

Editor: ROGER LA ROCHELLE
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The following is a list of office telephone numbers for the entire Board.

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Albey Staudt	232-0624
Denis Straus	392-0427
Paul Voykin	945-3350

The members of the Midwest Association of Golf Course Superintendents owe a vote of thanks to the officers and directors for 1971. We should also feel obligated to help the new Board through participation in meetings and on various committees. These men are the leaders of the association but should not be expected to do all the work. So let's strive to make this an organization of strong member participation. I'm sure the Board will be overwhelmingly grateful.

Editor

COMMITTEE CHAIRMEN FOR 1972

Arrangements — Albey Staudt and Ed Smith
Attendance — Bob Breen
Benevolence — Mike Bavier and Albey Staudt
By-Laws — Joe Canale and Ed Smith
Education — Denis Straus and Roger LaRochele
Entertainment — Bob Breen
Golf — Harold Michels and Joe Grenko
Membership — Denis Straus, Bob Breen and Roger LaRochele
Publicity — Ray Gerber
Scholarship and Research — Roger LaRochele

If any member of the MAGCS desires to be on any committee, please let the committee chairman know at the January meeting or call him. He will welcome the help.

MAGCS JANUARY MEETING

The arrangements committee has announced that our first meeting of 1972 will be at **Dave Meyer's Nordic Hills Country Club**.

One of the highlights of this meeting will be the privilege of using the **Nordic Hills fabulous health club**. This includes swimming, sauna, whirlpool, etc. All MAGCS members may use the health club facilities from 10:30 until 12:30.

The cocktail hour will be from 12:00 until 1:00 and lunch will be served at 1:00 sharp.

The meeting following lunch will feature **Mike Bavier** and **Dudley Smith**, our delegates to the GCSAA Conference in Cincinnati. At this time any suggestions or comments to be directed to the Advisory Committee may be aired. Also at this time will be discussed the voting procedure at the Conference.

It is the new Board's intention to bring new life to the Midwest GCS. Our members should have the feeling that anything they contribute is worthwhile and that it is to their advantage to attend the meetings. The only way to accomplish this is to make our monthly meetings so attractive that others in our profession are dying to join us.

RAY GERBER HONORED

At the December meeting of the Midwest GCS, Mr. Ray Gerber was presented the Bartlett award by Dudley Smith. This award is presented to one who has been outstanding in public relations for our association. Previous winners of the award are Paul Voykin, Oscar Miles and Norm Kramer.

The President's Message

I am deeply honored to be your new president. I have lost count the many times I have served on the board in the past sixteen years, but I do remember being chairman on almost every committee on the board. Because of this first hand experience I realize now as your president how much hard work it all takes to become a good committee chairman. This is why I am happy to be settled with such a superb cast of board members. The new board is almost the same as last year's, and because of this ideal situation I know what they are capable of accomplishing. It will be our mutual endeavor to keep this magnificent old Midwest Association where it belongs . . . at the top. However, in order to better achieve this continuing effort certain steps must be undertaken. From now on all business meetings will be run in formal parliamentary procedure. I have not always been a strict adherent of parliamentary procedure, but I believe now from past experiences that this is the only way to efficiently run an organization as large as ours. It is a proven method. However, and again I view this from past observations, it still might be possible for someone to attempt disrupting a particular meeting under certain circumstances. If this embarrassing situation ever occurs I can promise that the aftermath reaction of the whole board will be swift and decisive in forthcoming. This is the last time around for me and I would rather be a good president at one meeting than a poor one for twelve. Our paramount consideration must always be for the feelings of the majority rather than for the futile appeasement of just a few.

Our 1972 Midwest Board will strive to have monthly get-togethers that are constructive, with short to the point business meetings, and pleasant and interesting education programs. Most of all I hope with all my heart the return of old fashioned comradery at our meetings. Maybe I am sentimental but I remember the good times with past old friends who aren't here anymore, and others who don't come around as frequently as they used to, before ecology and pollution, and noise, drugs and the pill, before women's lib, poa annua, Russians migrating from Canada, and God knows what. We had problems in those days but somehow we managed to enjoy ourselves more than we do now.

I hope to see a majority attendance every month. I am looking forward to that first Sunday in February at the hospitality room in Cincinnati. I think our entertainment chairman Bob Breen has me set for bartender that night. As someone once said at the bottom of a hill, "you have to start somewhere."

Sincerely,
Paul N. Voykin

POSSIBLE HELP?

Mr. Joseph M. Canale, President
Midwest Association of GCS
422 West Walnut Street
Oglesby, Illinois 61438

Dear Mr. Canale:

Mr. Paul M. Alexander, Director of Education for the Golf Course Superintendents Association of America, has suggested that I write you concerning possibilities of employment and for our new internship program.

Each year Western Illinois University grants baccalaureate degrees to over one hundred students in Agricultural Economics, Agricultural Engineering-Mechanization, Agricultural Occupations Education, Agronomy, Animal Science, General Agriculture, or Horticulture.

During this coming year, we are implementing a new program which relates each of the fields to the needs of the business community. Students will attain proficiency in accounting, marketing management, production management, business quantitative studies, or finance, in addition to their agricultural specialty. They will be required to satisfactorily complete an internship with a commercial concern. If you have trainee positions available at some location in Illinois, you may elect to participate in this program.

To assist in obtaining the right man for the right job, we ask that you make available any information concerning your company and its employment opportunities during the 1972 year. Further, you are welcome to send a representative to interview prospective employees on our campus. Such arrangements should be made through this office.

It is hoped that you will utilize these services for the benefit of your company. In any case, we would appreciate your reaction to these programs.

Sincerely,
Victor L. Sheldon
Chairman

New Regulations In New York

Cecil F. Kerr,
Chipco Turf Products Manager
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In July of 1970, New York State issued a list of seventy-two restricted pesticides. The original intent of the new regulation was that these restricted chemicals would be applied only by a custom applicator. In the original document chlordane could be used only for termite control. Arsenicals were restricted to 4 pounds of active ingredient per acre. Mercury compounds and DDT were banned completely.

Several superintendents and golf course superintendent associations wrote letters to Henry L. Diamond, New York Commissioner of Environmental Conservation, defending tri-calcium arsenate, chlordane and mercurial compounds. They also described the pro-

(Continued on page 6)

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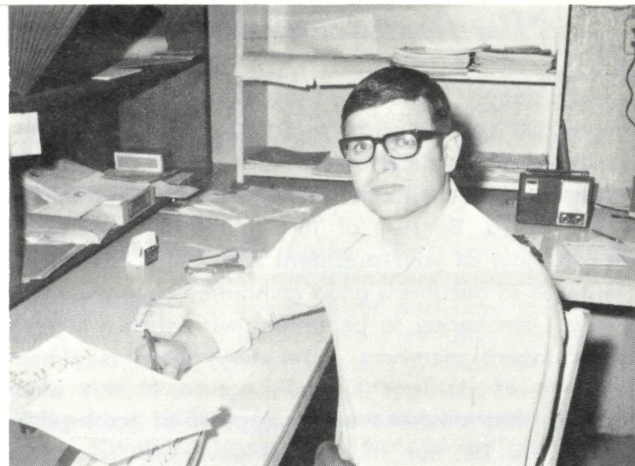
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EDITORIAL

I am honored to serve as director of the Midwest GCS. As co-chairman of the education committee I wish to extend to any member the opportunity to serve on the committee or to participate in some program. I am sure that Denis Straus and myself will be happy to consider any suggestions you might have. Let's make this another fine year for the enlightenment and education of the membership.

Our national association works quite hard in our behalf. The bulk of the responsibility for reasonable pesticide legislation rests with Dr. Alexander. This area is becoming more and more critical in our field. Illinois' statute which is now on the books will be followed by others even more restrictive. It is imperative that we not be lumped with all forms of agriculture. The certification program which the GCSAA has implemented is only one way to show that we are concerned and are actively promoting better pesticide use. The following letter is an example of what Dr. Alexander is doing to upgrade our profession.

Dr. Harold G. Alford, Acting Director
Pesticides Regulation Division
Environmental Protection Agency
South Agricultural Building
Independence Avenue
Washington, D.C. 20250

Re: F.R. Arsenic and Lead Notice

Dear Dr. Alford:

At a recent meeting of the Executive Committee of the Golf Course Superintendents Association of America, I was instructed to write to you concerning the Federal Register Arsenic and Lead Notice.

Specifically, we wish to support the evidence presented to various state and federal agencies by Mr. Cecil F. Kerr, Dr. William H. Daniel and myself (three copies of each attachment are enclosed).

This Association represents over 2,400 golf course superintendents from the United States, Canada, Mexico and other foreign countries. We are firmly convinced that these men, because of their educational backgrounds, actual agronomic experience, and professional integrity, are extremely well-qualified to use the chemical tools which are vital to the growth and management of fine turf.

Three copies of the brochure, "New Frontiers: GCSAA Certification" are also enclosed. Information contained in this brochure stresses the importance our Association places upon professionalism. Please note that each certification applicant must successfully complete a comprehensive, 6-part examination (including a section on the history, selection, safety precautions and usage of contemporary plant protectant chemicals). In addition, each certified member shall be required to submit to periodic re-examination procedures in order to retain his certified status. This is in keeping with our recognition of the dynamism of the turf management profession.

The GCSAA stands ready to aid you or your staff in any way that will result in the protection and preservation of the nation's vitally important plant, water, and soil resources.

We are confident that policy decisions—and subsequent legislation—will be based upon ecologically sound and scientifically acceptable considerations of viewpoints and data submitted to your office.

Sincerely,
Paul M. Alexander, Ph.D.
Director of Education

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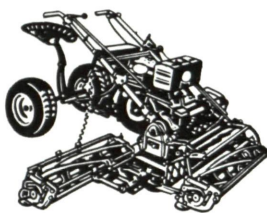
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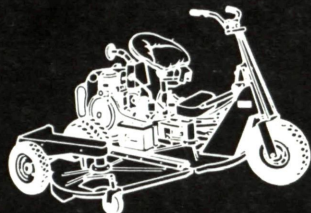
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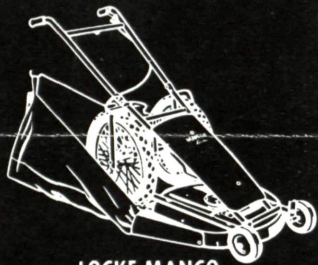
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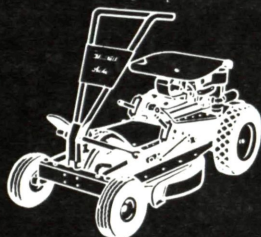
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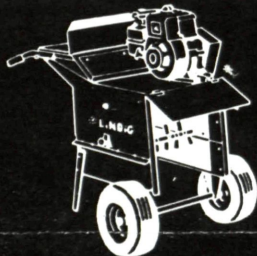
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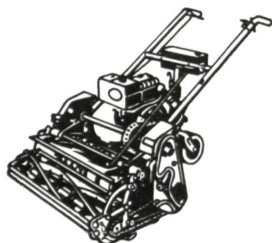
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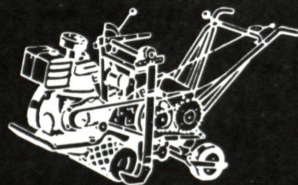
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New Regulations In New York

(Continued from page 3)

fessional qualifications of a golf course superintendent. Many leading researchers wrote letters defending chemicals and the right of a golf course superintendent to apply restricted chemicals with a permit on a prescription basis.

Dr. William Daniel wrote: "Turf areas under the care of professional turf managers who qualify for permits, may be treated with persistent type pesticides according to label, since their goal is long term turf care." He further wrote, "Within the state of New York there are over 700 golf courses. Many of these have college trained superintendents. Most all have already attended conferences. All can attend certifying schools and get the training to make environmental aims effective."

Dr. Paul Alexander, Director of Education, Golf Course Superintendents of America, wrote: "Golf course superintendents, because of their expertise, knowledge and clear-cut sense of agronomic responsibility, have been leaders in the development and the use of plant protectants covered in the list generated by your office. These same men are keenly aware of both the plant and mammalian toxicity characteristics of the chemicals they use: hence, the excellent safety record enjoyed in this profession."

Alexander M. Radko, Research Director of U. S. Golf Course Association, Greens Section, writes: "Golf course superintendents are professional grass growers, educated in turfgrass management. There are some who attended two-year courses at credited universities, some who have four year degrees and some who have completed graduate study. These men are not only schooled, but are experienced in the handling of pesticides. Additionally, they have access to the experience of researchers when in doubt about safety and uses. Superintendents also attend monthly meetings to discuss mutual problems, attend field days and have personal contact with university research and extension men as well as with the research people from industry. No group is more aware of the hazards involved in the indiscriminate use of pesticides."

We sent to Henry L. Diamond, New York Commissioner of Environmental Conservation, data from the U. S. Golf Association, Green Section, from the 1940 issue of **Timely Turf Topics** showing tests where liberal quantities of arsenate of lead were applied to the turf, killing webworms and earthworms. The birds did not eat or carry to their young any of the treated insects. The birds left the treated areas and found a plentiful supply of insects in nearby untreated areas.

I sent an article to Commissioner Diamond, summarizing the medical uses of arsenicals for treatment of sleeping sickness, nutritional disturbances, malaria, diabetes and the gauntlet of hematologic abnormalities.

Phenyl arsenic acid is being fed to chickens, turkeys, swine, rats and calves as dietary supplements at concentrations of .005% to .01% of food.

Arsenicals are not accumulative beyond the biological amount naturally found in the human body. Most species excrete arsenical dosages in the urine during the first 24 to 48 hours. Many animals can withstand extremely high dosages. The health and vigor improves with light dosages of continued feeding.

Single heavy application of arsenicals can kill animals just as heavy applications of aspirin have killed nearly one thousand people each year as reported by the National Safety Council. There has not been a single casualty to humans with continued usage of tri-calcium arsenate for *Poa annua* control for over 18 years.

I have attended many meetings in New York State explaining safe usage of tri-calcium arsenate to Environmental Conservation Pesticide regulatory personnel.

I keep a record of over 1000 golf course superintendent's soil conditions and tests which are regularly analyzed and also the salesman's calls are regularly tabulated. Tri-calcium arsenate is applied on a prescription basis on most leading golf courses in the nation.

We have explained that tri-calcium arsenate is part of a program for removing *Poa annua*. We have emphasized the importance of draining the low areas, correcting soil acidity, eliminating phosphorus in the fertilizer program, aeration, overseeding, varying arsenical rates according to existing conditions, emergency use of liquid P205 and maintaining control level of arsenicals.

Our educational program has brought results. Commissioner Henry Diamond wrote on September 3rd to Melvin Lucas, Jr. The Garden City Golf Club "Operators of golf courses will qualify as commercial users for the application of pesticides which may be used in management of golf courses."

It is necessary in New York State for a supplier to secure a commercial permit. He must estimate his total needs at the beginning of the year.

The golf course superintendent must apply for a **purchase permit**. Application blanks are available at regional environmental conservation pesticide inspectors and university extension offices.

There are three classifications of permits:

- A. — **Highly Toxic** — The superintendent must fill out a permit and submit to his regional office. There are fifty-five chemicals listed in this A class including Guthion, parathion and Paraquat. Only one application is submitted for substances listed in this group.
- B. — **Long Residual** — There are seven separate chemicals listed in this group. A separate application must be filed for each separate use of a substance. Arsenical rates per acre and total amount needed must be submitted. A separate permit must be secured for each use of chlordane. One grouping would be for Asiatic garden beetle, Japanese beetle and European Chafer. Another grouping would be ants and termites. Another grouping would be grubs and weevils in commercial sod.
- C. — **Not Permitted** — There are ten chemicals that no permit will be granted. These include Bandane, BHC, DDT, endrin, mercury compounds, toxaphene and others not specifically related to the turf industry.

The Department of Environmental Conservation has assured us that golf course superintendents will be granted a permit to apply tri-calcium arsenate on a prescription basis.

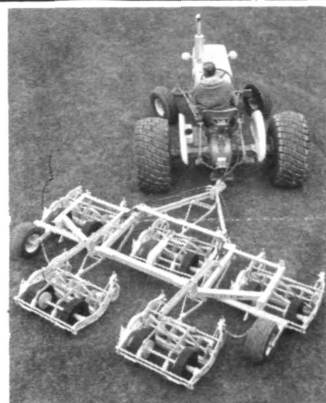
It is likely that all states will eventually follow the New York State's pattern of restriction of usage of

pesticides. It is imperative that golf course superintendents continue to prepare themselves for this day.

This should include attending short courses that would prepare them for any testing that their respective states may require. The certification standards that the Golf Course Superintendents of America are proposing will be an excellent foundation for continued usage of pesticides.

The intelligent, prescribed elimination of unsightly weeds, diseases and harmful insects by trained superintendents on golf courses creates a beautiful environment enabling our population to enjoy both nature and recreation.

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