

Golf Show and Annual Meeting

EVERYBODY knows there's going to be a Golf Show this month, the week of March 21-26, but in order to get a better idea of the supplies and equipment which will be arranged for the attention of visitors, here is a list of the exhibitors, which shows a decided increase over the number appearing at the first International Golf Show last year:

- AMERICAN FORK & HOE COMPANY, Geneva, Ohio
Sport Accessories; fishing tackle
- ATLAS BREWING COMPANY, Chicago
Soft Drinks for Golfers
- BECKLEY-RALSTON COMPANY, Chicago
Golf Equipment
- BLUE BOOK OF CHICAGO GOLFERS, Chicago
Blue Book of Chicago Golfers
- E. T. BROCKMAN CORPORATION, Chicago
Rugolf Green Game
- BUCKNER MANUFACTURING CO., Fresno, Calif.
Sprinklers and Irrigation Accessories
- R. H. BUHRKE CO., Chicago
Golf Bags, Clubs and Accessories
- BURKE GOLF COMPANY, Newark, Ohio
Golf Clubs, Bags and Accessories
- CENTRAL TRACTOR COMPANY, Greenwich, Ohio
Tractor—Lawn Mowing Attachment
- CHICAGO LANDSCAPE COMPANY, Chicago
Golf Course Architecture
- CHICAGO MDSE. & EQUIPMENT CO., Chicago
"Man O War" Golf Balls
- CHICAGO TRIBUNE, Chicago
Golf Features
- CLUB MANAGEMENT, Chicago
Club Management Magazine
- CLUBHOUSE AND FAIRWAY, Chicago
Clubhouse and Fairway Magazine
- COUNTRY CLUB MAGAZINE, Los Angeles, Calif.
Country Club Magazine
- CRAWFORD, McGREGOR & CANBY CO., Dayton, Ohio
Golf Equipment and Accessories
- DAILY NEWS, Chicago
Golf Department
- GEORGE A. DAVIS, INC., Chicago
Golf-Country Club Equipment, Seeds
- T. H. DECKER, Highland Park, Ill.
Decker's Putting Recorder
- DETROIT HARVESTER COMPANY, Detroit, Mich.
Detroit Mowers, Fordson, Golf Wheels
- THE ALBERT DICKINSON CO., Chicago
Grass Seeds
- EMERSON HOUSE, Chicago
Beneficiary of Advance Ticket Sales
- E. I. DU PONT DE NEMOURS CO., Wilmington, Del.
Semesan, etc.
- FATE-ROOT-HEATH CO., Plymouth, Ohio
Lawn Mower Grinders
- FLOSSMOOR NURSERIES, INC., Chicago
Grasses for Putting Greens
- FRASER'S PUBLISHING CO., New York, N. Y.
International Golf Year Book
- F. & N. LAWN MOWER CO., Richmond, Ind.
Power Lawn Mower
- FRIGIDAIRE CORPORATION, Dayton, Ohio
Refrigeration
- GOLFERS MAGAZINE CO., Chicago
Golfers Magazine
- GOODYEAR TIRE & RUBBER CO., INC., Akron, Ohio
Golf Balls and Accessories
- GREAT LAKES GOLF CORP., Milwaukee, Wis.
Golf Clubs and Equipment
- GREATER CHICAGO MAGAZINE, Chicago
Publication
- WALTER HAGEN GOLF PRODUCTS, INC., Detroit, Mich.
Golf Products and Accessories
- HILL-STANDARD COMPANY, Anderson, Ind.
Playground Equipment
- IDEAL POWER LAWN MOWER CO., Chicago
Power Lawn Mowers
- ILLINOIS JUNIOR GOLF ASSOCIATION, Chicago
Putting Contests
- ILLINOIS PROFESSIONAL GOLF ASSN., Chicago
Pro Headquarters
- JACOBSEN MANUFACTURING CO., Racine, Wis.
Power Lawn Mowers
- J. OLIVER JOHNSON, INC., Chicago
C. C. Equipment, Golf Accessories, Seeds
- G. B. LEWIS COMPANY, Watertown, Wis.
Golf Ball Washers
- HENRY C. LYTTON & SONS (THE HUB), Chicago
Golf and Sporting Goods
- MASTERS PLANTER COMPANY, Chicago
Golf Club Equipment
- MICHIGAN WIRE GOODS CO., Niles, Mich.
Androck Lawn Chairs
- MILWAUKEE SEWERAGE COM'N., Milwaukee, Wis.
"Milorganite" Turf Fertilizer
- NATL. ASSO. OF GREENKEEPERS OF AMERICA, Cleveland, Convention Headquarters
- NATIONAL PHOTOGRAPH & ADV. CO., Chicago
Photography and Advertising
- L. R. NELSON MFG. CO., INC., Peoria, Ill.
Golf Sprinklers
- NORTH BRITISH RUBBER CO., LTD., Toronto, Ont.
Golf Balls, Clubs and Accessories
- NOVAK CLUB, INC., San Francisco, Calif.
Novak All-In-One Club
- PAR GOLF GROUP, Chicago
Golf Magazines
- PENNA. LAWN MOWER WORKS, Philadelphia, Pa.
Golf Club Power Equipment
- PREMIER POULTRY MANURE CO., Chicago
Fertilizer
- PROFESSIONAL GOLFERS' CORP., New York City
Pro Headquarters
- READE MFG. CO., Jersey City, N. J.
Chemicals
- ROSEMAN TRACTOR MOWER CO., Evanston, Ill.
Tractors and Mowers
- ROYAL METAL MFG. CO., Chicago
Golf and Country Club Equipment
- ST. MUNGO MFG. CO., Newark, N. J.
Golf Balls
- SANI-TREAD COMPANY, Buffalo, N. Y.
Paper Bath Slippers
- O. M. SCOTT & SONS CO., Marysville, Ohio
Golf Course Seed
- A. G. SPALDING & BROS., N. Y. C.-Chicago
Golf and Sporting Goods Accessories
- SPORTING GOODS JOURNAL, Chicago
Trade Publication
- E. G. STAUDE MAK-A-TRACTOR CO., St. Paul, Minn.
Staude Tractors and Hitches
- STUTZ CHICAGO FACTORY BRANCH, INC., Chicago
Stutz Automobiles
- TORO MANUFACTURING CO., Minneapolis, Minn.
Golf Course Equipment
- JOHN H. VESTAL CO., Chicago
Standardized Printing for Golf
- WARNER'S RESORT, Plum Lake, Sayner P. O. Wis.
Golf Course and Fishing
- WESTERN GOLFER, Kansas City, Mo.
Golf Magazine
- WILSON-WESTERN SPORTING GOODS CO., Chicago
Golf and Sports Equipment
- WORTHINGTON MOWER CO., Stroudsburg, Pa.
Tractors and Mowers

Promoting and carrying on an annual exhibition such as this is only another indication of the importance the game of golf holds in the world of today. Played by the

great and the near-great, the millionaire and the small salaried clerk, the low score man and the dub, alike they find in this wonderful open-air sport what every human being seeks, healthful exercise and pleasurable association.

If it were not for the skill of expert greenkeepers, how many golf courses in the United States and Canada, or even in the world, could be played in Par by the most skillful golfer? We'll let any fair minded devotee of the game figure that out for himself.

The average golfer gives little thought to the finely detailed knowledge and care necessary to make of his course "a thing of beauty and a joy forever," but if he will look in on the International Golf Show at the Hotel Sherman, Chicago, during Golf Show week, it is quite likely that he will find the greenkeeper of his club actively engaged in conversation with exhibitors of golf course equipment, eager to know all about the mechanics of the various tractors, mowers, rollers and other labor saving machinery that is offered to improve golf maintenance conditions.

THE FIRST ANNUAL MEETING

ON March 26, the final day of the Golf Show, starting at 10 A.M. in the Louis XVI Room of the Hotel Sherman, the most important meeting of greenkeepers which has ever answered to a roll call will be held, its purpose to make permanent and secure The National Association of Greenkeepers of America.

There'll be some men from Kankekee, and some from Oregon,

And we've had word Los Angeles will know what's going on;

*From Plymouth Rock to Florida, from Maine to Ioway,
The greenkeepers are mustered to Chicago, Meeting Day!*

From Northern Canada to the Florida coast, and from Cape Cod to California, greenkeepers will meet who would otherwise never know one another.

It takes a big interest to call out delegates from all quarters of this big country, every one with the desire to build a foundation under this new association which will support the profession of greenkeeping through the ages to come.

It is safe to say that no national movement in the golf world has received any more enthusiastic acclamation than the organization of the greenkeeping profession. In keeping with the recognized need and importance of such a national association, its official organ, The National Greenkeeper, has found a most encouraging reception among greenkeepers and manufacturers alike.

Through the pages of this magazine, the voices of greenkeepers are heard, and from contributions of well established greenkeepers the younger generation entering the profession will absorb the principles and fundamentals of what goes to make good golf greens.

Freely, and in many cases without being asked, greenkeepers are sending in detailed information as to the methods they use. It is evident to all who read this magazine what purpose lies behind it.

Thank You, Brother Greenkeeper!

Greater knowledge makes better greenkeepers, and those who know give of their knowledge with both hands. To the several good and substantial citizens, greenkeepers who have told their stories with the unselfish desire to see others in the profession benefit therefrom, the Editor of The National Greenkeeper wishes to express heartiest appreciation. In all walks of life, to be understood and fairly appreciated is one of the strongest desires of human beings.

It may be because the greenkeeper's daily work brings him in close touch with the work of God, that he is usually found to be fair in his dealings and justly kind to his fellow man. And it may be that a large body of such men, organized to give of themselves for the benefit of others, to help rather than criticize, and to build rather than destroy, will form The National Association of Greenkeepers of America into a structure that will stand in beauty for all the Golf World to admire and respect.

GOLF CLUB OFFICIALS!

If You Are Looking For
AN EXPERT GREENKEEPER

Address Headquarters, Giving Full Particulars

The National Association of Greenkeepers of America
407 Caxton Building, Cleveland, Ohio

I Got My Start In Golf Course Construction

By HENRY A. MILLER

Greenkeeper, Barrington Hills Country Club,
Barrington, Illinois

FOR some time prior to taking a position as greenkeeper at the Barrington Hills Country Club, I was engaged in construction work on golf courses under the supervision of Mr. George O'Neil, golf course architect, and also under the direction of Mr. Joe Roseman.

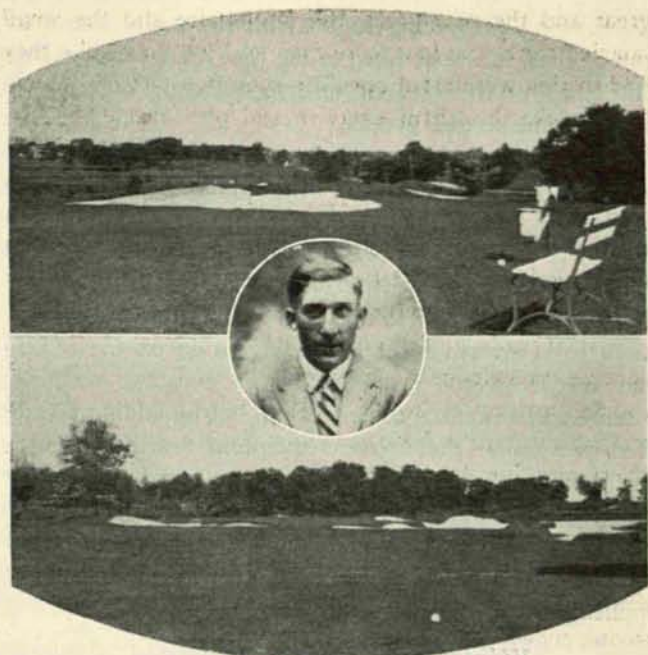
When my chance to become a greenkeeper came to me, I was fortunate in getting a connection with Barrington Hills, and right here I want to say that never since I took up the work for them, has my club failed to keep me supplied with proper equipment and maintenance material with which to give the members a good course to play over.

The lay-out of Barrington Hills is quite elaborate, and gives a greenkeeper a particularly good opportunity to make a showing in his maintenance work. No greenkeeper could fail to do his best on my course because of the kindly and helpful attitude taken by the club officials. If more golf clubs followed out this policy, there would be fewer changes in greenkeepers.

We haven't the best soil in the country, and neither is it the poorest. We never have soggy spots on the course to speak of, as it drains well after heavy rains, as it is nearly all rolling ground. The soil is clay mostly, with here and there some gravel, which had to be heavily covered with top soil when the course was constructed, in order to form a seed bed which would grow grass without its burning out every summer. This clay soil makes fine turf when once established, which will stand a lot of wear and tear. We have some fine fairways now, which are in good condition because of top dressing and fertilizer applied as often as necessary to keep the growth healthy. It takes several years to establish a good fairway, and we find that a mixture of redtop and blue grass does well in this soil.

Drainage Most Important Factor

Any golf course that is not well drained suffers the consequences in wet weather, in heavy rains, and in winter killing of the turf. Drainage is the most important point to consider in constructing a course, and the way our drainage problems were solved will probably be of interest to other greenkeepers. One of the finest ideas that has come to my notice is that of placing catch basins in low spots and ravines that are connected into the main tile and carried off into the lake. These catch basins carry



Two views showing well trapped Greens at Barrington Hills. Center, Henry A. Miller, Greenkeeper

the water off quickly, so that the water does not wash and tear away the surface. They also take care of the surface water that accumulates during heavy rains, and the thawing of the snow in the spring.

Sod Dams and Catch Basins

Another protection we have is sod dams built up very steep swales. These dams are built like a bank off to one side out of the way of play as much as possible, and they are built in such a way that they are easily mowed. These dams save us a lot of washouts, and combined with the catch basins, which have 15-inch openings to the main 15-inch line, give us the best protection possible from accumulated or rapidly moving surface water.

Around the catch basins we have wire screen, two feet high, of half inch mesh, so that leaves and other debris cannot clog the tile. If golf balls hit the wire they glance off, so there is no serious interference with play. We clean away the accumulation of leaves and dirt whenever necessary. Our course being naturally very hilly, it is difficult enough to grow grass and hold it on the hills, without washing to some extent, so without such a system of dams and catch basins, there would be a much higher maintenance expense.

I have had more experience on seeded greens than on those planted by the vegetative method, although we have both. I do not think anyone knows exactly what vegetative bent greens will be like after several years growth, as practically all greenkeepers of experience know more about seeded than vegetative greens, but my experience so far shows that they need a lot of attention in order to maintain a good putting surface. If constant attention is not given them, they make rank growth and a rough surface, grainy and generally unsatisfactory.

Considering everything to do with the maintenance of golf greens, it would seem to me that there is very little difference in the cost of upkeep between vegetatively planted and seeded greens.

Our seeded greens are of redtop and fescue, and on account of the habits of growth of fescue, there is considerable difference between our methods as relating to vegetative bent and seeded greens. Our bent greens have to be brushed up every so often and cut close all the time in order for the grass to make an upright growth, whereas there is always some re-seeding to do on the redtop and fescue greens every year and constant weeding. Fescue will not stand close cutting, but by adding a little seed every year these greens maintain a thick and uniform turf. One very great advantage of vegetative greens is that the grass crowds out practically all weed growth. These greens do not show as quick results from fertilization as fescue and redtop, but will stand stronger applications.

Winter Kill Can Be Prevented

With properly constructed greens, contoured for perfect surface drainage, and well tile drained, we do not suffer from winter kill. If a fairway or green is rushed in construction, and pockets are left on the surface which will not drain during fall and early winter rains, the water freezes on the surface before it can get down through to the drain tile, and the result in the spring is dead spots in the turf in such pockets.

It has been my experience that some cases of winter kill can be partially if not completely prevented by breaking up the cake of ice that has formed over the grass. Especially is this true in cases of sleet storms where the green becomes encased in ice. By the use of a light seeder disc, set so that the knives penetrate to just the depth of the ice, and cross discing in checkerboard squares from two to four inches apart, this will let the air down to the grass plants, and the first thaw will open wider these cuts.

One year after one of these sleet storms, you could skate on some of our greens, and Mr. Hart, my chairman, asked me to do something to prevent winter kill. I had to do some quick thinking and it came to me that perhaps my seeder disc would open it up enough to give the grass plants air. When the ice began to melt in the spring the grass plants growing right under the cuts made by the disc peeped out the first thing, and when the ice went off our greens showed no bad effect from having been under the ice coating for some weeks. Other courses in this district at that time were hit pretty badly.

Labor and Equipment

My method of arranging a working schedule may be different from that used on many courses, and particularly so with reference to cutting the greens. After trying out several ways I finally came to what I call the "piece-work" method, hiring a man to cut six greens a

day for a flat price of \$5. This allows them to start the mowers at daybreak and get through before there is any heavy play over the course. Other labor around the course we get at fifty to fifty-five cents an hour. The number of men varies, according to whether or not there may be changes being made in bunkers or any other new work. Ordinarily we employ from twelve to fifteen men.

One thing I believe is that when a man is given a tractor and mowers to work with, or in fact any other piece of special machinery, he should be kept in charge of that particular outfit, and not changed around with other men and other pieces of equipment. Machinery lasts longer handling it in this way, as a man usually takes a special interest in a machine he uses continuously. We have four Roseman tractors, one Staude and one Worthington, two sets of Roseman mowers and one set of Worthington, which is all satisfactory equipment, which has given good service. We also use the Toro putting green mower, which is in every way satisfactory for mowing greens. I believe that when good equipment is used, the men take more interest, turn out better work, and take better care of their machinery. Cheap equipment makes a good man disgusted, and is a constant drawback to good workmanship.

I try to treat my men with understanding and courtesy at all times, and I have very little difficulty in retaining the services of good workmen from year to year. In other words, I try to pass down to my men the kind of treatment that is given me by the officials of my club, which has had the effect with me to inspire me to do the very best I can for them.

I'll Write Some More! Will You?

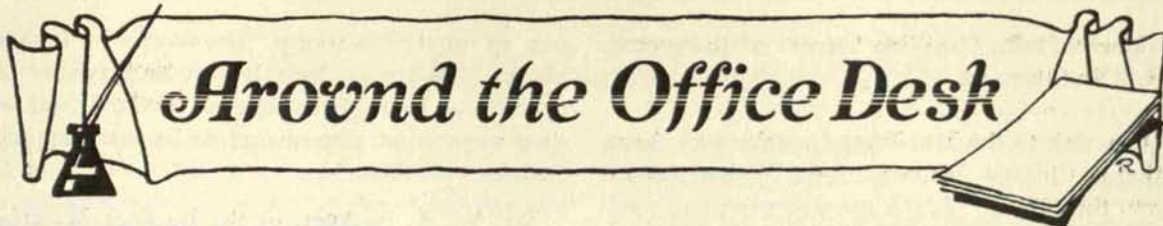
A little later on I will write my experiences with Brown Patch and Angeworms, and hope to see other greenkeepers come forward with some articles on how these two pests have been controlled on their courses. I think every greenkeeper, whether or not he knows any other greenkeeper member of the National Association, should lend a helping hand in setting down for this magazine the methods he has found of benefit to him in his work. In time we shall come to know one another better, and when we see experiences printed with pictures of the greenkeepers and of their courses, it is almost like having an introduction to other members. I think this magazine is the finest means possible to bring together in real earnest the men who are contributing their best efforts to create conditions which mean greater enjoyment of the game of golf, and lower scores.

MEMBER GREENKEEPER!

Will you Mail us a story with Pictures not later than March 15?

Write us your suggestions

THE NATIONAL GREENKEEPER



Around the Office Desk

NOW that preliminary plans for the annual meeting and Golf Show week have been made by the Executive committee, which met in Cleveland February 5, all we have to do is fill in the details such as making room reservations, ordering Association badges, and so on. That doesn't sound like so much, but it might be compared to lathing, plastering and decorating a house after the woodwork has been completed.

Mr. Joseph Valentine, Executive committee member from Philadelphia, writes under date of February 15 that at a meeting of the Philadelphia Golf Course Superintendents held the evening of the 14th, "I expressed to the best of my knowledge the aims of the National Association, and every one of our members will send their applications for membership to you."

LOCAL associations of greenkeepers are now being formed in several sections of the country. The Mid-West Greenkeepers Association covers a large territory around the Chicago district, and its president is John MacGregor of the Chicago Golf Club. This new organization is holding regular meetings which are very well attended, and it is already obvious that these meetings are having a strong and far reaching effect for good among the members.

A letter from Mr. Robert S. Greenfield of the Wilshire Country Club, Los Angeles, states that there is considerable talk about starting a Southern California Section of Greenkeepers. Indeed, the California greenkeepers were among the first to welcome and support the National Association.

Kansas City greenkeepers, in talking with Mr. J. O. Campbell, new Executive committee member of that district, express their belief that a National association of greenkeepers has been long needed, and they will send in their applications before the annual meeting. Mr.

Campbell is not only interesting the greenkeepers around Kansas City in their membership, but has started to line up good greenkeeping articles for The National Greenkeeper. He may be a new member of the Executive committee, but he evidently has a perfect understanding of what is necessary to do.

Westchester County and the Metropolitan districts of New York are active, going local associations. West-

chester County Greenkeepers Association was organized some time ago and the article, "Let's Join to a Man" in the February number of this magazine is indicative of the kind of organization it is. The Metropolitan District Association was organized on February 7, at the Hotel McAlpine, New York City.

Indianapolis, in the person of Mr. Carl A. Bretzloff, greenkeeper at Meridian Hills Country Club, offers appreciation of The National Greenkeeper. Mr. Bretzloff writes, "I sure do think that The National Greenkeeper is the best magazine I ever read, and I get lots of good points out of it." How about writing

a story yourself, Mr. Bretzloff?

CANADA will undoubtedly turn out at the annual meeting, as Canadian greenkeepers have written for further information ever since the National Association was organized. Recently a letter was received from Mr. John S. Anderson of the Cedarbrook Golf Course, Scarboro, stating "The greenkeepers of this country have never been thoroughly organized. It is up to you to do it." Canadian greenkeepers stand side by side with those of the United States on the membership list of the National Association. Not only that, but on the day of organization in Toledo, Ohio, September 13, 1926, the words, "of America" in the name of the association were written for the greenkeepers of Canada. The two flags blend as one. Come down to Chicago the

When

By G. A. FARLEY

When you can make two blades of grass grow where one grew before, and nurture them until they show not only two but more; when you can count upon the fingers of one hand the weeds you've seen, upon your rounds some morning, as you walk from green to green; when all your traps are freshly raked, unmarred by careless play, and the chairman pats you on the back, and does it every day; when you can gaze with pride and satisfaction in your eye upon your fairways, all of which in green perfection lie; when every foot of rough presents a hazard fair to all, and never any member has to buy another ball; when all the workers on your course are for you to a man, and every thing they do for you is every bit they can; when you can count your daily work as so much healthy fun—you'll be a Super-greenkeeper, a *human marvel*, son.

week of March 21-26, Canadian keepers of the greens, and you will find them so.

AFTER a visit to the Mid-West Greenkeepers Association in Chicago, January 26, we received several letters from the Chicago district greenkeepers, and some particularly fine greenkeeping articles which will later appear in this magazine. One from Mr. Ed Neuman, greenkeeper at the Big Oaks Golf Club, says "In our last meeting I saw plainly how you are working for the benefit of the greenkeeper, and I feel confident in saying that in the near future the Association will be the talk of the Golf World. If I can do anything for you at any time, I will gladly render my services." Right here we ask for a contribution from Mr. Neuman, with plenty of pictures and good information. That's the best service any greenkeeper can render to the officers and members of our Association.

"I HAVE been looking forward to something of this kind these many years, and am glad now that my hopes have been realized." This from Mr. Elmer F. Af-feldt, greenkeeper at Glen Oaks Golf and Country Club, Great Neck, Long Island. This is only one of many such expressions we have received from greenkeepers of experience, and every one of them adds at least another hundred years to the life of the organization.

WE'VE been hearing some nice things from our advertisers lately. We'll look them over and pick out a few. From the Golf Course Equipment Company, 3049 Carnegie Avenue, Cleveland, over the phone comes a message: "Are we receiving any inquiries from

our ad in The National Greenkeeper? I should say we are! We must have had at least twenty since we opened our new offices here in Cleveland, and we know they were from your magazine because clippings were sent in with them."

Mr. W. A. Buckner, of the Buckner Manufacturing Company, Fresno, California, writes, "Our ad in the first issue of The National Greenkeeper has brought us more business than we have ever had from any of the other magazines in a whole season, excepting from Sherman Paddock's Country Club magazine, which is hard to beat." Shake hands with the greenkeepers of America, Mr. Paddock! We all like to be appreciated.

THE National Association of Greenkeepers of America could not carry out its educational and fraternal program were it not for The National Greenkeeper, the official organ of the association. Confidence of the finest kind has been expressed by manufacturers of golf supplies and equipment in this new movement for the improvement of golf maintenance conditions. As soon as manufacturers learned of the proposed national association and magazine, and long before the magazine was in being, practically all available space in our advertising columns was reserved, and has since been confirmed by yearly contract. "By their works ye shall know them," and so by the same token shall the greenkeepers of America become better known to one another, and in turn come to have a better understanding and appreciation of the work accomplished with lathe, drill, and special machinery to increase their efficiency as greenkeepers.



DECIDE NOW

Don't let the grass cutting season find you unprepared. Decide now as to your power lawn mower. Choose Moto-Mower. Your lawn will look better than ever this year. Moto-Mower is fast, easily handled, time-saving, economical and trouble-free. A twist of the wrist guides it. Its popularity is a revelation. Mail the coupon for our latest catalog.

THE MOTO-MOWER COMPANY
3241 E. Woodbridge St., Detroit, Mich.

The Moto-Mower Co.
3241 E. Woodbridge St., Detroit, Mich.
Please send the catalog to:

NAME _____

ADDRESS _____

The Salary
of A
GREENKEEPER
DEPENDS FIRST
UPON
KNOWLEDGE

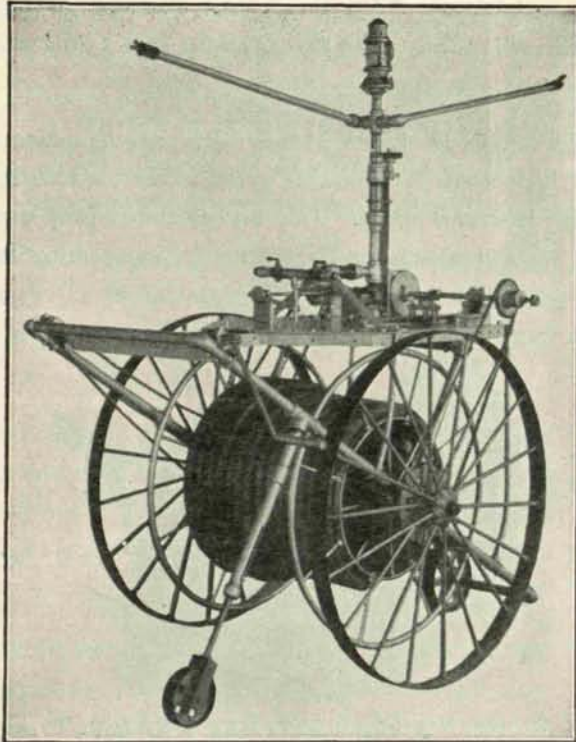
Write
The National School
of
Greenkeeping
447 Caxton Building
Cleveland, Ohio

The Equipment Question

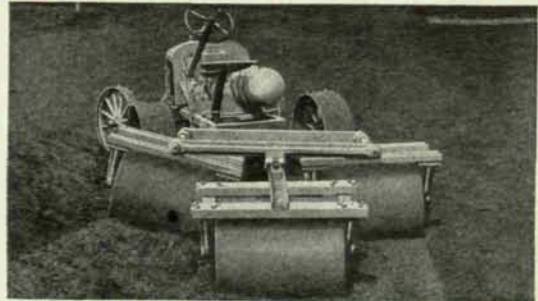
KEEPING the fairways green during long periods of hot dry weather is a problem which is solved only by the application of water at the right time and in sufficient amount to thoroughly drench the soil. A new fairway sprinkler is just offered to greenkeepers by the Pelican Works, Detroit, Michigan. This sprinkler is designed to travel 300 feet, dropping the hose as it

goes. It has an automatic shut-off, and a signal lantern for use in night watering.

ONE of the equipment items which must be considered early in the year by the greenkeeper is a fairway roller. Last season the Worthington Mower Company of Stroudsburg, Pennsylvania introduced the flexible gang roller illustrated below. This company manufactures a well-known line of tractor equipment, as well as the Shawnee tee stand, tee marker, ball locators, etc.

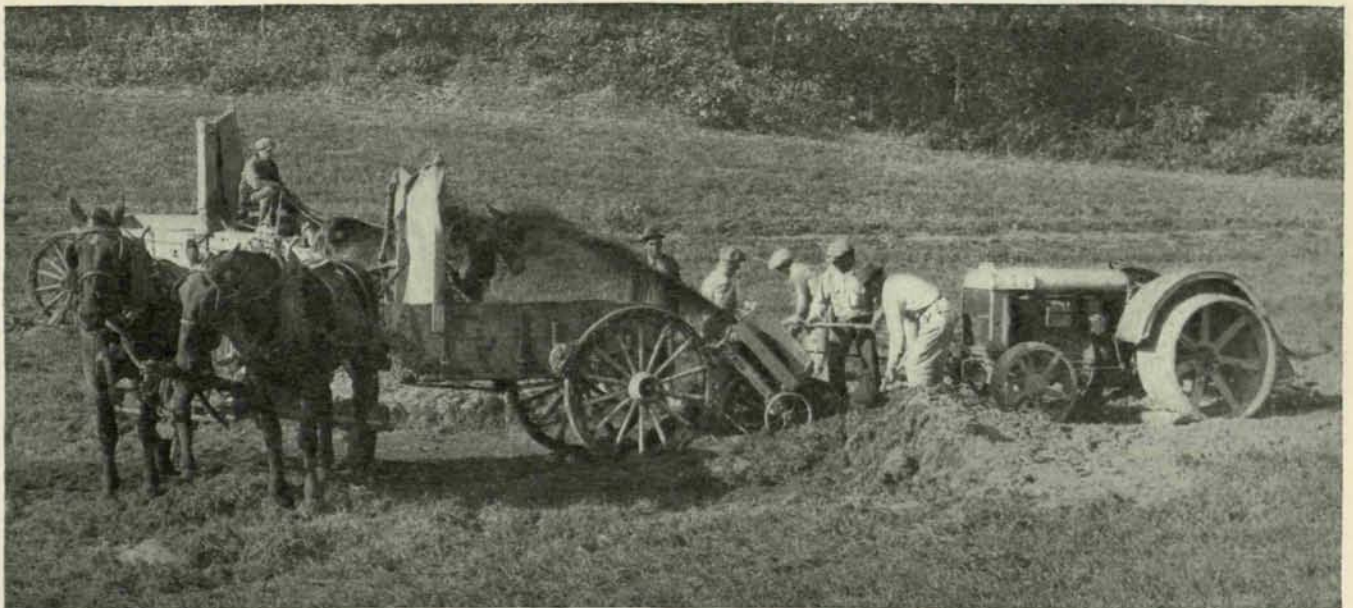


New Pelican Fairway Sprinkler Described Above



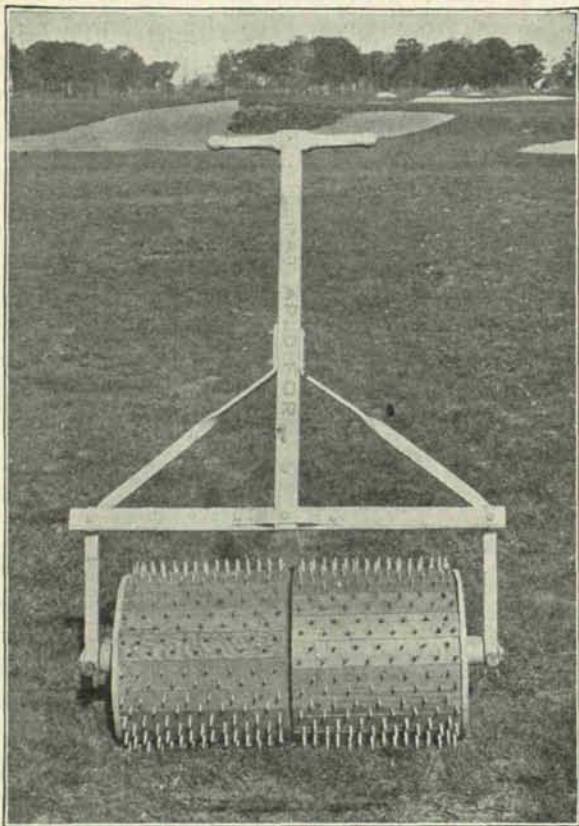
Worthington tractor and fairway roller. Each roller may be used separately

THE Royer compost mixer has an interesting history. It was developed from a sand blending machine designed for foundry use, by the chairman of the Green committee of the Wyoming Valley Country Club, Wilkesbarre, Pennsylvania, Mr. L. F. Mitten. Experiments in using the machine during construction of this course determined its value to golf clubs, and Mr. Mitten is now sole distributor of the Royer. Only one change in the original design was made, that of larger teeth on the belt. The Royer in action is illustrated below.



The Royer screens and loads in one operation

IT is nearly always necessary to do some re-seeding on a golf course in the spring, because of winter kill, or a scourge of weeds, or any one of many reasons. For loosening up the bare and patchy areas, a spiked roller is a good tool. Below appears the Roseman spiked roller, which weighs 220 pounds, has a diameter of 15 inches, and makes a track 30 inches wide.

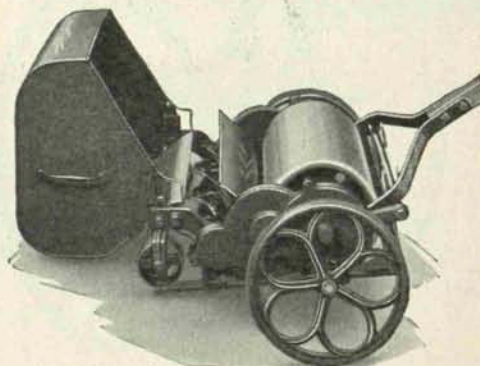


Spiked roller manufactured by the Roseman Tractor Mower Company, Evanston, Illinois

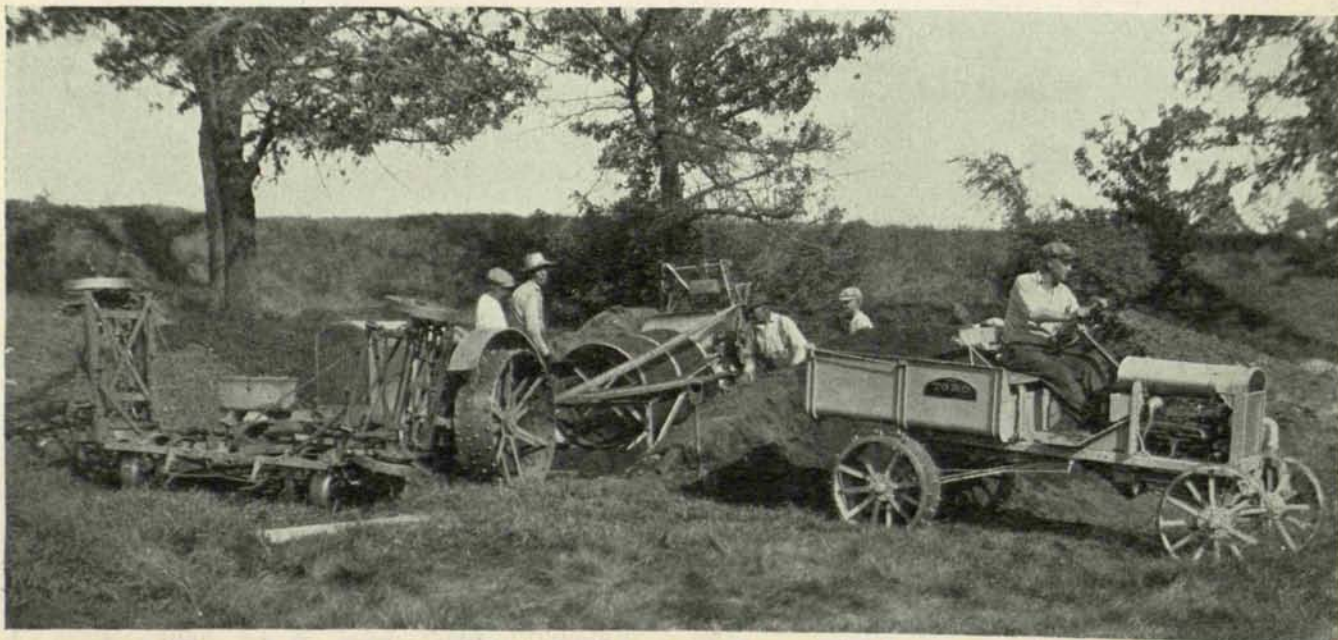
ONE of the chief items of interest in the design of the Titan fairway mowers, manufactured by the F. & N. Lawn Mower Company, of Richmond Indiana, is that the cutting reels are guaranteed not to get out of adjustment.

The Titan five-mower gang and frame is often used connected to a Staude tractor. Tractor manufactured by the E. G. Staude Mak-a-Tractor Company, St. Paul, Minnesota, is powered with a Ford engine. Another item manufactured by Staude is a tractor assembly, which will quickly convert a Ford car into a golf course tractor.

The F. & N. Lawn Mower Company announces a new high speed type putting green mower, a picture of which is shown below. This mower comes fully equipped with grass box and a truck for transporting from one green to another.



F. & N. High Speed Putting Green Mower



A busy day at the compost pile. Showing Toro mixer connected to Toro tractor power and light Toro Junior tractor, used for hauling

Again next March — and every March thereafter

INTERNATIONAL GOLF SHOW

**AND COUNTRY CLUB SPORTS
EXPOSITION CHICAGO**

To be given (second annual) in 1927 at the Hotel Sherman, March 21st-26th inclusive.

An Exposition "made to order" for the
**NATIONAL ASSOCIATION OF
GREENKEEPERS OF AMERICA**

whose regular annual convention also will be held at the Hotel Sherman, on dates concurrent with the International Golf Show.

At this Exposition is shown the golf and country club products of the leading manufacturers of the United States and Canada.

It provides a competitive market place of convenience for the up-and-doing greenkeeper to inspect in a single day more modern and efficient equipment than he would see in a month of travel and expense.

EVERYTHING IN GOLF UNDER ONE ROOF

Through their national organization and convention bureau special provisions will be made for Greenkeepers to attend the

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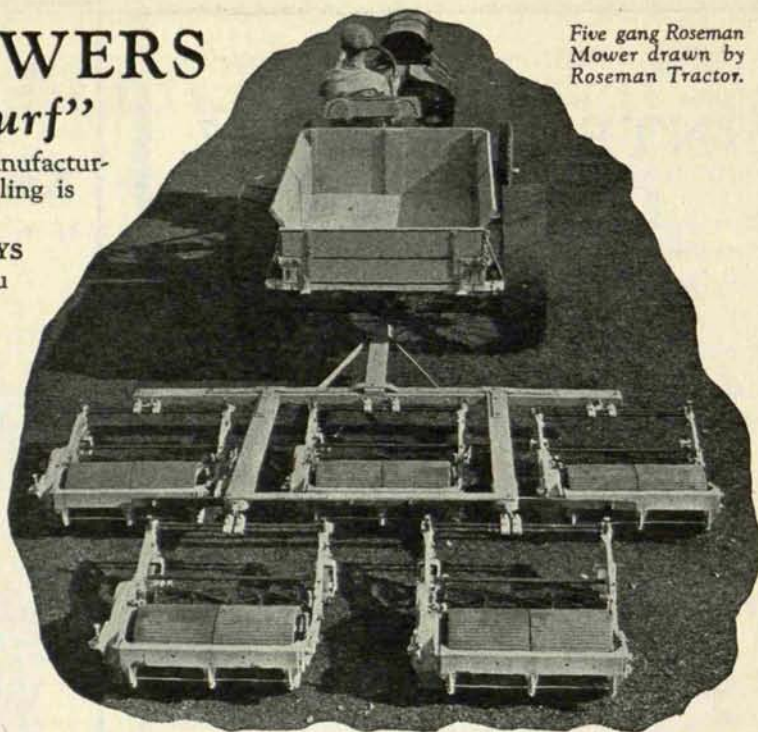
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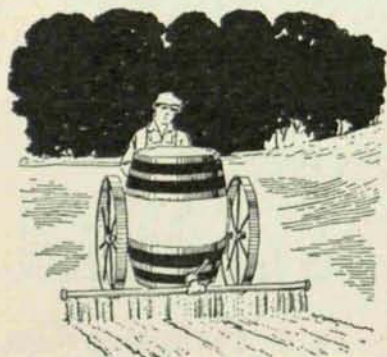
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