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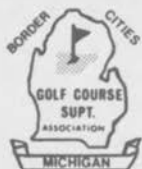
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The President's Message

The following thoughts of Craig Spottswood of the Mid-Atlantic Newsletter are copied here in my message to help me convey my feelings about the constant battle we hear and read about concerning our goals as Superintendents of our golf courses.

There is a small group of our membership that insists on calling themselves Greenkeepers and they want this title because they feel that their only responsibility to their club is to grow grass.

Read these comments, your opinions, and let's discuss them at one of our next meetings.

"A golf course superintendent is a true executive, more than just a functional official or administrator. Executives have traits or characteristics which are important to the success of any golf course operation. As executives, we should develop methods to advance the performance of the work we supervise. Unless improvement is a current part of our daily activities, our own future is probably in danger. We must rely upon our own self development to avoid becoming slaves to our growing responsibilities. Since our jobs have become more advanced in technology each year, we should make every effort to attend seminars and conferences to keep



abreast of changes within our industry"

"As executives, we are confronted with a variety of problems. To them we apply ingenuity, training, education, and experience. Decisions are made, action is taken, and a degree of accomplishment results. We should then compare these results with the goals originally aimed for, to measure our quality of performance as a superintendent and manager of operations, equipment, and manpower. Self evaluation is not as easy as it sounds - but necessary for a progressive superintendent, or any executive."

"A superintendent possesses all-around or balanced skills, sort of semi-professional plumber, electrician, carpenter, construction engineer, horticulturalist, arborist, landscaper, plant pathologist, mechanic, agronomist, etc., none of which are beneficial to the development of your management skills, or title as superintendent. To be a jack-of-all-trades is typical of any efficient golf course superintendent; being a functional, effective supervisor requires "tools" that are not as tangible as are needed in the aforementioned trades."

"To be more specific, the basic fundamentals that we apply at our country club - such as defining objectives, planning for their completion, organizing operations, motivating personnel, writing reports, preparing speeches, and evaluating your results, are all management skills. These skills are not inherited, but must be developed. We need to practice the use of these management skills as we would the use of any equipment."

Think about these comments.

Your President,
Ted Woehrle

FALL GOLF DAY
SEPTEMBER 17, 1973
BAY POINTE GOLF CLUB

MBCGCSA Meeting Highlites

We have enjoyed a very busy schedule of meetings these past two months and I would like to take this opportunity to thank all the people that have donated their time and facilities so we could hold our meetings. Your efforts are deeply appreciated by the entire membership.

April 17th found us at the Essex Golf Club in Windsor, Ontario.

Dr. Roy Mecklenburg of MSU spoke to us about planning, planting, and maintaining our gardens. We enjoyed the golf at Essex this year because of the dry and warm weather.

Host Superintendent, Dave Moote, had the course in excellent condition for the time of year.

Dave announced to us that evening that he had just assumed the position of General Manager that very day. Good Luck - Dave.

On Tuesday, May 1, we held a meeting at the beautiful Lochmoor Golf Club. Thomas Brennan was our host Superintendent.

Once again the weather was delightful. A large turnout attended to sample the fine food and hospitality that Lochmoor is so famous for.

Continued on next Page



Speaker at our April 17th meeting held at the Essex Golf Club, Windsor, Ontario, Dr. Roy Mecklenburg, of the Department of Horticulture, Michigan State University.



Our host, David Moote, General Manager, Essex Golf Club.

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A NEW insecticide for control of turf, lawn, and ornamental insect pests has been introduced by TUCO, Division of The Upjohn Company.

The new insecticide, Proxol 80 SP, is a water-soluble powder designed for use on golf courses and other large fine turf grass areas, lawns, and ornamentals. It is effective against sod webworms, cutworms, and chinch bugs in fine turf and controls numerous insects affecting ornamentals. It also provides control of those insects resistant to chlorinated hydrocarbons.

TUCO researchers report that Proxol is one of the fastest-acting turf

and ornamental insecticides on the market, as it kills insects either on contact or injection into the stomach. Sod webworms and cutworms are killed within 48 hours of application. The insecticide can be used alone or in conjunction with disease control programs employing TUCO's Acti-dione fungicides.

Proxol breaks down rapidly and does not accumulate in the environment. It has little effect on beneficial insects when applied according to directions. The insecticide is available from TUCO distributors throughout the United States.

Meetings Cont.

Our guest speaker for the educational program was Mr. Gerald Montgomery. His timely subject was on



Host Superintendent of the May 1st meeting, Thomas Brennan, left, of Lochmoor Golf Club and his Greens Chairman.



Don Ross, host Superintendent of the May 22nd meeting at Highland Meadows, Sylvania, Ohio.

OSHA (Occupational Safety and Health Act). Many of his comments were most enlightening. We will have a short rundown on OSHA this fall.

On a rainy, dismal day later in the month, we held our next meeting on May 22, at the Highland Meadow Golf Club, Sylvania, Ohio.

Host, Don Ross, was not discouraged because he was still able to give us a dry place and I might add a very cozy place to hold our meeting. Gosh, if these Clubs keep feeding us these gourmet foods, we will all need to diet.

Our guest speaker that evening was Mr. Dale Kern, from Seed Technology, Inc. of Marysville, Ohio. He spoke about the quality of seed and its label or tag. He gave us some hints about buying seed and how important the tag is. It is just like buying wine.

Once again, I would like to thank the officials of these fine Clubs for allowing us the privilege of sharing their facilities. Thanks again.



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GCSAA History

by G. M. MURPHY, CGCS Historian, 1972-73

In April, 1923, a group of greenkeepers, through the efforts of the late Fred Burkhardt, formed the Cleveland Greenkeepers Association (CGA) in order to discuss common problems. This group's success prompted its members to consider forming a national organization for greenkeepers in the United States and Canada.

The then President of the Cleveland group, Colonel John Morley, was chosen to survey metropolitan districts in the United States to find out if there was widespread interest in a national organization. Many greenkeepers responded favorably and over 24 attended an organizational meeting on September 13, 1926, at the Sylvania Golf Course, Toledo, Ohio. The purpose was to form the National Association of Greenkeepers of America. At the meeting, Morley presented a prospectus of aims and purposes for the new national organization. He pointed out the importance of having an organization national in character, and recommended electing officers from different areas of the country. Morley stated: "In no sense of the word can an Association of greenkeepers be classified as a labor organization, for the greenkeeper would be out of place in one. Greenkeeping is a profession rightly known among the Arts and Sciences...We desire cooperation with one another, to give and receive advice whenever desired, and we believe that in time we will be in a position to give the golfing fraternity all the assistance it needs."

Morley proposed a national publication (later named "The National

Greenkeeper") encompassing all facets of greenkeeping. Articles would be written to greenkeepers relating their methods and experiences and by others who could contribute information on the subject. This publication would present trade advertising and be supported, in part, from the revenue.

Morley's prospectus was accepted by those present, and a nominating committee then presented recommendations for the new Association's officers and executive committee. These recommendations also were accepted. Morley was elected president and subsequently served six terms from 1926 to 1932. He spent much of his time traveling about the country soliciting members and promoting the association.

A number of manufacturers and suppliers of golf course equipment visited this first meeting and were unanimous in offering their support to the organization and its new magazine, "The National Greenkeeper".

From this small and simple beginning, grew an Association with more than 5,800 members in 88 chapters in the United States and Canada.

The first official Annual Meeting of the National Greenkeepers Association of America was held March 21-26, 1927, at the Sherman Hotel in Chicago. The officers and executive committee elected the previous year conducted this first meeting. These pioneers thought that the Association's growth should not mushroom, but rather should follow lines that would establish a firm foundation for future professional growth and healthy

Continued on Page 10

GCSAA Merit Award

Each year, the GCSAA Executive Committee will consider nominations for the GCSAA Special Merit Award at its Fall Meeting.

To be accepted for the Special Merit Award, a nominee must meet the following qualifications:

1. Must have made an outstanding contribution to the advancement of the Golf Course Superintendency.

2. The outstanding contribution may be, or have been, regional in nature as long as it can be judged to have significantly advanced the profession nationally or internationally.

3. The nominee must not have been a recipient of this award during the preceding ten (10) years.

An individual(s) may be nominated by: A Chapter of GCSAA, and individual Class A or B member of this Association, the Association Planning Committee, or the Executive Committee.

This is an exceptional opportunity for you to participate in honoring a fellow Superintendent or others who have contributed significantly to the profession.

Very serious consideration will be given each nominee by your Executive Committee. You are encouraged to provide them with a comprehensive package of supportive data.

Please submit your nominations to this office by September 15, 1973. We will collect all nominations received at that time and forward them to the Chairman of the Public Relations and Awards Committee.

Check Railroad Ties Closely

From the Michigan Department of Natural Resources comes the warning to look closely at railroad ties being produced for landscaping purposes. Because of their recent popularity, substitute products have been introduced. These are dip-treated timbers with a superficial coating of wood preservative; many have been treated in the "green state", which inhibits the penetration of the preservative, and in contact with the ground, the timbers do not last. Railroad ties are pressure-treated with a wood preservative and will last from 15-20 years in contact with the ground. Dip-treated timbers, depending on species and treatment used, will have a useful life of 3-5 years. A reliable dealer should be able to distinguish pressure-treated from dip-treated wood.

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GCSAA History Cont.

Association development.

A golf equipment show was held in conjunction with the first Annual Meeting. This show has grown from a small display in 1927, to 20,000 square feet in 1966, and to 38,000 square feet of exhibit space in 1972 as part of the International Turf Conference and Show.

On May 21, 1928, the Association received its articles of incorporation (Charter) from the State of Delaware. Article 3a of this Charter concisely states the general purposes for which the Corporation was formed:

To advance the art and science of greenkeeping; to cement the greenkeepers of the United States and Canada into a closer relationship with each other; to collect and disseminate practical knowledge of the problems of greenkeeping with a view of more efficient and economical maintenance of golf courses; to provide direct financial benefits to greenkeepers who are disabled or their families and to the families of greenkeepers who die.

In spite of the fine beginning toward the realization of John Morley's objectives, the new Association was not destined for rapid, uninterrupted progress. "The National Greenkeeper" ceased publication during the bank collapses of 1933. The National Association of Greenkeepers also became a financial victim of the bank closings when the Guardian Trust Company of Cleveland closed its doors.

However, members refused to allow the Association to collapse. Several local and district greenkeeping groups offered loans to enable the national organization to continue operation. The support of these groups strengthened the bond between the local and national organizations.

Recovery from the financial blow was slow. The budget was limited and recruiting new members was not easy. With the Magazine, "The National

Greenkeeper", no longer in existence, the Association decided to issue a new publication called "The Greenkeeper's Reporter".

In 1938, the National Association of Greenkeepers changed its name to the Greenkeeping Superintendents Association. Improved financial conditions shortly before World War II brought increased membership. But, again, national and world events stopped the Association's development. National meetings were suspended during the war. Harold Stodola, Association president from 1941 to 1945, held the Association together and carried on its business by corresponding with local and district chapters throughout the United States.

Following the war, golf courses reopened and the Association's membership began to increase. John Morley had stressed the national character of the Association, with no favoritism to any one locality. One result was and has been, the Annual Meeting, with its accompanying golf equipment show, the National Turf Conference and Show, held in a different location each year.

This conference attempts to cover the interests of greenkeeping superintendents in all parts of the country. In recent years, the Conference has been held in Miami Beach, Florida (1969), Houston, Texas (1970), Denver, Colorado (1971), Cincinnati, Ohio (1972), and Boston, Massachusetts (1973).

In 1949, the name "Greenkeeping Superintendents Association" was changed to The National Greenkeeping Superintendents Association. The name was changed again in 1951, to its present title, The Golf Course Superintendents Association of America (GCSAA). The name of the Association's publication also was changed that year to "The Golf Course Reporter".

One notable accomplishment of the

Continued on Page 13

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GCSAA History Cont.

Association was the establishment of a Scholarship and Research Fund in 1956. Its purpose was to help finance the education of young men interested in turf maintenance and who demonstrate financial need. This program is funded by the National Golf Fund, interested businesses, and GCSAA chapters' and members' gifts. Contributions to the fund enabled the executive committee in 1966 to distribute scholarships totaling \$18,000.00 to 16 universities. Contributions to the fund in 1970 totaled \$25,882.00, and in 1972, totaled \$36,620.00.

A GCSAA Newsletter was first distributed to members in 1962. This quarterly publication explains current Association business and necessary information concerning annual Association events.

The name of the Association's magazine was changed in 1966 from

"The Golf Course Reporter" to "The Golf Superintendent". This was done to more accurately identify the organization behind the publication and to depict the organization's activity. Many superintendents expressed a preference for articles on practical golf course management rather than the research and technical information that had predominated in the magazine. A balance between practical and theoretical information has been the magazine's goal since that time. The magazine's black-and-white cover also was changed to a four-color design at that time.

On November 3, 1967, that year's September-October cover of "The Golf Superintendent" won the "Best in Class" award from among 72 entries in the first photographic competition sponsored by the Industrial Editors Association of Chicago. The award-winning cover shows a close-up

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GCSAA History Cont.

of a golf ball on a dew-covered green at sunrise.

The Association's original intention of facilitating a free exchange of information between greenkeeping superintendents from different parts of the country have been largely fulfilled by its publications and the annual Turf Conference and Show. However, in 1969, two events increased the intercourse between people interested in turfgrass management.

First, in 1969, the Association's executive committee began the GCSAA Speaker Program. In this program a local GCSAA chapter may request from National Headquarters, someone to speak on a specified topic. The speaker's expenses are paid by GCSAA, and the chapter's only obligation is to get the largest possible audience for the lecture. The program grew rapidly and by April, 1972, the

Association had provided 40 speakers to address regular or joint chapter meetings. It is conservatively estimated that more than 4,500 superintendents and their guests have attended the programs and heard the talks presented by the Association's speakers bureau.

Second, in November, 1969, the first meeting of the "Allied Associations in Golf" was held in New York City. The associations participating were the: GCSAA, Professional Golfers of America, Club Managers Association, United States Golf Association, National Golf Foundation, National Club Association and the National Association of Club Athletic Directors. This first meeting established the agenda for a second meeting, held in Chicago in May, 1970. The group agreed upon a more free exchange of information, an interchange of speakers, and granted permission to

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GCSAA History Cont.

freely reprint materials from each other's magazines, all of which results in a wider distribution of information to all of the associations' members.

It was also at this time that the National Headquarters began collecting materials for a GCSAA Historical Library. Members were asked in the Newsletter to donate books, periodicals, USGA bulletins, Experiment Station bulletins, and any other writing that should be preserved. Future members will find the Association's history and tradition in the Library, as well as a comprehensive body of knowledge about golf course maintenance.

As knowledge about turfgrass management grew, and the skills and responsibilities of the superintendent became greater, the professional greenkeeper's status deserved increased recognition. In December, 1969, a nine-member committee met in Chicago to formulate a Certification Program for superintendents. This program offers an examination to any superintendent currently in charge of golf course maintenance. Passing the examination qualifies the applicant as a Certified Golf Course Superintendent (CGCS). Re-examination is required after five years, and within that time the superintendent must attend either a Regional Workshop or successfully complete a GCSAA approved turf

management correspondence course. The program was adopted in late fall of 1970.

The Certification Program indicates the superintendent's professional status, and provides a measuring stick for professional knowledge and competence and a goal for achievement. It also will stimulate the entry of qualified people into the profession and present reasons and opportunity

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GCSAA History Cont.

for self-education and growth,

To further aid superintendents in receiving current, accurate information, the Association created the position of Director of Education in 1970. This position is especially useful in emphasizing the importance of turfgrass in man's relationship to his environment.

The Association will be more active than ever in the years to come as planning for a healthy and productive environment becomes of major importance and requires greater knowledge and forethought.

It is significant to note that in 1964, three million acres of land were removed from possible food production and used instead for "development". Approximately one-third of this land was put under concrete highways. And the trend continues! As more land is "developed" less is left to sustain oxygen producing plants. It is im-

portant to note that a 50' by 50' plot of turfgrass provides the oxygen required daily by a family of four. Turfgrass also muffles many undesirable urban noises and reduces the ground surface temperature by up to twenty degrees when compared with pavement or artificial turf.

During the summer of 1973, the Association will be moving into its own headquarters building in the Kansas City area. The executive committee surveyed more than 130 cities before selecting this location. This move is an exciting step in the Association's continued growth and achievement.

The history of the Golf Course Superintendents Association has been marked by the sincerity and enthusiasm of its officers and members. The Association's foundation was built on love and respect of fellow man and personal satisfaction that comes from

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GCSAA History Cont.

providing enjoyment to others through the game of golf, as well as working with nature to provide beauty and utility. This is a glowing tribute to founders and supporters of GCSAA, the leading organization of those concerned with the profession of turfgrass management.

Respectfully submitted,
G. M. Murphy, CGCS
Historian 1972-73

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by GREGORY PATCHAN
Oakland County Horticultural Agent

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3. Combine Benlate with Methoxychlor during spring sprays before beetles begin to feed.
4. There is a 60% chance of curing trees with Dutch elm disease if they show 5% or less infection in the crown. There is less than 50% chance of a cure if crown shows 5% - 10% infection. No chance of cure if root graft or more than 10% infection.

RATE OF APPLICATION:

8 lbs. 50% w.p./100 gallons as a foliar spray, 2 - 3 gallons of formulation per tree.

Injection method:

2 lbs./100 gallons - injectors at 2-inch intervals and left in place 24 - 48 hours.

Rebellion against your handicaps gets you nowhere. Self-pity gets you nowhere. One must have the adventurous daring to accept oneself as a bundle of possibilities and undertake the most interesting game in the world - making the most of one's best.

NO! NO! NO!

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Calibration of Field Crop Application Equipment

by GREGORY PATCHAN
Oakland County Horticultural Agent

- To convert pounds active pesticide to formulation $\frac{1}{2}$
 - powdered formulations; lb. of formulation needed $\frac{100R}{P}$
 - liquid formulations; pints formulation needed $\frac{8R}{P}$
where R is the pounds of active pesticide and P is the percent active in powdered formulations or pounds active per gallon in liquid formulations.
- To determine amount of pesticide mixture applied per acre:
 - granular or dust pesticides per acre; lb. of granules or dust per acre $\frac{2723 A}{A_N}$
 - gallons of spray per acre $\frac{LW}{A_N}$
- To determine the amount of pesticide to be used in a concentrate sprayer; amount to be used = RC; where R is the recommended amount to be used as a dilute spray, and C is the concentrate factor of the equipment.
- To determine the amount of pesticide to be added to a known amount of spray water; amount of pesticide =
where R is the amount of pesticide to be used per acre or specified number of gallons, S is the desired amount of water (in gallons) per acre or the specified number of gallons, and V is the amount of water (in gallons) that will be used.
where R is the recommended amount of pesticide, S is the standard row width specified, and V is the row width that will be used.

A man is about as big as the things
that make him angry. Winston Churchill

Yazoo YR-60

...as tough as it is big!



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