

I could just say how many All Star games and other awards Yogi won, but to list the years does it more justice. Yogi was voted to the All Star Team 15 times, 1948, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61 and 1962. He was voted American League MVP three times, 1951, 54 and 55. Most impressively for himself and his teammates he was part of World Series Champion Teams 10 times, 1947, 49, 50, 51, 52, 53, 56, 58, 61 and 62. Berra was elected to the Baseball Hall of Fame in 1972.

With the World Series as the goal of every team and player in spring Yogi has had quite a bit of success in his 10 World Series Championships. His series records include most games by a catcher (63), hits (71), and times on a winning team (10), first in at bats, first in doubles, second in RBI's, third in home runs and Base on Balls (walks). Yogi also hit the first pinch hit home run in World Series history in 1947.

After playing Berra managed and coached for the Yankees, Mets and Astros from 1963 to 1989 while leading both the Yankees and Mets to World Series victories.

Away from baseball Yogi is renowned for his selflessness, giving generously of his time for countless youth organizations and charitable causes, including his own annual golf tournament in Montclair, NJ which has raised over \$1 million for scholarships, educational programming and special needs scouts. He has been awarded the Boy Scouts of America's highest adult honor The Silver Buffalo.

Family has always been paramount to Yogi Berra, who has been married over 50 years to Carmen and is the proud father of three athletic sons – Larry, a former minor-league catcher, Tim, a former NFL receiver, and Dale, a former major-league infielder.

A resident of Montclair, NJ for over 40 years, Yogi Berra remains an inspiration to all. In 1996, he received an honorary doctorate from Montclair State University and the baseball stadium was named after him on campus. In December 1998, the Yogi Berra Museum & Learning Center opened its doors to the public, paying tribute to an American legend and his lifelong commitment to the education of young people.

The museum, located at the university is currently the home of various artifacts, including the mitt with which Yogi caught the only perfect game in World Series history, several autographed and "game-used" items, three World Series Championship trophies, and nine of Yogi's championship rings. Berra only wears the 1953 ring, in commemoration of the Yankees' record 5th consecutive World Championship.

Berra is very involved and frequents the museum for signings, discussions, and other events. It is his intention to teach children important values such as sportsmanship and dedication, both on and off the baseball diamond. When asked "So, what is it you do

here?" Yogi, without missing a beat, replied convincingly, "It's my museum."

What is a Yogi-ism? Yogi is well known for his malapropisms (substituting an incorrect word for one of a similar sound) and misusing the English language in interesting ways all in the name of fun.

Some of them, "It's like déjà vu all over again", "You can observe a lot by just watching.", "It's tough making predictions, especially about the future", "Always go to other people's funerals, otherwise they won't come to yours.", are well known and truthfully while humorous statements.

As a golfer Berra had some well known comments about golf. He is credited with saying "90 percent of putts that fall short don't go in", and "I think they just got through marinating the greens" while commenting on his performance after playing a poor golf game. Of course as with everything quotes and sayings are exaggerated and changed over time leading Berra to say, "I didn't really say everything I said"

What does all this have to do with our jobs and the game of golf. Nothing really, but it is playoff time for baseball and a good reminder of the generation that lived through World War II, and their importance to our lives today. Take some time out of your busy day, get a book (of just surf the web) and familiarize yourself with a few of the leaders from "The Greatest Generation" as they are appropriately called.

You can even look around your course and thank those older members for their support to your club and take a few moments to learn a little bit about their lives. You will soon find out they all have an interesting story to tell. ♻️



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Emerald Ash Borer (EAB) Discovered in Wisconsin: What Does This Mean for You?



By **Dr. R. Chris Williamson**, Department of Entomology, University of Wisconsin-Madison

As many people have anticipated and feared, unfortunately the official confirmation of the emerald ash borer (EAB) occurred on August 1, 2008 in Ozaukee and Washington counties. EAB is an exotic, invasive insect (beetle) that is native to Asia. EAB was first discovered in the Detroit, MI metropolitan area in June 2002, it was thought to have been accidentally introduced into the United States via importation of EAB infested wood packing materials used to transport goods or products. To date, EAB has been found in several other states including Indiana, Illinois, Maryland, Missouri, Ohio, Pennsylvania, West Virginia, and Ontario, Canada. Various detection methods including visual surveys, detection/trap trees, and adult traps have been employed in an effort to detect EAB. However, at low population densities or early or initial stages of infestation, EAB is very difficult to detect regardless of survey strategy. Even those experienced with EAB often have struggles finding early infestations. EAB larvae mine (feed) in the cambial area just beneath the bark creating S-shaped/serpentine feeding galleries that are typically packed with frass (fecal matter and sawdust). This larval feeding activity disrupts or destroys the internal plumbing of the tree resulting in the inability of trees to transport vital nutrients and water, typically resulting in tree decline and eventual death. Tree death can occur in less than two to three years at high population densities if left untreated, while some trees can survive for more than five years at low population densities. Unlike the bronzed birch borer and the two-lined chestnut borer, two closely related boring insects that mainly attack stressed trees, EAB does not discriminate between healthy (vigorous) or stressed trees, nor does EAB have a preference for tree size (EAB attacks trees from 1/2 to >40 inches diameter at breast height). So far in North America, EAB has only reported to attack ash (*Fraxinus* spp.) trees including green white, blue, black, velvet, pumpkin as well as other horticultural varieties. It is estimated that there are more than 765 million ash trees in Wisconsin, of which about 5 million are horticultural varieties. For this reason, EAB poses a serious threat to Wisconsin's ash resources.

So what does this mean for you and what can you do to protect your ash trees from the eminent threat of EAB? Unfortunately, this question does not have a simple answer! There are numerous factors that can influence your decision making process. First and foremost, until EAB is found within 10-12 miles of your ash tree(s) or you are in an EAB quarantined area, it is not



The adult beetle is dark metallic green in color, 1/2 inch-long and 1/8 inch wide.



S-shaped feeding gallery in the cambial area of an infected ash tree.

suggested that you begin treating your ash trees with insecticides. The rationale for this suggestion is that the likelihood or probability of an EAB infestation outside of this area is low. Secondly, due to the relatively high cost (labor and insecticide) associated with treating multiple ash trees such as in woodlots or forested areas, high-value or specimen ash trees may be more likely considered for an insecticide treatment. Also, it is important to understand that insecticides are **not** always successful due to variability or inconsistent control, nor is it fully understood if insecticides are enhancing tree survival or merely prolonging tree death. Since EAB was first dis-

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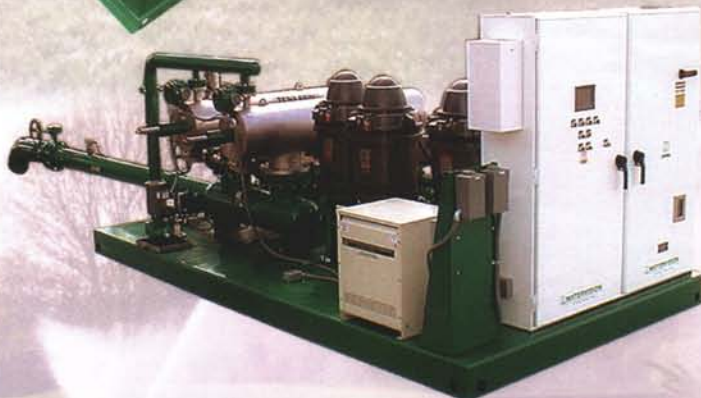
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covered in the United States (Detroit, Michigan 2002), numerous insecticide research trials have investigated the performance (efficacy) of various insecticide treatments. Currently, there are several insecticides and application technologies that are suggested, they include: 1) imidacloprid (Merit) applied as a soil drench or soil injection and as a trunk injection using specialized application equipment such as the ArborJet Tree IV (IMA-Jet), Maguet (Imicide) and Wedgle (Pointer) application systems; 2) dinotefuran (Safari) + PenraBark applied as a bark spray to basal area of the trunk from the soil level up about 4.5 feet; 3) emamectin benzoate (Tree-age) applied exclusively through the Arborjet Tree I.V. and QUIK-jet application systems; 4) carbaryl (Sevin) applied as a trunk implant using the ACECAP 97 Systemic Insecticide Implants or Bonide Systemic Insecticide Bullets application technologies; and 5) bifenthrin (Onyx), cyfluthrin (Tempo), permethrin (Astro), or carbaryl (Sevin) applied as a foliar or bark spray application to control EAB adults and hatching larvae. Certified pesticide applicators are necessary for the application of the specialized application equipment such as the ArborJet Tree I.V. and QUIK-jet, Maguet, and Wedgle. When considering an insecticide treatment option, be sure to: 1) determine if the respective ash tree has an EAB infestation or if it is within 10-

12 miles of an EAB infestation and/or an EAB quarantined zone, 2) determine the overall health and vigor (ash trees with > 40% thinning or dieback are dramatically less likely to overcome an EAB infestation even when treated with an insecticide); and 3) measure the size (diameter at breast height; DBH). All of these factors will influence your decision in terms of weather to treat or not as well as the time of year (i.e., spring or fall) that is optimal. For example, ash trees smaller than 8 inches DBH (about 25 inches circumference) that do not have an EAB infestation and are within 10-12 miles of a confirmed EAB infestation or are in an EAB quarantined area should be treated with either a soil drench, soil injection, or trunk injection beginning in mid-May. An ash tree greater than 8 inches DBH should be treated about one month earlier to allow the insecticide to move within the plant to the target area (cambium) where the EAB larvae feed. Whereas, EAB infested ash trees can be treated with an insecticide from June through early-October to control actively feeding EAB larvae. When using pesticides, ALWAYS read and follow label directions. Should you suspect an EAB infestation, contact your County Extension Agriculture or Horticulture Agent and/or Educator. For additional information regarding insecticide management options for EAB, visit www.emeraldashborer.info. ♻

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July/August 1988

By David Brandenburg, Golf Course Manager, Rolling Meadows Golf Course

Editors Note: This issue we go back twenty years to review The Grass Roots from July/August of 1988.

The front page headline by Monroe Miller was a bold WE WON! Many of you members remember the lawsuit between the Town of Casey and the Forestry/Rights-of-Way/Turf Coalition. Ralph Mortier, a land owner in Casey, WI (Washburn County) along with the FroWT Coalition brought suite against the town in Washburn Country Circuit Court over local pesticide laws passed by the Town Board in 1985.

Judge Dennis Baily found that the Town of Casey ordinance was

too broad and in conflict with state and federal laws. He reaffirmed the point the local units of government do not have jurisdiction in regulating pesticides. At this time it is unfortunate the same ruling does not effect fertilizer regulations to hinder individual communities from limiting fertilizer applications without the proper knowledge or studies on the effect of such rulings on long-term plant health.



The Campus Connection featured an article by Jeffery Bahr titled "Effects of Iron on Rooting." Along with Dr. Wayne Kussow the study was done with Kentucky

Bluegrass Sod grown in a greenhouse for 9 weeks. A week before the sod was cut, different treatments of nitrogen ranging from 0 to one pound of N/M.

The sod was cut into 4"x4" pieces and placed on half inch wire mesh screens, and four hooks were attached to the screen and extended through the soil and root systems. Iron was applied at zero oz/M or .25oz/M.

One week after transplant to mineral soil the iron had little or no effect on rooting however the samples with .5lbN/M had the greatest rooting. By week two, all the plots had established roots in to the soil.



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In the third week, the sod root strength was tested by attaching the four hooks, coming up through the sod to a rope, which was suspended by a boom and pulley system and attached to a pail on the other end. Sand was poured at a constant rate into the pail until the sod piece was torn from the soil. The pail was weighed and results recorded for each replicate.

In the third week, the iron application did have a minor impact in root strength for the treatments with no extra nitrogen. The treatments with .5lb N/M rooted the best, however the iron had little effect on rooting. One pound of N/M reduced rooting and increased shoot growth. The one set of plots given two applications of iron had less rooting. Jeff's conclusion was iron application is useful in inducing strong roots for sod that is nitrogen deficient. Too much nitrogen, regardless of iron rates can be detrimental to strong root growth.



Two scholarships were announced in this issue of The Grass Roots. Jeffery Bahr, then a senior in Dr. Wayne Kussow's Turf and Grounds Management Program at the University of Wisconsin-Madison was chosen as the recipient of the NOR-AM Turf Scholarship. John Turner, NOR-AM Wisconsin's representative, made the announcement. (It is great to see John Turner is still handing out scholarships at the WTA Winter Conference 20 years later)

Todd Monge was chosen to receive the WGCSA James R. Love Turfgrass Scholarship. Monge was a junior at the University of Wisconsin-Madison where he was majoring in Soil Science with a Turfgrass Management specialty.



Mark Kienert penned two articles highlighting visits to the badger state by USGA Green Section National Director Bill Bengeyfield and USGA Green Section Agronomist Stan Zontek.

Bengeyfield was the featured speaker at the May WGCSA meeting held at Pine Hills Country Club in Sheboygan and hosted by Rod Johnson. Bill focused on turfgrass research during his talk as the USGA was at the halfway point in a major fundraising effort for turf research. This was a timely topic as the Wisconsin members in attendance were undertaking their own fundraising efforts for the O.J. Noer Center for Turfgrass Research.

Joining the group for dinner was Herb Kohler, from the Kohler Company and Pete Dye The architect of the Kohler owned Black Wolf Run Golf Course. The two were together for the Media Day held at the then new Black Wolf Run. Black Wolfs superintendent, Marc Davison made arrangements for those WGCSA members interested to tour the new Pete Dye design.


Event winners were Dick Evenson, who took low gross with a 74 and took low team best ball honors with his partner Jeff Bottenzek.

Mr. Zontek had served for six years as the USGA Agronomist for Wisconsin and was back to entertain and educate the membership in the differences between turf management in Wisconsin and the mid-Atlantic Region. In both areas of the country, overcoming stress related problems is key to a superintendent's success.

The meeting was hosted by Bruce Schweiger at Janesville's Blackhawk Golf Course. Once again the first place team was led by Dick Evenson, who the writer suggested needed a handicap adjustment. Other team members were Jeff Bottenzek, Brad Wagner and Jon Gallus. ♣

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Lake Breeze Hosts August Meeting

By **Jim VanHerwynen**, Golf Course Superintendent, South Hills Golf and Country Club

The WGCSA held its last educational monthly meeting for the 2008 season on August 4 at Lake Breeze Golf Club. The format for the event after the educational session was a Superintendent/Guest two-man scramble. The weather, similar to the other events this year was threatening but all participants were eager to begin the days' events.

The day began with David Swift, Golf Course Superintendent of Whistling Straits Golf Club in Sheboygan, WI doing a presentation on hosting tour events. David elaborated on two events in particular the 2004 PGA Championship and the 2007 Senior Open where the programs and practices used were somewhat different for each event. He also described the differences working with the different groups.

In a nutshell, for the PGA events they would like the course set up difficult, but a fair test of the golfers ability. The course generally would become tougher each day with green speeds ranging between 11.5-13.5 on the stimpmeter with "fluffed rough" at 5-6 inches.

For the U.S. Senior Open they wanted the course set so that everyone would finish. The course difficulty would virtually be the same all week. They stressed consistency should be the rule with stimpmeter readings at 12 feet everyday. The rough would be cut in steps with a 4 inch cut around fairways approximately the first 15-20 feet and then beyond, the rough would be 6 inches. The bunkers and divots were treated and played as true hazards.

The course prep for both events was accomplished with the crew of



372 yard par 4, 11th hole at Lake Breeze

Whistling Straits along with numerous volunteers totaling 140! They would work an a.m. and p.m. shift for approximately two hours each day. For those who love statistics the Straits had 12 fairway mowers and 20 walking greens mowers during tournament week. The greens were hand watered when necessary and hand rolled until the desired green speed was met. The volunteers helped rake the courses 1,000 sand bunkers by hand. At the end of his presentation, it was clear that hosting an event of this magnitude is extremely challenging but also very rewarding.

After David's presentation and a delightful lunch everyone headed to the course for practice and warm-ups on the range and putting green. Jim Hasz, Golf Course Superintendent at Lake

Breeze Golf Club along with his entire staff are to be commended for an outstanding job getting the course ready for tournament play.

Beginning in 1990, Jim was instrumental in the design, building and grow-in of this hidden gem in Winneconne, WI. The course was very challenging and fun to play. I am guessing everyone enjoyed the Wisconsin shaped green, I know I did! After a brief rain delay most participants finished their round and were treated to hors d' oeuvres as the awards for the winners and hole events were presented.

At the end of the day in third place with a solid 68 was Mike Leroy (E-Z-GO) along with guest Tom Theisen. In second place with a 64 was Peter Meyer of National Golf Graphics along with guest Joe Brown. And with a convincing

score of 61 in first place was Scott Bushman (Fox Valley Golf Club) with guest Tom Martine. The Hole Event winners in no particular order were long drive hole #4 - Tom Martine, closest to the pin, hole # 8 - David Swift (Whistling Straits), closest to the pin, hole #13 - Jon Stahl (Squires Country Club) and long drive hole #17 - David Petrack (Lake Breeze Golf Club). There was a very special surprise gift donated from E-Z-Go Golf Cars this year. The gift, two Packer tickets to the Bishops Charity Game on Monday Night August 11, 2008 were won by Roy Janzen and John VandenBoogard both from High Cliff Golf Club with the lowest score of 87. Special thanks for Jim Hasz, David Petrack and Tony Eilers and their respective staffs for an outstanding job at Lake Breeze Golf Club to end our monthly meetings for 2008.



433 yard par 4, 17th hole at Lake Breeze

In the last installment of the *Grass Roots* magazine (July/August) I failed to mention the overall Low Gross Champion for the 2008

Superintendent Tournament at Watertown Country Club on July 7, 2008. The winner of the 2008 Superintendent Tournament went

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