ob-

ligation is assumed by the MGCSA.

Application Deadline:

**June 1, 2014.**

More info at: [www.mgcsa.org](http://www.mgcsa.org)



**WHEREVER GOLF IS PLAYED**



Bee Squad

Bee Lab

# PLANTS FOR MINNESOTA BEES

Bees rely on flowers to supply them with the food they need to survive. Some flowers (e.g. tomatoes) provide only pollen, the main source of protein for bees. Other flowers (e.g. clovers) provide both nectar and pollen, thus providing both protein and carbohydrates.

There are hundreds of different bee species in Minnesota. Different types of bees prefer different flowers. Some of these preferences are due to the physical size or shape of the bees and the flowers. Some flowers have long tubes with nectar at the bottom. Long-tongued bees are the only bees able to reach the nectar. Other preferences are based on nutritional needs. Some bees are only able to raise their young with pollen from particular plants. These bees are called “specialists”. Other bees are “generalists” and will collect pollen from a wide range of plants.

There are also seasonal differences in the activity of different bee species. Many bee species forage as adults for only a few weeks out of the year, with different species emerging throughout the spring and summer, into early fall. The rest of the year, the young are developing in nests that are underground or in cavities. Each bee was provided with a pollen ball, a mixture of pollen and nectar, left there by their mother. They will emerge the following season. Many other bee species, including honey bees and bumble bees, are present through the entire spring, summer and early fall.

**Providing a diverse array of plants will help ensure that you support a diverse array of bee species. Do your best to provide blooming flowers from April to September.**



*Agapostemon metallica* on *Symphytotrichum* sp.  
Photo by Karl Foord




*Apis mellifera* on *Dalea purpurea*  
Photo by Heather Holm




*Bombus auricomus* on *Monarda fistulosa*  
Photo by Karl Foord

This list is not inclusive of all plants that bees will visit in Minnesota. These are flowers that are particularly attractive to bees and can be easily integrated into most landscapes.

 = Tree    = Herbaceous plant    = Shrub    = Full sun    = Part-shade    = Shade

Early=March to May   Mid=June to July   Late=August to September

Scientific name	Common name	Habit	Sun	Native	Bloom time	Honey bees	Other bees
<i>Crataegus crus-galli</i>	Hawthorn			X	Early	X	X
<i>Geranium maculatum</i>	Wild geranium		 	X	Early		X
<i>Penstemon grandiflorus</i>	Large beardtounge			X	Early		X
<i>Salix discolor</i>	Pussy willow			X	Early	X	X
<i>Coreopsis lanceolata</i>	Lanceleaf coreopsis		  	X	Early to Mid	X	X
<i>Hydrophyllum virginianum</i>	Virginia waterleaf		  	X	Early to Mid	X	X
<i>Lupinus perennis</i>	Wild lupine		 	X	Early to Mid		X
<i>Aruncus dioecus</i>	Goatsbeard		  	X	Mid	X	X
<i>Echinacea angustifolia</i>	Purple coneflower			X	Mid	X	X
<i>Lobelia siphilitica</i>	Blue lobelia		 	X	Mid		X
<i>Pycnanthemum tenuifolium</i>	Slender mountain mint			X	Mid	X	X
<i>Agastache foeniculum</i>	Anise hyssop		 	X	Mid to Late	X	X
<i>Asclepias incarnata</i>	Swamp milkweed		 	X	Mid to Late	X	X
<i>Borago officinalis</i>	Borage		 		Mid to Late	X	X
<i>Chamaecrista fasciculata</i>	Partridge pea			X	Mid to Late	X	X
<i>Cirsium discolor</i>	Bicolor thistle			X	Mid to Late	X	X
<i>Dalea purpurea</i>	Purple prairie clover			X	Mid to Late	X	X
<i>Eupatorium maculatum</i>	Joe-pye weed		 	X	Mid to Late	X	X
<i>Eupatorium perfoliatum</i>	Common boneset		 	X	Mid to Late	X	X
<i>Helianthus spp.</i>	Sunflowers		  	X	Mid to Late	X	X
<i>Hylotelephium telephium</i>	Autumn joy sedum		 		Mid to Late	X	X
<i>Impatiens capensis</i>	Jewelweed			X	Mid to Late	X	X
<i>Liatris aspera</i>	Rough blazingstar		 	X	Mid to Late	X	X
<i>Monarda fistulosa</i>	Beebalm			X	Mid to Late	X	X
<i>Nepeta x faassenii</i>	Catmint		 		Mid to Late	X	X
<i>Origanum vulgare</i>	Oregano		 		Mid to Late	X	X
<i>Ratibida pinnata</i>	Yellow coneflower			X	Mid to Late		X
<i>Silphium perfoliatum</i>	Cup plant			X	Mid to Late	X	X
<i>Trifolium hybridum</i>	Alsike clover		 		Mid to Late	X	X
<i>Vernonia fasciculata</i>	Ironweed			X	Mid to Late	X	X
<i>Veronicastrum virginicum</i>	Culver's root		 	X	Mid to Late		X
<i>Solidago rigida</i>	Stiff goldenrod		 	X	Late	X	X
<i>Symphotrichum lateriflorum</i>	Calico aster			X	Late	X	



# A HYBRID OF PRECISION AND EXCELLENCE FOR EVERY CUT.

Maintain the course with precision and performance from hard-working John Deere equipment.

The quieter, more fuel-efficient, 7500 E-Cut Hybrid Fairway Mower with reel drive technology is now available for the professional grade cut you've been looking for. With individual reel controllers that deliver accuracy and consistency with every turn and easy-to-operate Command Arm for optimal comfort and control, this powerful



## 7500 E-CUT HYBRID FAIRWAY MOWER

- 37.1 hp (27.6 kW)\* engine
- Exclusive double-acting steering
- Standard Roll Over Protection System
- E-Cut Hybrid Electric Technology

Available at Frontier Ag and Turf!

[www.frontieragturf.com](http://www.frontieragturf.com)

**Cannon Falls, MN**  
(507) 263-4238

**Osceola, WI**  
(715) 294-2191

**Hastings, MN**  
(651) 437-7747

**Rosemount, MN**  
(651) 423-2274

**New Richmond, WI**  
(715) 246-6565

**Turtle Lake, WI**  
(715) 986-4403

\*The engine horsepower and torque information are provided by the engine manufacturer to be used for comparison purposes only. Actual operating horsepower and torque will be less. Refer to the manufacturer's website for additional information.



*MGCSA 2014 Board of Directors: (left to right) Matt Cavanaugh, Jamie Bezanson, Mike Manthey, Bob Poter, Scottie Hines CGCS, Dave Kazmierczak CGCS, Roger Stewart CGCS, Casey Andrus, Jake Schmitz, Erin McManus, Jeff Girard, Adam Murphy and Mike Kelly*

# 2014 Inaugural Equipment Managers Professional Forum MTI Distributing



## *The Championship*



**July 21, 2014**

**The Rochester Golf and Country Club  
Host Nick Folk**





# Within the Leather

by David Kazmierczak, CGCS

As I look at my calendar on Wednesday, March 19, 2014, I see there are two appointments today that I need to tend to and one tomorrow. Friday is wide open as I am going on a small trip with my family to Milwaukee to visit friends on the back end of spring break. It's not Cancun, but at least we are getting away from here for a day or two.

A closer glance at the calendar reveals a disturbing two word revelation in very small font. The calendar says tomorrow spring begins. A quick glance to my right, peering outside my office window at three fresh inches of snow upon heaps and mounds of now petrified, crusty old snow, begs a couple questions: Did the originator of the first calendar live in Texas, or did they save a large bag of a certain cash crop for late March distribution and consumption? Either way spring in Minnesota in 2014 is at this moment is just a nasty rumor.

Now I know that the first day of spring is

[mgcsa.org](http://mgcsa.org)

simply about the rotation of the earth on its axis as it pertains to the sun and all that and means nothing when it comes to actual weather patterns, especially in the northern United States. But come on, seriously? After the brutal winter on 2013-2014 in Minnesota are we really in store for another month of below average temperatures, snow and general misery?

I say all this with a bit of tongue in cheek. Surely if you have lived your entire life in Minnesota or are even a 15 year transplant like me you understand that this is not an anomaly. Winter can and usually will progress well into April and by golly that's what you signed up for. If you don't like it- leave. However, with this being the second consecutive year of potential late openings at golf courses there is a real danger associated with what most would perceive as just a miserable inconvenience. Golf courses are businesses. They only make money when they are open. There is a limited time for that around these parts and delays means a cut in revenue, and cuts in revenue for a business that is operating on thin margins is not good.

Unfortunately, something has to give. I am concerned that if this