

Branching Throughout Minnesota

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The Arborescence

THE OFFICIAL PUBLICATION OF THE MINNESOTA SOCIETY OF ARBORICULTURE

Fall 2007



PHOTOGRAPHER UNKNOWN



MSA WANTS YOU!!!!

Volunteers! In a word that is what MSA is looking for.

Openings for committees chair people and committees are available for you to get involved.

• Nominations Committee and Chair

• Membership Chair and Committee

Volunteering for an association committee for an industry of which you work can do two things: Help your own industry and enhance your own career. You have made the decision to be in the tree biz, but now what? Getting involved will demonstrate your commitment

to your society is what employers are looking for. And you'll meet a bunch of cool people.

These committees and more require a few hours a month. Perhaps doing a mailing or two, putting on an event, and better yet, getting involved with other committees.

To get more information and to talk with someone about this, call Paul Buck, Prez at 763-509-5944.

MSA Executive Committee

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season and planning for 2008.

What a busy crazy summer for our industry! I'm really looking forward to a slower winter

(brochure inside).

Be sure to vote for your next Vice-President and ISA Liaison.

As my Presidency winds down, I don't want to leave the cupboard bare. I'll be honest, the ISA 2006 conference sapped our volunteer strength and we need new individuals to step up for the good of the organization. You can either volunteer your services and talents or I will call you.

Your support is vital for continuing the strong MSA traditions. Step up and find how much fun we can have, while providing a valuable service to our membership and the entire state!

By the way, membership rates are going up January 1. Purchase a lifetime membership at \$300. It's a good investment if you think you'll be in the tree industry for 10 years. After January, lifetime membership will be \$450, otherwise will be \$45 each year.

I was happy to see a strong MN contingent attending this year's conference in Hawaii. Congratulations to our MSA representatives for a fine showing at the International TCC, Rebecca Richardson (4th of 19) from Asplundh Tree Experts and Rob Juetten (25th of 37) from St. Croix Tree Service. A huge thank you to Rebecca & Elizabeth of Majestic Tree Care for hand crafting a one of a kind guitar from urban wood that netted \$5,800 toward the Tree Fund. It was the 2nd highest bid item and highly contested.

MSA highlights:

Check out the new improved MSA website at www.MSA-live.com!!

Remember, Trees are good & Fun is good!

Please join us for the Fall Conference in St. Cloud



Tap into
Tree
Experience
at
MNTrees.org

Tree Climber Exams (skills only)

October 27 St. Cloud

'07 Certified Arborist Exams

November 9 Andover

Visit the NEW
website:
www.msa-live.com

Working on a Spar: Climbing Line Basics

Presented by: Taylor Hamel: ISA Certified Arborist-

This article highlights the use of a climbing line on a vertical section of trunk, or spar. Fliplines/lanyards will not be discussed to maintain the focus on climbing lines. Always follow ANSI/OSHA recommendations when conducting arboricultural operations.

Working on a spar presents arborists with a unique challenge. How does one create a tie in point (TIP) where such a point does not exist naturally? Many arborists run their climbing line over natural crotches or stubs while positioning on a spar. What can be done when crotches are absent or not located in desirable positions upon the trunk? A common practice in this situation is to pass the climbing line around the spar as you would a flipline. While simple and quick, this action does not create a TIP. It does not allow for a rapid descent in case of emergency, nor does it facilitate ease of movement to the next work station further down the trunk. Working on a spar can be made safer and more efficient with the addition of little or no extra equipment.



FIGURE 1

Figure 1 shows a single rope technique (SRT) configuration. SRT is the practice of working from a single line versus an arborist's traditional Doubled Rope system (DdRT). The climbing line is choked around the spar using a running bowline. The tail of the bowline is left to hang along side the spar and is used to retrieve the rope once the arborist has descended to the next work station. Distance between stations determines the length of tail needed.



FIGURE 2

The climbing hitch is left in place on the standing part of the line and backed up with a friction device, in this case a figure 8. The purpose of the backup is to distribute the weight of the climber, reducing the amount of friction at the hitch.

In lieu of a running bowline, Figure 2 demonstrates an SRT arrangement using the alpine butterfly and a carabiner. The system here can be quicker to tie and allows the arborist to create a longer tail without handling many feet of rope, as would be necessary when tying a running bowline. The carabiner must be loaded along its major axis (spine) and should not be used on small diameter stems that may impose a sharp side load on the carabiner.

In Figure 3, a mechanical belay device (in this case a Petzl Gri Gri) is set in place of the climbing hitch. This setup tends to be more compact and does not require a backup friction device.



FIGURE 3

An adjustable ring/ring friction saver (AFS) is pictured in Figure 4. The climbing line is used in the same manner as if through a natural crotch (DdRT). Adjust the AFS relative to the size of the spar so that the rings are set 4 to 8 inches apart from one another. However, tree characteristics and personal preference will determine what spacing is best. The gap between the rings is bridged by the climbing line, squeezing the AFS tight against the trunk. This keeps the friction saver in place and allows normal use of the climbing line for work positioning and descent.



FIGURE 4

The Rope Guide is a friction saver/ false crotch device that can be choked around a stem, shown in Figure 5. An arborist's line is installed over the pulley. This configuration also allows normal use of the climbing line (DdRT) for work positioning and descent. The hanging tail of the Rope Guide can be used to retrieve it over short distances.

Other methods are employed to uninstall the RG over longer distances or from the ground.

The basic techniques and methods shown here have been in use for many years. They add to the safety of working on a spar by creating a secure TIP. Work positioning is made easier, thereby increasing efficiency and productivity while decreasing fatigue and strain. With any new climbing system, practice "low and slow" in non-critical situations while incorporating these techniques into your daily practices.



FIGURE 5

Taylor L. Hamel is an ISA Certified Arborist living in St. Paul. Email him at treehamel@yahoo.com

Certification: Unique and Challenging!

Written by Anne Jerutka, International Society of Arboriculture

ISA has 5 certifications and the uniqueness is the Tree Worker/Climber Specialist. This credential requires a lot of skill and endurance to be able to climb the tree, take high regards for safety, and get the job done off the ground. This credential is considered different from the other certification because not only are you being tested in a class room setting but also hands on out in the field. ISA has over 20,000 arborists with only 700 being Tree Worker/Climber Specialist. It is important that the word gets out about what this credential is all about and what one needs to do to obtain it. Below you will find an overview from start to finish on how you can get your hands on this credential.

Requirements and Exam Structure:

The ISA Certification Board requires a candidate to have a minimum of 18 months (1 ½ years) of climbing experience in arboriculture. The Candidate must also show valid proof of training in aerial rescue, CPR, and First Aid.

The ISA Certified Tree Worker/Climber Specialist examination is made up of two parts. A 50 question multiple choice knowledge exam, and a skills exam. You must pass both parts to obtain the certification credential. Each part is explained in detail in the ISA Tree Worker/Climber Application Handbook.

The Certified Tree Worker/Climber Specialist written examination is weighted in the following manner:

- | | |
|--------------------|---------------------------------|
| I. Safety 14.0% | V. Cabling 6.0% |
| II. Removal 14.0% | VI. Climbing/Knots 14.0% |
| III. Rigging 14.0% | VII. Tree Sciences 8.0% |
| IV. Pruning 20.0% | VIII. Tree Identification 10.0% |

ISA has published a Tree Climber's Guide that is intended to serve as a recommended program of study. Other useful study materials include the Basic Training for Tree Climbers video set, the ArborMaster video sets, ANSI Z133 Safety Standards, the A300 Pruning standard and the ISA Best Management Practices: Tree Pruning booklet.

ISA also offers a Certified Tree Worker Climbing Skills Test—Application Preparation Video, which guides the applicant through the entire skills exam.

The Certified Tree Worker/Climber Specialist skill examination is to assess the applicant's ability to demonstrate the fundamental skills necessary to perform as a competent tree climber and is primarily focused on safety.

When the applicant arrives at the testing site it is required they bring a full set of climbing gear that meets all pertinent safety standards and is in good condition. A pre-climbing inspection will take place at the site followed by knot tying, tree climb, rope throw, secured entry, advancing rope, tie-in, work climb Station I, work climb Station II, and then

finish with the descent.

The first part of the skills exam is on pass/fail basis which will decide your continuation. This section consists of having proper gear, the pre-climb inspection equipment, proper tie-in, and on rope test. Once you have completed and passed the first section you get tested and graded on the remaining tasks based on your performance.

If you would like an application or listing of exam dates you can go online to www.isa-arbor.com or call ISA at 1-800-ISA-TREE to obtain that information.

As you can see from above it is not an easy credential to obtain and we applaud the individuals that have shown great strength and determination to make this a career.

Tree Worker (SKILLS ONLY) exam is set for:

October 27, 2007 exam in St. Cloud, Minnesota

**Must register with ISA more than
12 working days
prior to exam**

Seats: Exam limited to 10 (SKILLS ONLY, written portion can be taken at any time of an ISA Certified Arborist exam is given)

Check in: 8:00am

Exam begins: 8:30am

How to register: Contact ISA, www.isa-arbor.com or (217) 355-9411 for an exam application and details

Cost: \$100 for ISA and Chapter members, \$150 for non ISA or Chapter members

Renewal: Certified Tree Workers must obtain 15 CEU's in 3 years.

Cost of Renewal: \$45 for ISA and Chapter members, \$60 for non ISA or Chapter members.

Specific questions about the Tree Worker Exam contact Pierce Wasmund 651-734-5757 or pwasm@hotmail.com

Location: HRA Empire Building

54 N 4th Street

St. Cloud, MN 56301

TREE WORKER BOOT CAMP

In depth, hands-on training
for the tree worker

Minnesota Society of Arboriculture

2 Day Fall Conference

Friday-Saturday

October 26-27, 2007

St. Cloud Civic Center

St. Cloud, Minnesota



Commercial, Utilities and Municipalities Schedule at a Glance

Friday, October 26, 2007

- 8:00 am **Registration For Everyone!**
- 8:30-9:30 **General Session –Emerald Ash Borer**
Mark Abrahamson and John Lloyd
- 9:30-9:45 **Break**
- 9:45-10:45 **Urban Tree Protection** Jo Colleran
- 10:45-11:45 **Chicken Little or Patrick Henry?**
Guy Meuller
- 11:45-12:45 **Lunch**
- 12:45-1:45 **Community Tree Risk Programs**
Jill Pokorny
- 1:45-2:45 **Protecting Trees During Construction**
Rick Tagtow
- 2:45-3:00 **Break**
- 3:00-4:00 **Bees at Risk**
Gary Reuter
- 4:00-5:00 **Plant/Tree Selection**
Dale Herman
- 5:00-6:30 **Social Hour, Business Meeting and Awards**
- 6:30-??? **Pub Crawl** -\$20 extra
Fee not included in Conference Registration

Saturday, October 27, 2007

- 8:00-9:00 **Registration and Breakfast**
- 9:15-10:00 **"Big trees in the city: a perfect fit"**
Michael Kuhns
- 10:00-11:00 **Planting Trees**
Rick Tagtow
- 11:00-12:00 **Program TBD**
- 12:30-1:30 **Lunch**
- 1:30-3:30 **Stem Girdling Roots Demo** Located at Eastman Park,
St. Cloud Guy Meilleur
- 3:30 **Conference Close**

Speakers: Mark Abrahamson, John Lloyd, Jo Colleran, Jill Pokorny, Guy Meilleur, Rick Tagtow, Dale Herman, Gary S. Reuter

"The Beginning of a new tradition. A traveling out of state fall conference. Come join us for the 2nd one!!!"
Paul Buck, President

A Little History Trivia
St. Cloud was named after Saint -Cloud, the Paris suburb, by John Wilson, a Maine native with French Huguenot ancestry. Wilson would later relate that his decision to name the town was drawn from his interest in Napoleon, whose favorite palace was located in Saint-Cloud.

Crew Members "Boot Camp" Schedule at a Glance, Speakers and Topics



Friday, October 26, 2007

Designed for the everyday crew member. Technical skills to enhance your skill and profession. Please bring your own equipment to use and practice with.

Topics to include:

- Work Positioning
- Rigging
- Utility Pruning
- Safety Hands On
- Knots
- Tree Planting

<p>8:00 am</p> <p>8:30-9:30</p> <p>9:30-9:45</p> <p>9:45-10:45</p> <p>10:45-11:45</p> <p>11:45-12:45</p> <p>12:45-1:45</p> <p>12:45-1:45</p> <p>1:45-2:45</p> <p>2:45-3:00</p> <p>3:00-4:00</p> <p>4:00-5:00</p> <p>5:00-6:30</p> <p>6:30-???</p>	<p>Registration For Everyone!</p> <p>General Session –Emerald Ash Borer Mark Abrahamson and John Lloyd</p> <p>Break</p> <p>Utility Pruning Michael Kuhns</p> <p>Chicken Little or Patrick Henry? Guy Meuller</p> <p>Lunch</p> <p>Mini Boot Camp Starts– Located at Eastman Park</p> <p>Chainsaw Safety Steve Hagen</p> <p>Tree/Work Positioning: on a Spar Tree Experts</p> <p>Break</p> <p>Tree/Work Positioning 2: Redirects and Lanyards Tree Experts</p> <p>Program-TBD</p> <p>Social Hour, Business Meeting and Awards</p> <p>Pub Crawl -\$20 extra Fee not included in Conference Registration</p>
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TREE EXPERTS

Team of the best of the best will be presenting during these two days:

- Guy Meilleur
- John Sirbasku
- Taylor Hamel
- Michael Kuhns
- Pierce Wasmund
- Steve Hagen
- George Welles

Saturday, October 27, 2007

<p>8:00-9:00</p> <p>9:15-10:00</p> <p>10:00-10:30</p> <p>10:30-11:30</p> <p>11:30-12:30</p> <p>12:30-1:30</p> <p>1:30-3:30</p> <p>3:30</p>	<p>Registration and Breakfast</p> <p>"Big trees in the city: a perfect fit" Michael Kuhns</p> <p>Boot Camp Starts Located at Eastman Park, St. Cloud</p> <p>Friction Hitches Tree Experts</p> <p>Rigging w/Balancers Tree Experts</p> <p>Lunch</p> <p>Stem Girdling Roots Located at Eastman Park, St. Cloud Guy Meilleur</p> <p>Conference Close</p>
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Tree Worker Exam info (Skills only)

Here is some of the information about the October 27, 2007 exam in Minnesota (maybe this could be a sidebar to the article)

Next Exam: October 27, 2007

Location: St. Cloud, MN (must register with ISA more than 12 working days prior to exam) HRA Empire Building 54 N 4th Street St. Cloud, MN 56301

Seats: Exam limited to 10 (SKILLS ONLY, written portion can be taken at any time of an ISA Certified Arborist exam is given)

Check in: 8:00am

Exam begins: 8:30am

How to register: Contact ISA, www.isa-arbor.com or (217) 355-9411 for an exam application and details

Cost: \$100 for ISA and Chapter members, \$150 for non ISA or Chapter mem-

bers

Renewal: Certified Tree Workers must obtain 15 CEU's in 3 years.

Cost of Renewal: \$45 for ISA and Chapter members, \$60 for non ISA or Chapter members

Specific questions about the Tree Worker Exam contact Pierce Wasmund 651-734-5757 or pwasm@hotmail.com

LODGING AVAILABLE

Grand Stay-320-251-5400

Radisson – 320-654-1661

Country Inn West- 320-252-8282

MSA Registration Form*

Please copy form for each registrant*

DEADLINE for written reservation-10/19
Call after 10/19- 612
-720-6347

DEADLINE for written reservation-10/19
Call after 10/19- 612
-720-6347

Company _____ Title _____

Address _____ City _____ ST _____ Zip _____

Phone Numbers: (W) _____ (M) _____

To receive confirmation: Email address: _____

Member

- ___ \$99 all Friday inclusive
- ___ \$20 Pub Crawl extra (mug and 1 free beer)
- ___ \$99 all Saturday inclusive
- ___ \$ 175 2 day inclusive (member Friday and Saturday)

Non-Member

- ___ \$125 Friday inclusive
- ___ \$20 Pub Crawl extra (mug and 1 free beer)
- ___ \$125 Saturday inclusive
- ___ \$ 200 2 day inclusive and a 1 year membership

Student

___ \$ 50 student includes 2 days registration and meals

**Please NOTE: You must designate:
(Circle one)**

Regular Session or Mini Boot Camp

Total Amount Enclosed \$ _____

Credit Card # * _____

code on back of card _____

Expiration Date _____ Check # _____

PO number: _____

*Statement will designate Rainbow Tree Care Inc. as recipient

*Please send remittance and form(s) to:

MSA
P.O Box 64
Wayzata, MN 55391
Questions: 612-720-6347
thewren@wrensantiques.com

Emerald Ash Borer"- the who, what, when, where, why's "Bees at Risk"

Background about EAB including biology, where it is now, what has been done about it and then will get into what is happening in Minnesota in terms of prevention, detection and potential responses. Update on EAB Planning Strategies for Minnesota, what can commercial companies and communities do to assist in planning.

Speakers: Mark Abrahamson Minnesota DNR - EAB Project Manager at Ag since 2006, Entomologist at MN Dept Ag since 1999

John Lloyd-Rainbow Tree Care—Taking the next steps in borer control strategies (EAB, BBB, and Two-lined Chestnut Borer)

Director of the Urban Forestry Institute at Rainbow Treecare, B.S. University of Wyoming; Plant, Insect and Soil Science, M.S. University of Minnesota; Entomology & Urban Forestry, Ph.D. Ohio State University; Plant Health Care, Professor of Arboriculture, University of Idaho, and a really nice guy.

"Big trees in the city: a perfect fit"

We would like the subject to center around Utility pruning; How to better the interface between contractors, municipalities, residents perhaps. Big Trees presentation as it intertwined several aspects of urban forestry; utility, planning, maintenance, people's attitudes, etc

Speakers: Michael Kuhns Extension Forester at Utah State University since 1992. Involved in forest urban forestry, landowner education, forestry in the wildland-urban interface, and conservation forestry. Professor and Extension Forester, Department of Wildland Resources, 5230 Old Main Hill, Utah State University Logan, UT 84322-5230 435-797-4056 mike.kuhns@usu.edu

"Trees in the Planning Process".

Discussion of staff's concerns about tree protection, our proposed updated ordinance and our process of community input etc.

Speaker: Jo Colleran, City of Minnetonka, Natural Resources Division Manager-jcolleran@eminnetonka.com, 952-988-8415

"Community Tree Risk Management Programs and how to design and implement them"

Speaker: Jill Pokorny-Plant Pathologist, plant pathologist with the USDA Forest Service for the last 15 years, and work in the branch called State and Private Forestry which is the "extension arm" of the Forest Service.

"Chicken Little or Patrick Henry

"Hazards are everywhere, so we have to manage them. Your assignment, should you choose to accept it, is to calculate and communicate tree risk. By considering arboriculture, clients decide how to make tree risk tolerable.

Speaker: Guy Meilleur Guy Meilleur is an ISA Board-Certified Master Arborist, Municipal and Utility Specialist. He has been climbing and consulting for 42 years with BetterTreeCare.com. of New Hill, NC.

Gary S. Reuter- Scientist in Apiculture at the University of Minnesota. I have been at the U of MN since 1993 (14 years). My responsibilities include field management of the 150 University honey bee colonies, raising and evaluating queens for out breeding program, repair and construction of beekeeping and research equipment, data collection and assistance with data analysis, laboratory work, computer input and programming, and teaching short-courses in Honey Bee Management and Queen Rearing. Seminars at various beekeeper meetings about research results, honey bee management and disease as well as talks to pesticide applicators and growers. I have been a Sideline beekeeper since 1990. I am past president of the Wisconsin Honey producers and past president of the Minnesota Hobby Beekeepers Association.

Stem Girdling Roots Demo

What are stem girdling roots and how do you identify them? After you've found them, now what do you do to alleviate the problem? These and more questions will be answered in the hands-on demonstration. Prepare to get dirty!

Speaker: Guy Meilleur is an ISA Board-Certified Master Arborist, Municipal and Utility Specialist. He has been climbing and consulting for 42 years with BetterTreeCare.com. of New Hill, NC.

Tree Protection By The Numbers: Ten Stages to Protecting Tress During the Construction and Landscaping Process

This presentation will introduce a numerical approach to protecting trees during the construction and landscaping process. The discussion will center on the systematic implementation of the procedures and techniques necessary to ensure that trees are given a reasonable chance to survive and flourish in newly altered environments.

Speaker: Rick Tagtow-Arboriculture and Science Faculty – Northeast Iowa Community College since 1994 and a consultant for urban forestry since 1984 (1994 – Present)

Plant/Tree Selection

Speaker: Dr. Dale Herman: Dr. Dale Herman from NDSU to talk about diversification of the urban forest. He is THE GUY to talk about new native and introduced cultivars for the landscape, especially for northern and western communities. He will pack the house, guaranteed

"TREE WORKER" BOOT CAMP

Designed for people who work in the trees, every day, in every kind of weather. This is where you'll learn additional nuts and bolts of your trade

Tree Experts: Speakers: Taylor Hamel is an ISA Certified Arborist and owner of Taylor Hamel Arborist Services in St. Paul, MN.

John Sirbasku is an ISA Certified Arborist and owner of Vertical Perfections Tree Care in Burnsville, MN. He teaches Arboriculture and Climbing at Hennepin Technical College

Pierce Wasmund is an ISA Certified Arborist and winner of the 2005 MN Tree Climbing Championship. He works for Northern Arborists in Lake Elmo, MN

Steve Hagen-Midwest Stihl. Applications and Training Manager



PRESIDENTS REPORT

My Swedish weather rock was swinging a few times this summer, but it did not get wet very often and our ornamental landscape plant materials were forced to take notice, often with very unfortunate results. Landscapes with sufficient irrigation, and the trees within them held up pretty well, but the drought was severe and extended and happened at the height of the evapotranspirative demand for water in trees. While many hackberry, silver maple and boxelder trees dried up completely, even the normally drought tolerant bur oak suffered. The rains have fortunately returned, the grass has greened up again, and there seems to be evidence of recovery in some trees. You can bet that energy budgets have been stressed, and maybe even strained to the breaking point in some cases. My crystal ball has failed me so often recently that I had to put a towel over it, but I fear for the fate of many invaluable old shade trees that did not get to benefit from any form of supplemental water.

Our mission to promote the green industries in Minnesota through support of research, education and outreach at the University of Minnesota and elsewhere remains unchanged. Our challenge is to accomplish our mission more effectively, and our hope is that the EIS can substantially assist us in that regard. We are in the midst of preparing a white paper summary of our EIS to share with legislators, researchers, educators and other policy makers who can and do influence research, education and outreach priorities at our public institutions of higher learning. It's all about the money, and there is nowhere near enough of it. We granted over \$100,000 this year, enough to keep critical turf research and teaching programs at the University going that could not go on without it, but it was barely one third of the requests. We need a larger and more dependable revenue stream for our researchers and educators and believe we now have a powerful new lever to employ.

Nursery. There are too many projects to enumerate specifically, but close to me personally are experiments on planting depths for trees and research on Dutch elm disease tolerance in both hybrid elm trees and specific cultivars of American elm. We have reason to hope that we will some day have a local provenance, disease tolerant cultivar of American elm, and a reason to be proud of the foundation's role in funding the research. The MTGF even helped the Minnesota Society of Arboriculture fund the development of a video on preventing stem girdling roots of trees that went on win an award at the International Society of Arboriculture Annual Conference in Seattle WA in 2003. For the reasons cited above among many others, the MTGF and its actions and efforts matter to you.

At this point, and probably for the very long term, the Minnesota Green Expo is our principal source of revenue. Fortunately this collaborative effort with the Minnesota Nursery and Landscape Association has been an outstanding success, getting bigger every year with every new year being more promising than the last. Green Expo '07 drew more than 8000 paid attendees, each of which contributed to the pool of money we were able to grant for the purpose of advancing our mission. Expo '08 will be bigger and better than ever. The two largest domes are already spoken for by our loyal industry vendors, and the educational programs promise to be stronger than ever. There are few if any better learning opportunities for green industry professionals than provided during the Green Expo, and now we get to use the Minneapolis Convention Center's newest facilities. So please set Wed 9 Jan through Fri 11 Jan 2008 aside on your calendar for the grandest green industry exposition ever. Pick a reason, any reason, you will not be disappointed.

On a more positive note the Economic Impact Survey (EIS) the MTGF commissioned in 2006 is completed. Readex Research conducted the survey, which was reviewed and statistically verified by the UMD Bureau of Business and Economic Research in 2007. The green infrastructure maintenance industries

"The green infrastructure maintenance industries we represent pump over \$8.2 billion through the Minnesota economy every year. That's billion, with a "b." We represent more than 54,000 jobs, more than the number of principal operators in farming (~51,000), and manage over 508,000 acres, the 8th largest of individual agricultural commodities."

we represent pump over \$8.2 billion through the Minnesota economy every year. That's billion, with a "b." We represent more than 54,000 jobs, more than the number of principal operators in farming (~51,000), and manage over 508,000 acres, the 8th largest of individual agricultural commodities. The message is that we collectively have a major impact on the economic well being of the State of Minnesota, and have dependable figures that show it. The challenge now is to take it to the bank.

more than \$408,000 the MTGF has directly granted since it was founded in 1993, more than \$1.15 million in cash and in-kind contributions have been made by our members in support of our mission. Grantees have included the departments of horticulture and plant pathology, the College of Natural Resources (CNR), the Landscape Arboretum, and UMore Park, among others. The foundation has funded teaching, research and outreach at the Turfgrass Research, Outreach and Education (TROE) Center and the TRE

"Yes," you say, "but how or why does all this matter to me?" At a recent board of directors meeting with executives and officers of the associations affiliated with the MTGF we learned that due to a lack of effective reporting to the affiliates we have not adequately answered that question. While it always seems to be true that there is more need than money, the foundation has substantial success to report. Including

Mark Stennes, President

MINNESOTA TURF & GROUNDS FOUNDATION
BOARD OF DIRECTORS

Schedule of Events

- October 18 Executive Committee Meeting
- October 26-27 MSA Fall Conference
 St. Cloud
- October 27 Tree Worker (skills only) Test
 St. Cloud
- November 9 Certified Arborist Test
 Andover
- November 9 Day of Service– Fort Snelling
- November 15 Executive Committee Meeting
- December 20 Executive Committee Meeting

OCTOBER 2007

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

NOVEMBER 2007

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

DECEMBER 2007

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Want to Contribute?

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