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No. 7 at StoneRidge Golf Club, site of the 2009  
MGCSA Harold Stodola Research Scramble.

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### MGCSA EVENTS

- July 6**  
**MGCSA HAROLD STODOLA RESEARCH SCRAMBLE**  
StoneRidge Golf Course  
Host: Jeff Girard
- September 14**  
**MGCSA CHAMPIONSHIP**  
Northland Country Club  
Host: Chris Tritabaugh
- October 5**  
**MGCSA Fall Mixer**  
Horse and Hunt Club  
Prior Lake
- December 9**  
**Awards & Recognition Banquet**  
Oak Ridge Country Club  
Host: Keith Scott, CGCS
- January 6, 7 and 8, 2010**  
**Northern Green Expo**  
Minneapolis Convention Center

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### Affiliates Get Together During MGCSA Vendor Appreciation Day At Keller Golf Course in St. Paul



The MGCSA held its annual summer Vendor Appreciation Day for affiliate members. Twenty-nine members participated in the meeting on May 12 at Keller Golf Course in St. Paul. Affiliates discussed the Green Expo and the 2010 Hospitality Night in San Diego. The open forum afforded everyone the opportunity to bring up any topic. Fourteen members played golf. Shane Andrews, MTI Distributing, Inc. won the Low Gross event. Jim O'Neill, CycleWorks Golf Supply, finished first low net. Dan Brown, Par Aide Products, finished second low net.





## PRESIDENT'S MESSAGE

*"Those who do not learn from history are doomed to repeat it."*

By Richard B. (Rick) Traver, CGCS

I don't know the origin of this quote or the exact phrase, but it goes something like this: "Those who do not learn from history are doomed to repeat it." This comes to mind for me when we start talking about the dreaded Emerald Ash Borer or EAB as it is referred to in all the latest newsprint. I can't help but think back to days when Dutch Elm had devastated neighborhoods of elm tress along the beautiful boulevards of many cities and towns in America. The common replacement for the Elms at the time were Ash trees as they were fast growing, relatively inexpensive and had a growth habit that in time would give some of the same aesthetic affect.

**My grandmother's street was beautifully lined with elms** that reached across the street to each other, creating a shaded tunnel to drive through. We visited her about once a month and upon one of our visits, all the elms were gone and replaced by ash trees. That stretch of road just didn't have anywhere near the same character as before. I remember hearing a passing comment from my father, and it must have made an impression on me at the time as I actually remember this and usually I remember practically nothing, just ask my wife. Anyway, he commented on the fact that they were all ash trees and wondered when the day would come when they would all have to be cut down from some ash disease. Now, I am not sure that this particular town replaced "all" the elm with ash, but on the block my grandmother lived they certainly did.

**A lot of the same character has returned to her old street** and I would certainly hate to drive down that road again after all the ash trees are removed. I do believe, however, that this is a potentially ugly situation that could have been avoided had the people in charge of purchasing trees not been so concerned with recreating the look and focused on diversity. In that case EAB would still be a threat, but certainly not the devastating problem it may turn into. Don't get me wrong. It will be a shame if we have to go through the same tree removal programs that took place when Dutch Elm hit us so hard. I have found a pretty good website at [www.treeresearch.org](http://www.treeresearch.org), which could be of some benefit if you do have a lot of ash trees and would like to invest in them. Many lessons were learned with Dutch Elm disease and many new lessons will be learned with the EAB. The Arborists have developed new varieties of trees and methods of control that we didn't have at our disposal back in the '70s; it's just too bad we have to learn the lesson twice.

\* \* \* \*

**Thanks to Dave Deem and the good people at Wild Marsh Golf Club** in Buffalo for allowing us to have our scholarship scramble at their course. I am writing this prior to the event, given our close proximity, I have heard that the course is in great shape and am looking forward to the opportunity to play there again.

\* \* \* \*

**Thanks also to Bill Gullicks and his crew at Bellwood Oaks Golf Club** in Hastings for allowing us to host our spring mixer in May. I wasn't able to attend this event, however, it sounds like everyone had a great time.

\* \* \* \*

**I can hardly believe we are into June already.** I hope everyone had a good start to the golf season despite some of the turf damage I am hearing about and the poor recovery weather.

*Thanks and have a great month,  
Rick Traver*

# HOLE NOTES

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of the MGCSA

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# StoneRidge GC Set to Host the MGCSA Harold Stodola Research Scramble on July 6

By JEFF GIRARD  
Superintendent, StoneRidge Golf Club

StoneRidge Golf Club opened in the year 2000. The par 72 championship course measures 6,992 yards. Bobby Weed was the course architect. Jeff Girard has been the Superintendent since March 2007.

StoneRidge is a heathland-style design, which is pretty unique to the Twin Cities area. A vast amount of bunkers, waste bunkers and fescue-grassed native areas dominate the 18-hole layout. We aim more for a rugged appearance on the course, to match the true intentions of its design. While we want the playing surfaces to be at their best, we certainly don't shoot for the manicured look.



No. 7 at StoneRidge Golf Club, site of the MGCSA Harold Stodola Research Scramble on July 6.

## Challenges

Some of our biggest challenges revolve

around the soils that the golf course was built upon. The property used to be a sand and gravel pit, so needless to say drainage is not one of our major challenges. However, with that being said, keeping the soil moisture at acceptable levels provides enough work in itself. Needless to say, *Poa annua* has a very difficult time finding its ideal growing environment here at StoneRidge. Though we do have continuous cartpaths, I have really never had to restrict carts in my three years here. We can take a two-inch rain at 4:00 am and be mowing fairways at 5:30 am.

Being a very wide open, links-style course, the wind becomes another major challenge. Finding days to get out and make chemical and fertilizer applications can often times be challenging and requires lots of flexibility in the schedule.

## History

StoneRidge was founded and built by Dave Kloeber and Mike McGrath, our two current owners. We are a semi-private facility, and try to provide our members with the private club experience. Prior to



No. 10 at StoneRidge Golf Club

(Continued on Page 6)



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## StoneRidge Golf Club-

(Continued from Page 5)

development of the club, the property was a horse farm and gravel pit. The golf course was designed by Bobby Weed out of Ponte Vedra Beach, Florida.

While the golf course sits on roughly 200 acres, we maintain about half of that on a daily basis. Fairways and approaches are quite expansive, covering about 40 acres of L93 creeping bentgrass. Tees and greens, also L93, make up about another 9 acres combined. Finally, our Kentucky bluegrass/fine fescue primary rough take up another 40 acres.

We operate a medium-sized staff during the season. In addition to myself, assistant Aaron Siek, mechanic Matt Johnson, and horticulturalist Sarah Sundmacker, we employ 12 seasonal Hispanics and usually one intern. It provides us enough to get the work done, though we often have to be a bit more creative to make sure things get done in the most efficient manner. Our mechanic Matt has been here since day one, so we are able to pull from his knowledge of where things are, how they were done, and hopefully he remembers...which he usually does.

*"Being a very wide open, links-style course, the wind becomes another major challenge. Finding days to get out and make chemical and fertilizer applications can often times be challenging and requires lots of flexibility in the schedule."*

### Superintendent Jeff Girard

I started out in the business at the age of 15 at Golden Valley Country Club working on the grounds staff for Mike Olson. I attended Miami University in Ohio and obtained a BS of Decision Sciences degree, but kept finding myself going back to the golf course each summer. I really owe Mike a great deal of thanks for getting me interested in the business and letting me learn all the aspects that are involved in our job. I then went on to Penn State University and completed the two-year program which transitioned me into working for Scottie Hines at Baltusrol Golf Club in Springfield, New Jersey. In 2002 I followed Scottie to Windsong Farm Golf Club as his assistant where we did the construction and grow in. In the spring of 2007 I moved on to my current position here at StoneRidge.

### Assistant Superintendent Aaron Siek

Aaron came to StoneRidge in the spring of 2006 from Las Vegas. He has been able to especially utilize his knowledge of irrigating in the desert of Las Vegas and transfer that over to the sand pit that is StoneRidge. Aaron is also currently in the MBA program at St. Mary's University and is also an active member of the Minnesota Air National Guard. All of us here at StoneRidge are grateful of the commitment and efforts that they provide to our country. Aaron is married to his wife Kylie and they just had their first child less than a year ago.





# The Savory Supe

By **Scottie Hines, CGCS**  
Windsong Farm Golf Club



As we approach summer and grilling season is well under way, it won't be long until the local sweet corn is ready to go. One of my favorite ways to cook corn on the cob is by grilling.

This recipe comes from a pal of mine, Paul Schneider:

*Ingredients:*

- Corn on the Cob
- Fresh Bacon
- Salt and Pepper

Take the ears of corn and remove one outside husk from each. Set this aside; it will be needed later. Pull the husks back but do not remove them. Remove all the silk. Soak the corn in salt water for approximately one (1) hour. Season the corn to your taste with salt and pepper. Starting at the bottom (husk end) of each

## Grilled Corn on the Cob with Bacon



ear, carefully wrap the strips of bacon around the corn. As a strip is added, pull the husk back up to help hold the bacon in place. Do this until each ear is totally

wrapped in bacon. Take the one husk that was set aside earlier and wrap it around the outside of the husks, toothpick in place to hold closed. Place the completed ears on the grill on low to medium heat. Turn every 10 minutes for 40 minutes. Remove the husks and serve!

Paul likes to remove the husks and cook the bacon a little longer to get it crispier. If you like crispy bacon this may be your way to go. I like the thick cut, peppered bacon best.

For a different approach try seasoning the corn with your favorite spices: garlic powder, onion powder, brown sugar, Worcestershire, horseradish, Italian spices or anything else prior to the bacon wrap.

**Enjoy the summer and happy grilling!**

- *Scottie Hines*

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# The Emerald Ash Borer Arrives in Minnesota



By SHAWN BERNICK

Director of Research and Technical Support  
Rainbow Treecare Scientific Advancements

My colleagues and I at Rainbow made the initial detection of EAB larvae and a portion of an EAB adult in three different ash trees on May 14 in St. Paul (slightly East of 280 and slightly North of I94). The specimens were provided to the Minnesota Department of Agriculture on May 15 and then sent on to experts in Michigan for official confirmation. There were numerous additional ash trees in the surrounding area that had a tremendous amount of woodpecker activity and additional trees that displayed symptoms representative of EAB, including d-shaped exit holes.

Unfortunately, this most likely is not the only infested area within the metro as there were trees within this site that

*"I urge everyone to be on the lookout for infested trees and to help educate fellow peers in the green industry and the general public."*

appeared to have been infested for multiple years.

I urge everyone to be on the lookout for infested trees and to help educate fellow peers in the green industry and the general public. If you suspect a possible EAB infestation contact an ISA certified arborist and or the MDA at "Arrest the Pest" Hotline 651-201-6684 - Metro Area.

## Symptoms

- Symptoms of early infestations may be difficult to diagnose
- As infestation progresses, small vertical splits in the bark can be seen on twigs or trunk
- Typically the top 1/3 of crown dies first and works its way down the tree
- Trees appear to lose about 30%-50% of their canopy after two years of infestation
- Trees may die after 2-4 years or less (small trees)
- As the top of the tree continues to decline epicormic shoots form
- Epicormic shoots can arise at the interface between healthy and dead tissue anywhere in the canopy
- Be on the look-out for multiple declining ash in a given area
- Sapsucker holes and flaking of outer bark near sapsucker holes can be used to detect EAB in early stages
- Distinct "S" shaped frass filled larval galleries that score the outer sapwood and phloem underneath the bark
- Galleries in an affected area can range from 4-20 inches in length

- Galleries from an individual larvae become progressively wider as the larvae grows
- D-shaped exit holes (generally present after an infestation has been present for 1 yr. or more)
- Approximately 1/8 inch in diameter
- Dense root sprouting may occur after death of a tree
- Leaf symptoms from adult feeding are usually displayed in small irregularly shaped patches along the leaf margins

## Signs of EAB

### Adults

- Usually bronze or golden green with dark metallic emerald green wing covers
- Adults are slender and can be 1/4 inch to 1/2 inch in length
- Top of the abdomen under the wings is metallic purplish red (seen when wings are spread)
- Adults may be difficult to detect even in areas of high infestation
- Short period of activity (3-6 wks of activity)
- Generally active during the day (sunny and warm days)
- Adults will hang out in bark crevices or on foliage during rain, heavy cloud cover, high winds, or when temps reach above 90 F.



Larvae

### Larvae

- Slender, flattened, segmented (10 total abdomen segments) cream-colored larvae with a brown head can be found by peeling back loose bark on infested trees
- Larvae range in size from 1 -1 1/4 inches in length
- Pincer-like appendage on the last segment
- Larvae hatch from eggs deposited in bark crevices



# CLASSIFIED ADS

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Toro Irrigation Head Drive Assemblies  
Description: Toro 670 series irrigation drive assemblies with outer housing and stator cap, nozzle base and nozzle ring, covers (including metal plate, o-rings and cover screws), and snap rings. Ages vary, but most should perform properly as all known defective parts have been replaced periodically. Units do not include body or valve assembly.

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For questions regarding bid process,  
Contact: Kevin C. Finley  
Director of Administration  
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Ramsey County Parks  
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\* 1986 Cushman 3-Wheel Truckster.  
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\* IRRIGATION: Berkly centrifugal pump  
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Contact: Pete Mogren  
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## Posted April 28 WANTED

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Contact: Jim Barry  
218-591-1519  
Pine Hill Golf Club

## Posted April 20 FOR SALE

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## Posted April 14 FOR SALE

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## Posted April 8 WANTED

Set of 18 Big Cups 6 inches  
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## Posted April 13 FOR SALE

\$2,995 obo--Turf Iron Greenroller...for pictures see [www.ebay.com](http://www.ebay.com) item# 140314098092

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\$2,995 obo--Smithco V-Star walk behind verticuter slicer...for pictures see [www.ebay.com](http://www.ebay.com) item# 140314107514

\$900 obo--Toro Greensmaster vibratory greens roller attachments...for pictures see [www.ebay.com](http://www.ebay.com) item#140314119255

Contact: Guy W. Leach  
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## Posted April 8 WANTED

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## Posted April 1 WANTED

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Contact: Bill Brooks  
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# PEER-TO-PEER: BETTER TURF THROUGH NETWORKING

## Superintendents were asked: Now that Emerald Ash has been located in Minnesota, what is your golf courses' plan of attack?

At Keller GC our tree inventory reveals 27% of our trees to be either Green ash or Marshall's Seedless ash. These ash are not necessarily intermixed throughout the golf course but tend to be concentrated in groups in strategic locations or line the margins of certain golf holes. My plan is to selectively remove ash from these concentrated areas and replace with native species as funds become available. This year we hope to replace 16 ash trees with Hackberry and Sugar maples. Not much but it is a start. I said "hope to replace" because we all know what a battle it can be to remove healthy trees! - Paul Diegnau, CGCS, Keller Golf Course

Windom CC has started a re-planting program as of this year. We have just completed planting 30 trees. Our course is about 87% Ash trees. - Bruce Boerst, Windom Country Club

Two years ago at New Richmond, we started planting replacement trees located near what we felt were key ash trees. We will continue to do so but are looking at treating some of the most important ones provided it can be done at a reasonable cost. We have about 200 ash trees on the course, 50 of which we consider important enough to replace or treat. We will probably treat a fraction of those 50. - Tom Johnson,

New Richmond Golf Club

Waseca-Lakeside Club started a program a few years ago to remove ash trees. We have over 550 ash trees on our course. My board is very proactive and has given me the green light to take down any ash trees that are out of play. I figured it's about 250-300 trees. The trees that are in the critical areas we will try to treat until we can get other trees (maples) grown to replace them. We have many members that burn wood for heating so that shouldn't be an issue. - Seth Langager, Waseca Lakeside Club

At Stillwater CC 60% of our trees are ash. Four years ago, after the Emerald Ash Borer talk started, we began taking out 70 ash trees every winter. Most of the removal was areas that were overplanted or near greens and tees. We also started a tree nursery and have planted 45 trees from the nursery onto the course. Being pro-active has brought down our number of Ash trees, but we still need a few years for the new planting to affect play. - Marlin Murphy, Stillwater Country Club

What do you do in the winter? We count trees. In my youth (the early 90s) Somerset CC had close to 500 green ash trees. When Jason Bass, from Strata Point, inventoried them

in 1999 Somerset had 357 interior green ash which was 17.2 percent of our trees.

A couple of years ago with the EAB in the news Somerset's Green Committee took a progressive approach to our trees. If the green ash were over crowded and had more dead wood than alive we were given the green light to take them down. Interestingly enough most our green ash are about the same age, 70 plus years. Now we are down to 250 interior green ash trees or 13 percent of the population.

We have a few green ash that are in nice shape which we will look in to treating if the disease is found in the neighborhood. I will treat the white ash for sure. In the mean time we will continue to take down green ash past their prime. I am fortunate, if a tree has been planted too close to a green or fairway we have been able to remove them. Golf, grass and water conservation have the priority.

Now when we plant, the species and placement is considered by our golf course architect. - James Bade, Somerset Country Club

(Continued on Page 11)

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