

# A New Element —Administratium— Discovered

(Ed. Note: The effects of administratium are not yet known to turf. However, the effects on superintendents is becoming more known as we speak!)

The heaviest element known to science was recently discovered in the Soviet Union at Turgid University.

The element, tentatively named Administratium, escaped detection for years due to its peculiar structure. Extensive testing has determined that Administratium has no protons or electrons, which gives it an atomic number of 0. However it does contain 1 neutron, 103 assistant neutrons, 81 vice-neutrons and 133 assistant vice-neutrons. This gives it an atomic mass of 318. These 318 particles are held together in a nucleus by a force that involves the continuous exchange of meson-like particles called morons.

Since it really has no electrons, Administratium is inert. However it can be detected chemically as it impedes every reaction it comes in contact with. According to the discoverers, a minute amount of the substance caused one reaction to take over three days to complete when it normally occurs in less than three seconds.

Administratium has a normal half-life of approximately 2.5 years. However, instead of decaying, it actually undergoes a reorganization in which assistant neutrons, vice-neutrons and assistant vice-neutrons exchange places.

Some studies have even shown that occasionally the atomic mass actually increases after these reorganizations.

Research at other laboratories has indicated that Administratium occurs naturally in the atmosphere. It tends to concentrate at certain points such as government agencies, corporate headquarters and universities. At these locations, the strongest concentrations can be found at the newest and best maintained buildings.

Scientists point out that Administratium is toxic at any level of concentration, as it destroys productivity wherever it is allowed to accumulate. There is some evidence linking exposure to extensive paper handling, although this question needs further study. Attempts are being made to determine how Administratium may be controlled or eradicated, but results to date are not promising.

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## MGCSA Teams Up With Ronald McDonald House

The MGCSA has teamed up with the Ronald McDonald House. Please save your pop can, pop tabs! Those handy little tabs will go a long way in helping make a family more comfortable while a young child goes thru medical treatment. This is a team effort that will secure a bright future for a precious commodity, our children.

November 12th is the day and Knott's Camp Snoopy is the place. The return of the MGCSA's Family Picnic. Make sure that you write that date down. Of course, this is open to ALL MGCSA members and their families! Further details will be forthcoming.

## EPA Moves Ahead With Reduced Risk Policy

One of EPA's primary objectives this year is to launch a pilot reduced risk pesticide program through the Office of Pesticide Programs' registration division.

Larry Cullen, acting director of the division, says the goal is to accelerate the agency's review of applications for registration of pesticides that may pose a lower risk to public health and the environment than products currently on the market.

Under the pilot program, EPA would test how the agency would deal with risk issues. Several product registration applications accompanied by justification for reduced risk status already have been received, Cullen said.

He said EPA is not looking to issue a blanket set of criteria and warned that risk tradeoffs involved in registering the products will not be easy to evaluate. However, he added that it is critical to begin implementing the policy on a case-by-case basis.

A pesticide registration notice will be mailed to registrants soon.

EPA has refused to define the term "reduced risk."

## Court Upholds Citizen's Right To Sue Under EPCRA Rules

A citizen's right to sue under the Emergency Planning and Community Right-To-Know Act was upheld recently by a Pennsylvania court.

The plaintiff in the suit alleges that a decorative foil manufacturer was late in filing reports required under EPCRA. The manufacturer did not

contest the charge, but asked that the suit be dismissed on ground that Congress had unconstitutionally delegated executive power by allowing any citizen to sue, thereby violating the separation of powers doctrine.

However, a U.S. District Court judge for the District of Eastern Pennsylvania ruled that citizen lawsuit provisions similar to EPCRA have been incorporated into environmental statutes for more than 20 years and never have been declared unconstitutional.

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# Minnesota Valley C.C. Recognized For Environmental Excellence

Minnesota Valley Country Club has been dedicated as a "Certified Audubon Cooperative Sanctuary" by the Audubon Cooperative Sanctuary System, a program of the Audubon Society of New York State, and endorsed by the United States Golf Association. Minnesota Valley Country Club joined the program in 1992 and is the first golf course in Minnesota to achieve the "Certified" designation.

"Minnesota Valley C.C. has shown a strong commitment to its environmental program. They are to be commended for their efforts to provide a sanctuary for wildlife on the golf course property," said Jean Mackay, staff ecologist for the Audubon Society of New York.

"To reach certification, a course must demonstrate that it is maintaining a high degree of environmental quality in a number of areas," explained Mackay. These categories include Environmental Planning, Public Involvement, Integrated Pest Management, Wildlife Food Enhancement, Wildlife Cover Enhancement, Water Conservation and Water Enhancement.

To attract and sustain a diversity of wildlife species, Minnesota Valley maintains two native wildflower areas, 10 acres of tall grassland, a variety of fruit bearing trees for birds and 31 songbird nest boxes. Their efforts are proving to be quite a success. Thus far, they've recorded 50 species of birds on the property including meadowlarks, myrtle warblers, egrets and wood ducks. In addition, 25 bluebirds were fledged in 1993 from the nest boxes that have been placed throughout the course."

According to superintendent Larry Mueller, "Enhancing wildlife and nature in general makes jobs even more rewarding and it certainly enriches everyone's round of golf. The membership at Minnesota Valley is quite excited about becoming a Certified Audubon Cooperative Sanctuary and is extremely pleased and proud of this accomplishment."

To demonstrate their commitment to conservation, the club recently became the first corporate member of the Friends of the Minnesota Valley Heritage Registry. This non-profit citizens group works to preserve the Minnesota River Valley and deserves much of the credit for the establishment of the Minnesota Valley National Wildlife Refuge and recreation area. By pledging to protect wildlife habitat on the course, the Club will contribute to the long-term viability of plant and animal species in the Minnesota Valley.

"Through working with the Audubon Society of New York, we have been able to provide a quality golf course for our members as well as an attractive wildlife habitat for numerous species of birds and animals," Mueller said. "We will continue to keep environmental concerns in the forefront of all our management decisions."

In addition to golf courses, the Audubon Cooperative Sanctuary System also includes programs for schools, individuals and businesses. For more information, contact The Audubon Society of New York State, 46 Rarick Rd., Selkirk, NY 12158, (518) 767-9051.

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# Worker Protection Standard Clarification

## *More Courses Affected than Reported Earlier*

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The bad news is that more golf course operations than previously thought are covered by the new Worker Protection Standard (WPS) for Agricultural Pesticides. The good news is that President Clinton recently signed a bill delaying implementation of the standard until next year.

According to federal and regional EPA sources, any golf course that produces turfgrass or ornamental plants, even if they are produced for use exclusively on the golf course where they are produced, IS covered by WPS. If these product are purchased from an outside source and planted on the golf course by golf course personnel, the operation is NOT covered by WPS. Only the actual production end of the cycle is covered.

EPA earlier told *Briefing* that only golf course operations that produce turfgrass and ornamentals for general public consumption were covered by the standard. Golf courses that do not produce turfgrass or ornamentals are not affected by the standard.

The WPS requires employers to provide workers with personal protection equipment, safety training and warning signs to protect laborers from hazards stemming from exposure to pesticides.

The agency's logic is that the types of activities involved in golf course turf and ornamental production areas are the same as those targeted in the WPS. Thus, golf course personnel engaged in those activities are required to comply with the standard.

However, Congress has approved a bill to delay the April 15 implementation date of the standard to Jan. 1, 1995. The bill was drafted because those covered under the standard did not know how to comply with the regulation. The bill

also provides that by Sept. 23, 1994, pesticide safety training materials must be developed and distributed.

Also under the bill, specific worker protection requirements that appear directly on the label must be enforced. The label also will contain a restricted entry interval that must be observed. However, if a label states that no re-entry is allowed during the restricted entry interval, the bill provides an exemption to that requirement.

According to the bill, "a worker may enter an area treated with a pesticide during the restricted entry interval specified on the label of the pesticide to perform tasks related to the production of agricultural plants" as long as our conditions are met:

- No hand labor activity is performed;
- No such entry is allowed for the first four hours following the end of the application of the pesticide;
- No such entry is allowed until any inhalation exposure level on the product label has been reached, and
- The personal protective equipment specified on the product label for early entry is provided to the worker in a clean and operation condition.

The bill states that for irrigation work where the only contact with treated surfaces is to the feet, lower legs, hands and arms, protective equipment may consist of coveralls chemical resistant footwear rather than the equipment specified on the label.

The bill also clarifies definitions of "crop advisers," "hand labor," "agricultural employer" and "worker."

For more information about the standard, compliance and effective dates contact GCSAA's government relations program at 913/832-4470.

**GREG BRODD**  
of North Star  
Turf drops  
one or did he?



# Master Plan —

(Continued from Page 19)

Get all these thoughts in your mind—or better still, write them down. You are now in a frame of mind to constructively discuss the master plan.

To paraphrase an old song, “concentrate on the positive, eliminate the negative.”

## About the Author

Ted Baker, principal in Ted Baker & Associates, is an accomplished designer and planner. His recent election as a Fellow of the Canadian Society of Landscape Architects reflects this.

Assignments have included innovative solutions for public parks, major corporate centers, municipal landfill sites and master planning for residential and commercial developments.

But, perhaps his foremost interest is the design of golf courses where he can respect the best traditions of golf course architecture—enhanced by the modern techniques of landscape architecture.

Baker has designed many courses including the now well-regarded Lionhead. Currently, he is working on more than a dozen courses. He firmly believes that a golf course must exist in harmony with nature—giving the impression that it has always been there.

Ted Baker, like so many good Canadian architects, has

links to Stanley Thompson, Howard Watson and Robbie Robinson.

The natural approach to design, as practiced by Ted Baker, began with a job acquired during summer university days when he worked for one of Canada’s dean of architects, Howard Watson.

Over two decades Watson continued to be his mentor. For example, Ted learned from Howard that counting empty fertilizer bags was one way of checking a supplier’s invoice.

Baker also tells the story related to him by Howard about the early work days under Stanley Thompson.

Apparently, the young Watson and a fellow worker, Robert Trent Jones, came to an agreement. Jones was anxious to learn more about the backroom studio techniques that Howard had mastered. At the same time, Watson was keen to become a better golfer. Jones was an accomplished amateur out of upper New York State.

They struck a deal—Watson would teach Jones more about the technical aspects of architecture and Jones would teach Watson to play better golf.

Watson, many years later, confided to Baker: “Obviously, I did a better job than Trent.”

—Bill Newton

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FEATURED FOURSOME:**  
From the left are Mankato G.C.'s  
Boots Fuller, Fred Taylor  
and Al Starke along with  
Ron Bloom, Fairways, Inc.

## 1994 MGCSA MONTHLY MEETINGS

Mon., June 13 .....	Tianna Country Club
Mon., July 18 .....	<b>GARSKE SCHOLARSHIP SCRAMBLE</b> Rochester Golf & Country Club
Mon., August 8 .....	MGCSA CHAMPIONSHIP Wayzata Country Club
Mon., Sept. 12 .....	<b>STODOLA RESEARCH SCRAMBLE</b> Hazeltine National Golf Club
Mon., Oct. 10 .....	Minneapolis Golf Club
Wed.-Fri., Dec. 7-9 .....	<b>ANNUAL CONFERENCE</b> Minneapolis Convention Center

## MEMBERSHIP REPORT

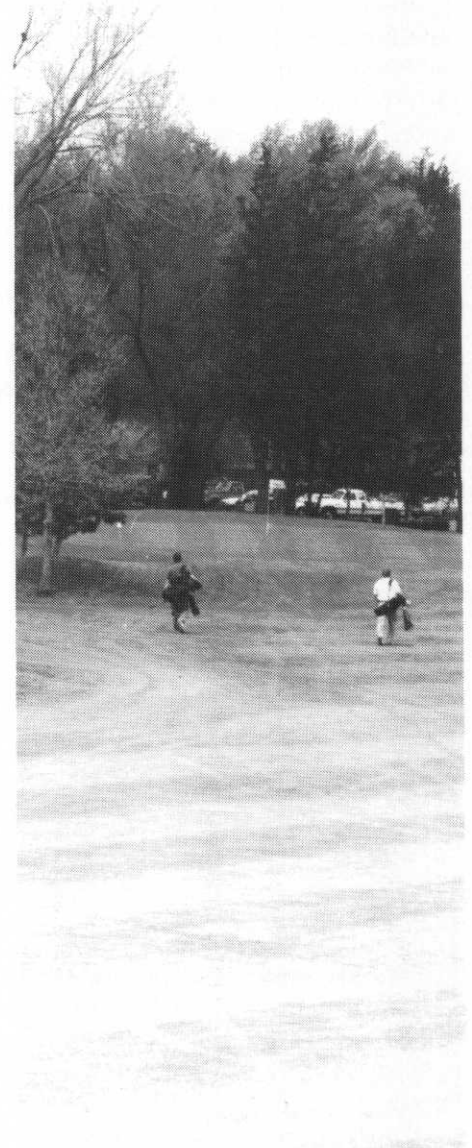
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### RECLASSIFICATION—MAY 11, 1994

<b>Thomas Feriancek</b> .....	Hastings C.C. ....	B to A
<b>Keith Greeninger</b> .....	Baker National G.C. ....	B to A
<b>Kenneth Laboski</b> .....	Town & Country Club .....	E to BII
<b>Jim Peloquin</b> .....	Les Bolstad U of M G.C. ....	C to BII
<b>Daniel R. Swenson</b> .....	Applewood Hills .....	C to BII
<b>Larry Waasdorp</b> .....	Maple River G.C. ....	BII to B

*Dick Grundstrom, Membership Chairman*



**GOLF IS A LONG WALK SPOILED**  
... I don't think so.



# EDITOR'S CORNER

By Dale Wysocki  
Faribault Golf & Country Club



What an early spring season this has been. Severe storms, tornadoes and then snow! Let's see, could it have been El Nino? I don't think so. Could it have been that the space shuttle was launched recently? I don't think so. Well, what causes the weather and why does it do what it does? This year could be the year of normalcy. That would be a pleasant change. The past two years had their challenges. Well, disease pressure wasn't that great, and the Poa even survived and really did multiply all over the place. But this year could be different, as every day is different. Wouldn't it be nice if every day was the same, temp around 79 degrees, light winds out of the northwest about 6 to 10 mph with just the right amount of humidity, not to mention just the right amount of rain every 3 days. Oh well, some people (like me) dream of those perfect spring days while watering the greens at sunrise. Anyhow, with this spring season comes the usual amount of projects: aerifying greens, tees and fairways, making golf conditions for our golfers the best possible, although the initial idea of seeing cores lying on a putting surface isn't a golfer's idea of "better," But wait, give the greens some warm sunlight, warm rain after all the topdressing is matted in and a couple of nice warm days and those putting surfaces will be putting better than anyone will possibly remember.

\*\*\*

**Have you ever had the chance to talk to a Golf Course Superintendent from California or New England?** Stop and think about the controls that we have to use. You do realize that California has its own EPA, and many of the fungicides, insecticides and other chemical controls are not available there. How would you change your maintenance programs if you were unable to use any systemic fungicides. Could Minnesota ever think of forming its own EPA, an EPA that would require all manufacturers of chemicals to submit all testing to a board. Government Relations is one committee that the GCSAA is going to be taking extremely serious. The MGCSA's Environmental Committee will be taking a very active role in letting the GCSAA know of any pending legislation concerning environmental areas.

\*\*\*

**A number of MGCSA members are volunteering** their time to serve on GCSAA committees. They are Steve Garske of Par Aide, Industrial Relations Committee. Paty Knaggs of Hazeltine National Golf Club, Conference Committee, Jim Nicol, CGCS, of Bunker Hills and Keith Scott, CGCS, of Oak Ridge Country Club.

**Early in May** I went to pick up my boy Steven. Across the street from the latch key center where he resides before and after kindergarten, I saw a young man with a cigarette hanging in his mouth, wearing shorts and a tee shirt applying something to the boulevard lawn. I sat and watched for a tad, noticing that the wind out of the northwest was quite substantial. How often during MGCSA Seminars have we been taught about spraying proper application, correct attire when applying and **WHEN NOT TO SPRAY!** Putting yourself into John Q. Public's shoes, could you perceive that this is how all fine turf products are applied. **PRETTY SCARY SITUATION.** Many Golf Course Superintendents utilize different strategies to control pests, disease and other troublesome conditions, and when they apply a plant protectant, every possible precaution is taken not only to reduce exposure to the person applying the item, but to make sure that there is no exposure to the people who frequent our fine facilities. It makes sense to be cautious and be smart.

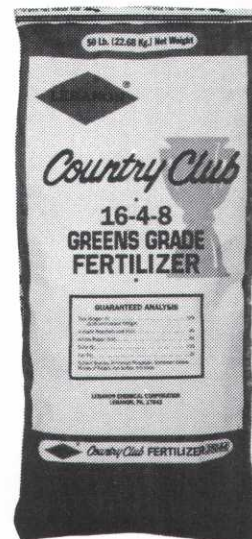


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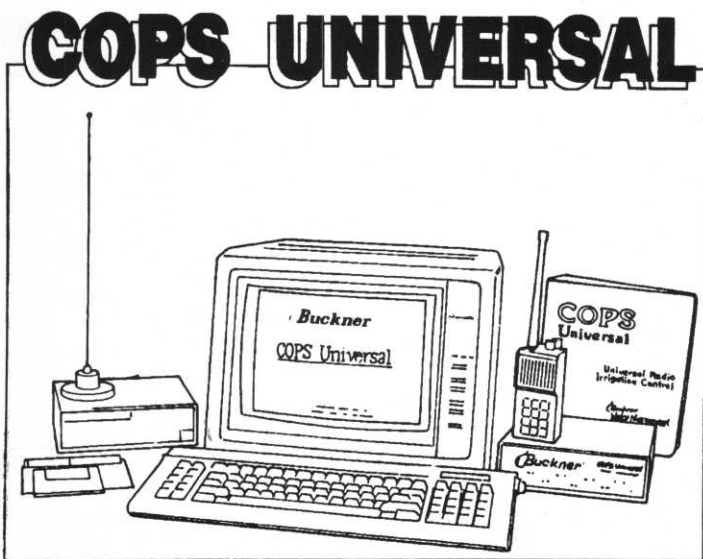


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