

Stingers—

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paper-like material and resemble a large, bloated football. Nests are typically built in trees or shrubs, on overhangs or attached to the outside of sheds or other structures. Hornet nests may contain thousands of wasps, which become extremely aggressive when disturbed. The nests are often located out of reach and should be removed by a professional pest-control firm.

Hornet nests should be treated only at night, when most hornets are inside the nest and are less active. Wear a full wasp suit and bee veil, secured at the wrists, ankles and collar. Hornet nests have a single opening, usually at the bottom, where wasps enter and exit. Apply an aerosol-type wasp and hornet spray or a dust formulation such as carbaryl (Sevin), bendiocarb (Ficam) or deltamethrin (DeltaDust) directly into the opening. An extension pole (such as the product Dustick) that allows application from the ground or from some distance away gives added safety to the applicator. Sellers of structural pest-control supplies stock such applicators. During treatment, only background lighting should be used. Do not shine a flashlight into the nest opening.

Be especially careful not to puncture or break the outer nest envelope, as this will cause the agitated hornets to scatter in all directions. Following treatment, wait several days to ensure that all of the wasps are dead before removing the nest. If active hornets are still observed, the application may need to be repeated.

Yellow Jackets

Yellow jackets (*Vespula* species) often are the most dangerous stinging wasps found on golf courses. The common name is based on their distinctive black and yellow markings. Like hornets, yellow jackets become extremely aggressive when their nest is disturbed. The nests often are located underground in old rodent burrows, especially those of chipmunks, ground squirrels or woodchucks, or beneath rocks or landscape timbers. By late summer, the nest may be a foot or more in diameter and contain thousands of wasps.

Yellow jackets also build nests in rock walls or in walls, attics, crawl spaces, garages, sheds or other structures. If the nest can be located, the colony often can be eliminated by applying an aerosol wasp spray into the nest opening. Dust formulations (such as DeltaDust, Drione, Sevin or Ficam) also are effective, provided that a hand-held duster is used to puff the insecticide into the nest opening. Inexpensive dust applicators are available from structural pest-control supply houses.

Dusts tend to be more effective than aerosols when the nest itself is located some distance from the entrance hole, as often occurs when yellow jackets construct nests in wall voids or deep within abandoned animal burrows. Insecticide dust blown into the opening penetrates farther than sprays and is also carried throughout the nest on the bodies of the workers.

Colonies should be eliminated only at night, when most of the yellow jackets are in the nest and less active. Locate the nest opening during daylight so that you'll know where to direct the treatment after dark. A full protective wasp suit should be worn. Approach the nest carefully, using indirect light. Do not shine your flashlight into the nest opening. Place the light on the ground, to one side, rather than holding it because angry wasps tend to fly toward light. Attach a long string to the hand so you can easily recover the flashlight later. If the nest is difficult to reach, call an experienced pest-control operator.

Yellow jackets' tendency to scavenge for food makes them a serious nuisance around outdoor food concessions and dining areas. These problems peak in late summer and fall, when the colonies are nearing maturity and thousands of workers are out foraging for food for the developing queens. At that time, they favor sugary foods, including fruits, ice cream, beer and soft drinks.

Outdoor diners should keep food and beverage containers covered. Yellow jackets foraging away from the nest usually are not aggressive and will seldom sting unless provoked. People should resist the urge to swat at the wasps and use care when drinking from beverage cans, which may contain a foraging wasp. Perfumes or colognes also tend to attract wasps and should be avoided.

It's important to limit wasps' access to attractive food sources. Equip trash cans with tight-fitting (preferably self-closing) lids and plastic liners, and empty and clean them often. Dumpsters and trash cans should be located away from concession, dining and other high-traffic areas. Clean up spills and leftovers promptly, but if spills have attracted large numbers of yellow jackets, wait until their activity subsides at night.

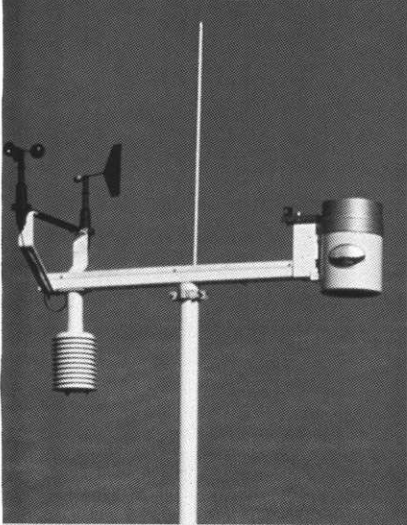
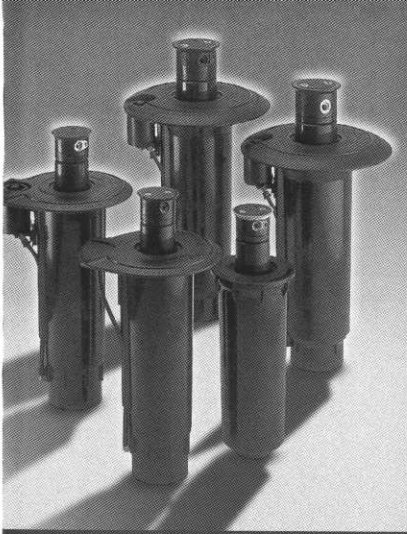
Maintaining good sanitation earlier in the summer will make these areas less attractive to foraging yellow jackets later on. A dilute solution of ammonia (6 ounces of ammonia per gallon of water) sprayed in and around trash cans and sponged onto outdoor tables and food preparation surfaces may help to repel yellow jackets. Use household ammonia, not bleach.

Yellow jacket traps of varying designs are sold at many lawn and garden stores. When properly baited and maintained, these traps (much like Japanese beetle traps) often attract and capture large numbers of yellow jackets. Unfortunately, trapping a few hundred wasps seldom results in a noticeable reduction in activity if nests contain thousands of wasps. If traps are used, position them around the periphery of the area you wish to protect; otherwise, you may attract more wasps than are trapped.

Cicada Killers and Sand Wasps

Cicada killers (*sphecius speciosus*) are very large wasps, up to 1 5/8 inch long, that resemble gigantic hornets or yellow jackets. They have a rusty-red head, amber-yellow wings and a black abdomen with pale yellow stripes. These wasps alarm golfers and homeowners because of their menacing appearance, burrowing habits and buzzing. Although cic-

(Continued on Page 23)



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MGCSA Presents 1999-2000 Stodola Scholarships to Three Students

By RALPH TURPINEN

Three students — one at the University of Minnesota, another at Iowa State and the third at Penn State — have been granted \$1,000 Harold Stodola Scholarships for the 1999-2000 school year.

They are:

Andrew Kjos, a Penn State student who has served as an intern at Augusta National in Georgia;

Brandon M. Schindele, University of Minnesota, who has been employed at Edina Country Club;

Chad M. Wilson, an Iowa State student who also served as an intern at Augusta National and has received a scholarship for the past two years.

“Once again our scholarship committee had an outstanding group of applicants as we pared them down to the final three,” said John Queensland, Cedar River CC, chairman. “We expect them to continue to do as well at college as they have in the past.”

Andrew Kjos is a 1988 graduate of Benson High School and a 1995 graduate of Concordia College in Moorhead where he received a B.A. degree in communication. He began his studies last fall at Penn State where he serves as secretary of the university’s Turf Club.

In high school he played football and tennis, worked part-time at a radio station, once participated in a four-week educational travel seminar to Europe and was a member of the Homecoming Committee at Concordia. He lettered five times in tennis at Benson and also was a four-year tennis letterwinner at Concordia. He sings in a church choir, coaches hockey and teaches tennis to youngsters.

“While growing up in a small town, I mowed lawns for neighbors and parks but was fascinated with the local golf course I played at,” said Kjos. “During college I got a job at the Benson Golf Course, but at that time I didn’t intend to make a career of it.

“After getting my communications degree at Concordia, I spent a year working various jobs trying to find a career to pursue, but after a lot of soul searching, I found working on a golf course is what I really enjoy doing.”

“College has taught me how to learn and how to think on my own,” he said. “It has and is giving me the ability to solve problems. I may not be able to tell you what the adaxial leaf side of Bahiagrass looks like, but if for some reason I needed to know it, I would be able to find it. My education

is my ticket into the game. Without it my goal is unattainable.”

Said George W. Hamilton, his advisor at Penn State, “Andy is an outstanding individual and student. He is very committed to the golf course industry, he’s very mature and displays true professionalism.”

Andy’s work experience also includes serving as a crew member at Minneapolis Golf Club and The Quarry at La Quinta, Calif. He also was an intern at Minisceongo Golf Club in New York.

Brandon M. Schindele, who currently is pursuing a four-year degree in Environmental Horticulture with a turf emphasis, was graduated from Stillwater High School in 1995, attended the University of North Dakota for two years, then transferred to the U of M.

In high school he was graduated with a 3.4 GPA and was on either the A or B honor roll during his three high school years. At UND he was on the Dean’s List for two semesters and was selected as one of the 10 finalists in the Toro Championship Tournament Training Program.

He also was a varsity soccer player at Stillwater captain of North Dakota’s soccer team and a volunteer soccer coach for two summers. Last March he was elected vice-president of the University of Minnesota’s student chapter of GCSAA.

“My initial interest in golf was stimulated by my father who would spend time in our back yard when I was about five years old, just pitching balls into a 5-gallon bucket, then going to play at local courses as I got older.

“My interest in this field began as I began working at a local golf course during the summer, and each year I became more interested as the superintendent encouraged me to go into golf course maintenance when I really didn’t know what I wanted to do in college after my freshman year. He would teach me about the irrigation system and

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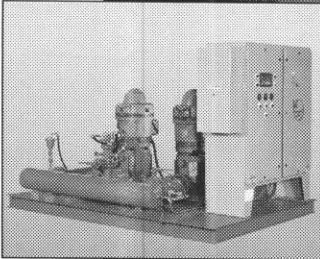


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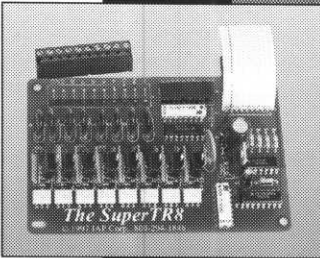
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Scholars—

(Continued from Page 13)

about diseases and other areas of the field, almost like I was an intern. Instead of just going to work, I learned other things and saw more of what a superintendent's job consisted of."

"I am majoring in turf management because I feel this will be only the beginning to my education in this field," Brandon said. "I believe my role in this profession will not be simply limited to the caretaking of the golf course and grounds, but also as an environmental steward, educator, a public relations liaison and a leader for this profession!"

His work experience includes service at Edina Country Club where Dave Simeon said that "Brandon is the best student I have been associated with. He is going to go a long way in the golf course management profession."

At the U of M, Professor Don White described Brandon as "hard-working, honest, conscientious and active in student affairs" and noted that he currently is vice-president of the GCSAA student chapter and contributes to the community as a Big Brother and volunteer coach on a traveling soccer team.

Chad M. Wilson, who also received a Stodola Scholarship last year, was graduated from St. Charles High School in 1996 and expects to graduate from Iowa State University in the fall of 2000 with a horticulture degree/ and turfgrass management emphasis.

In high school he was an honor student, received the DAR Good Citizen Award, was listed in Who's Who Among America's Students, lettered for three years in golf and was captain twice. He also has been active in church work.

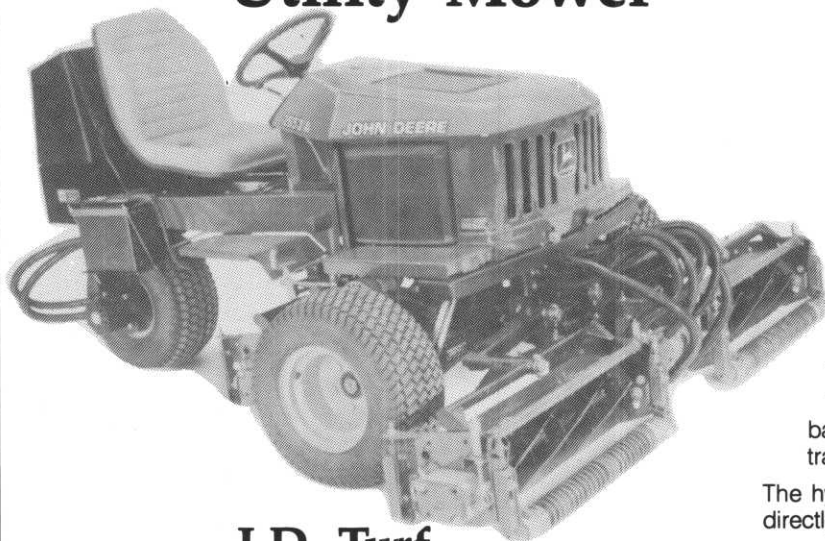
At Iowa State he has served as treasurer and vice-president of the school's Turfgrass Club, has an overall GPA of 3.66 and is a member of the student advisory committee of the GCSAA. He also received a first place award in the student essay contest.

Said Professor David D. Minner: "Chad also completed very successful student internships at Pinehurst No. 8 in 1997 and the Country Club of the Rockies in Colorado in 1998. He will be one of tomorrow's leading professionals because he has clearly defined goals and already has made substantial progress towards them, both academically and professionally."

Chad began working on the maintenance staff of St. Charles golf course in 1995 and felt that line of work could help keep him close to the game he liked considerably. Chad also was described as a "team player who operates with a great sense of urgency, has a good understanding of the need for details and a do-whatever-it-takes attitude" while serving this past year at Augusta National.

Introduced to golf by his mother, Chad said "I fell in love with the game and while working on our local golf course I knew that becoming a superintendent was what I wanted to be. Eventually I will become a Certified Golf Course Superintendent."

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INCLUDES MGCSA'S JAMES J. NICOL, CGCS

GCSAA's 2000 Board Candidates Announced

James J. Nicol, CGCS, Hazeltine National Golf Club, is one of three candidates for GCSAA directorship. GCSAA members will elect three officers and two directors from a field of seven candidates at the annual meeting in New Orleans, Feb. 19. The nominating committee met July 31 at GCSAA headquarters and carefully reviewed the eligibility and requirements of each nominee. Those nominees approved for candidacy include:



James J. Nicol, CGCS
Hazeltine National Golf Club

- For president: R. Scott Woodhead, CGCS at Valley View, in Bozeman, Mont.
- For vice president: Tommy D. Witt, CGCS at Stillwaters in Dadeville, Ala.
- For secretary/treasurer: Ken Mangum, CGCS at Atlanta Athletic Club in Duluth, Ga.; and Michael Wallace, CGCS at Hop Meadow Country Club in Simsbury, Conn.

• For directors: James J. Nicol, CGCS at Hazeltine National Golf Club in Chaska; John D. Maddern, CGCS at Elk Ridge Golf Course in Atlanta, Mich.; and Timothy T. O'Neill, CGCS at Country Club of Darien in Darien, Conn.

Samuel R. Snyder VII, CGCS, and Mark J. Woodward, CGCS, each have one year remaining on their two-year director terms. 1999 President David W. Fearis, CGCS, will serve as past president, and George Renault III, CGCS,

1999 immediate past president, will retire from the board.

"We have a strong field of candidates once again for the 2000 election. Each of the candidates has extensive volunteer leadership experience at the chapter and national level," says Paul S. McGinnis, CGCS, nominating committee chairman. "The nominating committee is confident that whomever the voting members elect, the association will continue to be led by highly qualified members into the new millennium."

In addition to McGinnis, the nominating committee includes Robert J. Maibusch, CGCS; William F. Ploetz; Steven M. Wright, CGCS; and Randall P. Zidik, CGCS.

Candidates were introduced at the Chapter Delegates Meeting, Sept. 10-12. They offered a brief presentation and participated in one-on-one question and answer sessions. In-depth profiles of the candidates will be included in the official notice of annual meeting and *Golf Course Management* magazine to be mailed to all members in January.

IT'S TIME TO FIELD A TEAM FROM MGCSA

GCSAA Golf Championship Set Feb. 14-15 in Mobile, Ala.

Which team of superintendents will reign as champions in 2000? The time has come to select MGCSA's golf team(s). Now is the time to get our chapter members to enter the GCSAA Golf Championship and represent the chapter!

Deadline for individual registration is November 1. The registration deadline for entering a Chapter Team is January 20, 2000.

A new item from last year allows one team member to be an affiliate member. All team members must be a member of the MGCSA.

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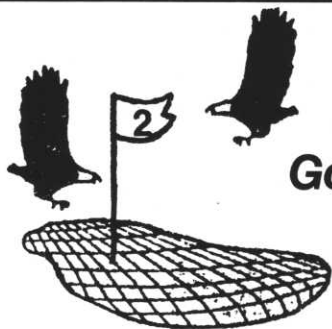
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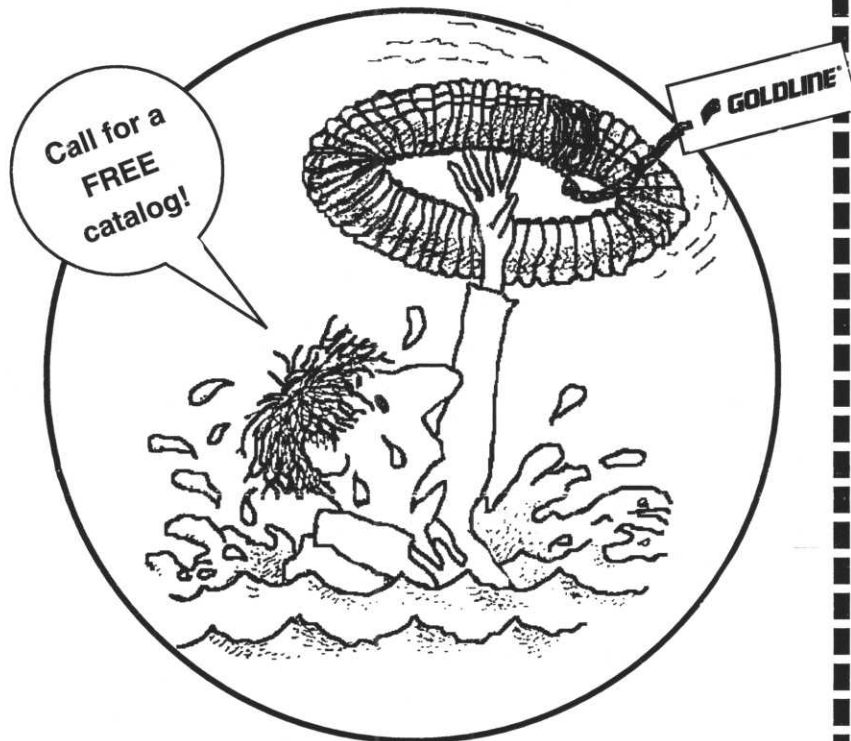
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Get Involved:

Support the FQPA "Fairness" Bill

GCSAA has launched a grassroots campaign in support of S. 1464, the "Regulatory Openness and Fairness Act of 1999," which is intended to ensure fair implementation of the Food Quality Protection Act (FQPA) of 1996. The bill is significant because two important classes of chemicals are under the gun at EPA right now — organophosphates (products such as Dursban) and carbamates (products such as Turcam).

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