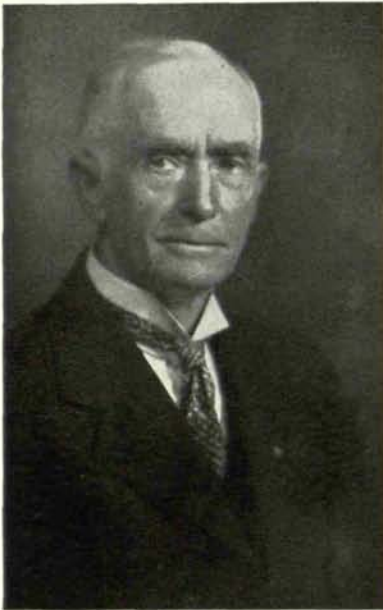


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# The NATIONAL GREENKEEPER

*The Leading Journal of the World on Turf Culture and Golf Course Maintenance*

Official Organ of The  
National Association  
of Greenkeepers of  
America



COL. JOHN MORLEY

## THE STAGE IS ALL SET FOR COLUMBUS

By COLONEL JOHN MORLEY, *President*  
*The National Association of Greenkeepers of America*

ON February 3-6, the city of Columbus, the capital of the Commonwealth of the State of Ohio, will throw wide open the famous doors of hospitality for the greenkeepers and golf club officials and all others interested in the production of fine turf and in golf course maintenance from all parts of the United States and the Dominion of Canada.

The stage is all set and practically all arrangements are complete to give to the golfing world the largest and best Golf Show, Conference and Convention ever held. Never in the history of golf has there been a greater array of talent and support. Under the supervision of Jos. Williamson, greenkeeper of Scioto Country Club, who is general chairman of the Entertainment committee, there will not be an idle moment. This large gathering of turf experts is sponsored by the National Association of Greenkeepers of America.

The world at large knows only from outward expression what goes on within. A large gathering of greenkeepers at our Annual meeting, Conference and Golf Show will be the outward expression of their interest in the National Association. Let us get together at Columbus meetings in such numbers that the attention of the whole world of golf will be directed our way. Every greenkeeper should attend, not only to add his support to this organi-

zation, but to acquaint himself with the various labor-saving devices which are being manufactured to assist him in his work.

This is the fifth year of the Greenkeepers' Golf Show and Educational Conference. The exhibits and demonstrations are large in number and great in interest to any man who has charge of golf maintenance. Raising good turf is not all that is demanded of the greenkeeper today. He must be a good business man and a good business man knows what there is on the market to increase efficiency in his particular line. There are several new pieces of equipment ready for inspection as well as fertilizers and many other supplies you should know about. Practically all leading manufacturers of golf course equipment and supplies are exhibiting this year and the Show room at the large Auditorium will be a lively and colorful scene. It will be like a large general store devoted to golf equipments which have been erected over night.

Greenkeepers everywhere profit by the practical



SYLVANIA GOLF CLUB, TOLEDO  
*Where the National Association of Greenkeepers  
of America was born in September, 1926*





GEORGE DAVIES  
Director of the N. A. G. A.

experience and scientific knowledge of the science of greenkeeping. We teach that no busy greenkeeper should object to devoting at least a little of his time to help along others who have fared less fortunately, particularly young men in need of the counsel of experience.

The year 1930 will go down in history as one of the worst so far as industrial depression is concerned. We have witnessed practically all civic and fraternal associations reporting large losses in membership and finance. We are happy to report that our association instead of showing a decrease in membership and finance shows an increase. Of course, in part, this is due to the fact that a number

of experienced greenkeepers who are eligible to membership in our association have begun to see the handwriting on the wall and have come to realize that it is to their interest to become a member of our fraternity.

They also realize, "that in union there is strength." They have observed that all around their territory golf club officials are fast sifting the chaff from the wheat. During the past



MRS. LAWRENCE HUBER  
Chairman, Women's Entertainment Committee

year we have lost a number of members who have not been keeping step with the times and we find that a number of them have gone into other lines of endeavor.

When golf first began to be played generally in this country the greenkeeper was the club's last worry—he cut the grass, raked the leaves and smoothed the bunkers. He was just a little above a common laborer, who was anathema to the member who lost his golf ball in a long rough. As the golfing clan grew players learned of fine old courses in the east and in Europe—courses kept in such fine condition there was no comparing those back home. Fairways were like lawns; putting greens were luxuriously smoother than the costliest of carpets.

Golfers began to kick about their own fairways and putting greens and the complaints made the greenkeeper hustle. He worked harder, patiently and put in arduous effort trying to give the members, his employers, something like what they wanted. The greenkeeper had to learn to seed, learn to cultivate, to fertilize, etc. Above all he had to produce a putting green. He began to read books and he talked to seedsmen and others. He began to learn something about his work; he had become a skilled laborer.



LAWRENCE HUBER  
Chairman, Reception Committee



ALFRED E. LUNDSTROM  
Chairman of the Committee on the National Greenkeeper



Then golf began to sweep the country in a wave of popularity never equalled by any other sport. New courses began to spring up everywhere, old courses were enlarged, improved and rebuilt. Where thousands of dollars had been spent before on golf courses now millions are devoted to the sport. As the money flowed out critics began getting in their deadly work and the critics were the members who wanted value for their money;—the greenkeeper hurried to keep up. He stumbled now and then, but he forged ahead. He experimented, tested, worked, read and discussed. The leading men in the club for which he worked became members of the Green committee. They worked with him. They began calling in soil experts, and fertilizer authorities. Golf clubs began to have their soils analyzed and they looked with new interest on their water supply.

#### GREENKEEPING IS NOW A PROFESSION

**T**HAT happened? Today the picture has changed again. The greenkeeper today is a personage of distinction. Within the past few years greenkeeping has become a highly technical profession. With the advent of our annual Golf show we have now reached a point where we encourage competition. For at the coming Golf show four officers of our association have been appointed, namely, John MacGregor, Chicago; Robert J. Hayes, New York; William Sansom, Toronto, Canada; and John Quail, Pittsburgh. These four men will each select a captain who will select his assistants to build a putting green. Material will be furnished for the four putting greens and the competition will take place at the Auditorium. These putting greens must be built for a 400-yard hole, with a par 4.

#### CLUBS WILL INSTALL WATERING SYSTEMS

**T**HE severe and long dry spell of the season of 1930 has induced a large number of up-to-date golf clubs



JOHN QUAIL  
Secretary, National  
Association of Green-  
keepers of America

to install this coming spring a watering system for their fairways. A number of them are at a loss to understand what kind of a system to use, especially along economical lines. It would pay officials of golf courses before they decide with their plans to visit the Golf show where they will be able to receive data that may be the means of saving considerable money and at the same time aid them to observe the up-to-date sprinklers which will be demonstrated at the Show.

Our Golf shows, under the able management of Fred A. Burkhardt and his committee have always been a success and they have been highly complimented. The coming Show will out-class all previous ones for "Fred," as he is usually called, has been able to take off some of the rough corners and it is his earnest desire to have the coming Show as near to perfection as possible. Mr. Burkhardt has been ably assisted in making these Golf shows a success by the executive assistance of Mr. Robert E. Power and Miss Marie J. Fox and he has had also the support of the leading manufacturers and merchants.



JOS. WILLIAMSON  
Chairman, Entertainment Com-  
mittee

Our association is indebted to Mr. G. V. Jones, passenger and ticket agent of the Baltimore and Ohio railroad, Cleveland, for his services in obtaining reduced railroad fares on all railroads entering the city of Columbus.

Nothing is more essential to the vitality of our profession than that greenkeepers in one part of our jurisdiction be kept familiar with what greenkeepers in every other part of the United States and Canada are doing for the upbuilding of our Association, yet by reason of the great distances which separate one from another, some medium of communication is necessary if the members of our Association are to be kept informed about what is going on around our vast territory. To provide such a medium and to keep our members informed month by month with what we stand for, is an estimable privilege no member can afford to be without.



FRED A. BURKHARDT  
Treasurer of the Association and  
Manager of the Annual Golf  
Show

The NATIONAL GREENKEEPER was



created at the birth of our association to make that privilege possible for you. Our magazine has no axe to grind, enters no controversies, only to protect the well being of our association and its policies. It represents no cliques. To serve the members of our fraternity to the top limit of its resources is its one and only purpose. It has been a great factor or instrument in helping to make our Golf shows and Conferences the success they have attained.

It has often been stated that good work brings forth good fruit. We are pleased to state that Mr. Robert E. Power, president and editor of the NATIONAL GREENKEEPER, as a Christmas greeting to the National Association of Greenkeepers of America has notified the officials of the Association that he will give to the Benevolent Fund the sum of two dollars for each member in good standing for the year 1931. This will increase the fund to about one thousand dollars.

The Benevolent Fund was founded for the purpose of aiding families of permanently disabled and needy members. This generous offer should stimulate the members to put their shoulders to the wheel and get after new members who have the qualifications as laid down in the constitution of our Association.

We are beginning a new year. So let us continue to pull together and endeavor to improve upon the success of former years, at the same time maintaining that dignity and sincerity of purpose which has always been ours.

The four days set apart, February 3-6 inclusive, will be gala days for all who attend. It will be the greatest gathering of men devoted entirely to golf maintenance that has ever been held. To observe and witness the warm, friendly hand-



W. J. SANSOM  
Director of the N. A. G. A.



ROBERT J. HAYES  
Director of the N. A. G. A.



LEWIS M. EVANS  
Director of the N. A. G. A.

claps and greetings when the members of our association begin to arrive—the friendships that were previously cemented at Toledo, Chicago, Detroit, Buffalo and Louisville will be renewed upon this occasion. For occasions like these are seldom soon forgotten. New acquaintances are formed and old ones renewed and friendships are made lasting and eternal.

The management of the Deshler-Wallick as well as Mr. George Trautman, Secretary of the Columbus Chamber of Commerce, are doing all in their power to make our visit enjoyable and profitable. The Central District Golf Association together with George Sargent and Joseph Williamson and others have outlined a program of entertainment which alone will pay you for the time and expense in attending our reunion. We have endeavored to give you during three days, Conferences with speakers of ability and who are nationally known. We have arranged the subjects as at the last session, so that we will have the practical as well as the scientific side of greenkeeping.

The program arranged for your benefit will start promptly Wednesday afternoon at two o'clock and after a few preliminary remarks from your president this meeting will be turned over to Mr. George M. McClure, Bureau of Soils of Ohio State University, who will preside over the meetings. The program containing the names of the speakers and their subjects will be found elsewhere in this publication.

#### EXHIBITORS' DINNER, MONDAY NIGHT

ON Monday night at 7:00 o'clock Mr. Fred A. Burkhardt and his committee will give a complimentary dinner to the man-





## Thousands of Dollars Invested in Greens ... A Few Dollars Will Save Them From Destruction by Deadly Brown Patch

A carpet of green velvet—a perfect putting surface—that is what makes players proud of their golf club. It takes time and money to get turf into such perfect condition.

Then comes the deadly Brown Patch and works havoc. A very small investment will save all this.

Barbak 211—the perfect disinfectant will keep your greens free from Brown Patch. Tests of treated and untreated areas prove that Brown Patch will travel over an untreated area and come to a dead stop on the line precisely where Barbak 211 has been used.

As a preventative, Barbak 211 protects against Brown Patch for a longer period than ordinary disinfectants. One well-known greenkeeper places this at 42 days. As a cure, it checks the fungus immediately and quickly brings back a normal stand of turf.

Barbak 211 may be applied in solution or dry, mixed with a top dressing, sand or fertilizer and watered in. Write for further facts.



AMERICAN CYANAMID SALES CO., INC.  
535 Fifth Avenue New York City

# Barbak

TWO • 211 • ELEVEN

## TURF DISINFECTANT

facturers and all exhibitors at the Deshler-Wallick. Tuesday night at 7:00 o'clock there will be a meeting of all District vice-presidents for the purpose of organizing new districts and to discuss ways and means to strengthen districts now organized. Tuesday at 8:30 p. m. there will be a meeting of the executive committee.

All members of general committees will meet at the call of the Chairmen. Wednesday at 7:30 p. m. the first session of the Convention will convene. At this meeting reports of the president, secretary and treasurer will be read, as well as the minutes of the last Convention and Executive committee meetings. Immediately after there will be a general discussion to consider the good and welfare of the Association. If any member feels that it will be impossible to attend the final session which will be held Friday morning at 10:00 o'clock and desires to bring before the Convention any item of interest he can do so at the first session.

Thursday and Friday Conferences will start promptly at 2:00 p. m. At the close of these two Conferences we will hold a Forum, in charge of Professor L. S. Dickinson. This Forum will consist of a Question Box. If there are any questions you would like to have answered or hear discussed write the question on a slip of paper without any signature and just place it in the Question Box at the Registration Desk. The Conferences will be held at the Auditorium. All other meetings at the Deshler-Wallick.

On Thursday evening at 7:00 p. m. sharp will be the Annual Banquet. You don't want to miss this for an excellent fine menu and entertainment are being provided for.

Friday night will be the Stag smoker and Midnight Show. We are not going to tell you what is in store for you, but I do know if you do not attend you will miss one of the greatest events which we have ever undertaken. Members Admitted free.

### LADIES WILL BE ENTERTAINED

WE are pleased to learn from Mrs. Varn Hagen, president of the Wives of National Greenkeepers that the membership of their association will come to Columbus in full force. The Entertainment committee at Columbus have special arrangements to entertain the ladies with luncheons, teas and theatre parties.

About one or two days before you leave for Columbus secure your railroad ticket, tell the agent



## Feed your fairways and greens instead of re-seeding them

Follow a regular program of fertilization that will make your turf vigorous, healthy and attractive.

Starved grass is unsightly. Seed that is broadcast upon poor land is largely wasted. There is one way to make the fairways and greens of a golf course durable and beautiful . . . make the soil fertile enough to push the natural spread of grass and support a healthy turf. You can do this by following a proper program of fertilization.

### For Greens

Apply Armour's Special Turf Fertilizer to your greens this spring. Broadcast 20 pounds per 1000 square feet before growth starts. Additional applications with your top dressing at the rate of 10 pounds to the 1000 square feet should be made during the growing season as needed.

### For Fairways

Give fairways 500 pounds to the acre of Armour's Special Turf Fertilizer in early spring before growth starts. And again in late summer or early fall, apply 200 pounds or more to the acre to stimulate root growth and strengthen the turf before freezing weather arrives.

### Late Applications

Late applications insure a supply of available nitrate nitrogen in the soil in early spring when it is too cold to produce its own nitrates, thus it materially increases the number of blades of grass, aids its spreading and gains from two to three weeks heavy growth.

Repeat this feeding program each year. You will develop a permanent turf that will go a long way toward eliminating weeds. You will have a permanent investment which will lessen the cost of future maintenance. Write for free booklet, "Solving The Turf Problem."

Twenty-one conveniently located plants insure prompt deliveries.



## Armour Fertilizer Works

General Offices

111 West Jackson Boulevard, Chicago, U.S.A.

that you are going to the National Greenkeepers' Convention and ask him for a certificate (not a receipt), so that you can obtain reduced rates when you are ready to return home.

When you arrive at the Deshler-Wallick go at once and register for your room. Tell the clerk that you are attending the Greenkeepers' Convention and inform him what price room you desire and if you want a friend to room with you also inform the clerk.

When you go to the Auditorium to view the Golf Show you will find a Registration desk, with Harry Burkhardt, Chairman in charge. Present to him your name and leave your half-fare certificate received from the railroad. You will be presented with a Badge. At another table you will find the secretary with John Quail in charge. At this desk if you so desire you can pay your 1931 dues, get application blanks and be sure to notify them if you desire a ticket for the Banquet.

We have arranged another desk exclusively for the Ladies and it will be in charge of Mrs. Varn Hagen and Miss Helen Webster. It is very important that all ladies who are our guests register so that Joseph Williamson, Chairman of the Entertainment committee can arrange and know how many ladies to prepare for.

I wish to reaffirm that I know of no greenkeeper who is not entitled to a vacation after the busy playing season is over or before the starting of another and there are few golf club officials who will not assist in every way to make it possible for their greenkeepers to spend a week at Columbus. If for financial or other reasons you feel that the trip is out of the question just give your Chairman this magazine to read and leave it to him. Without doubt he will find a way for you to be with us.

## A Message to the Ladies

To the Wives of the National Greenkeepers, I would say, "Be sure and come to Columbus, February 3-6."

A program has been arranged by the Ladies' committee at Columbus and we are looking forward to one good time, so don't let anything keep you from being there with us.

To those who have not already signed up, arrangements are being made to meet you at the desk at the Golf Show.

MRS. J. VARN HAGEN, *President.*  
MRS. H. E. SHAVE, *Vice President.*