

Beautify Your Home Grounds

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BROAD LEAF AND CONIFEROUS
EVERGREENS



**Rhododendron
Maximum Mountain Laurel
Hemlock
and Red Cedars**

We are headquarters for the best at low,
wholesale prices.

Write today for our price list
now booking spring orders.

Blue Ridge Evergreen Supply Co.
DOEVILLE, TENNESSEE



Get Your Copy of This Free Booklet

Every greenkeeper, every pro, every club official interested in a better golf course should have a copy of "The Putting Green." It has 40 illustrated pages of unbiased information on grasses, construction, planting and care of greens. Ask for your copy.

Here are a few of many comments from those who already have it:

I thank you for this interesting and instructive booklet.—John E. Moore, Continental Oil Co., Ponca City, Okla.

Thanks for my copy. I will re-read it again.—E. H. Allen, Cresco, Iowa.

This book covers the subject thoroughly and will help us keep our greens in good shape.—E. L. Schneider, Chairman, Greens' Committee, Dearborn Country Club, Lawrenceburg, Penna.

"The Putting Green" is very clear and concise. Have read it with much interest.—Geo. E. Cornwall, Wakefield, Mass.

The book is great.—J. M. Charlotte, Greenville, S. C.

A splendid and most useful treatise.—George Philler, Sidney, Ohio.

Like everything else that comes from your company, the new book on putting green grass is exceedingly well done.—K. E. Goit, Sales Mgr., Toro Mfg. Co., Minneapolis, Minn.

A very useful book.—Russell Emig, Portsmouth, Va.

See us at
the Con-
vention,
Booth 28.
Your note
pads will
be there.

YOU ARE INVITED » » »

Visit With Us at the Golf Show
HOTEL PENNSYLVANIA . . . NEW YORK
JANUARY 19-22

We will have a most interesting exhibit to show you. It will provide an opportunity for you to learn first-hand of every advantage offered by the most popular, practical irrigation method known—the

BUCKNER One-Man Sprinkling System

The time to work out your course irrigation problems is now. Have the job completed when playtime starts in the Spring. A Buckner System will not only do the job right, but its manifest economy will soon pay for its installation.

Write for our new illustrated booklet, *Free*

**BUCKNER
MANUFACTURING COMPANY**
FRESNO CALIFORNIA

Factory Representatives

P. L. Baldock, 2240 Casitas St., Pasadena
Gordon Buckner, Athens Athletic Club, Oakland
Buckner Irrigation Company, Nixon Bldg., Chicago

Eastern Engineering Representatives

Wendell P. Miller and Associates, 105 W. Monroe St., Chicago

O. M. SCOTT & SONS
COMPANY



MARYSVILLE
OHIO

took its hold on the American public, back in the early years of the century; true enough is the expression in one of the editions of their helpful "Golf Turf," which emphasized the fact that Stumpp & Walter merchandise has been in use on golf courses since the days of the old gutty ball. Thirty years ago the first was among the first to import Fescue and Bent seed from abroad, and they are large annual importers of these grasses today.

Visitors to New York at Convention time will find the Stumpp & Walter Co. on the move. They have just completed a new headquarters, and they are now in the process of transferring their stocks to the modern building at the corner of Warren and Church Streets, New York. These people use extensive warehouse accommodation, as they control directly very large stocks of grass seeds, as well as field seeds, vegetables and flowers.

Goulard & Olena, Inc. New York City

This company are specialists in fertilizers, insecticides and deodorants. In the fertilizer line they have many products which are adaptable to the numerous problems of turf culture under all conditions. They have a lawn and garden fertilizer of their own composition, also ground bone meal and sheep manure.

Their products in the insecticide field not only include exterminators of insects in the garden, but also in the household.

In their exhibit in New York they will particularly feature fertilizer for the greens and fairways, brown patch formula, Anti-Japanese fertilizer, dry and liquid worm eradicator, concrete and brick white dressing, insecticides, arsenate of lead powder, and coated arsenate of lead paste.

Their Mr. James Henry Howard Jr., will be in attendance at the booth assisted by Messrs. Clarke, Lowenthal and DeGroot and their New England representative Mr. Charboneau.

Nitrate Agencies Co. New York City

The famous Naco Caddy will be the central figure in the Nitrate Agencies Company's exhibit in Booth No. 16.

The display will include samples of Naco golf course fertilizer, an exceptional plant food which combines all of the features most desired by greenkeepers who are intent on perfection in fairway turf and greens yet are required to keep a watchful eye on the budget.

Naco golf course fertilizer is renowned for its economy in use. "Less per green and less per acre of fairway" is the Nitrate Agencies' slogan for Naco.

Chief among its outstanding qualities are its capacity for releasing its ammonia (contained in Naco in seven different forms) slowly over a long period of time and its non-leaching quality.

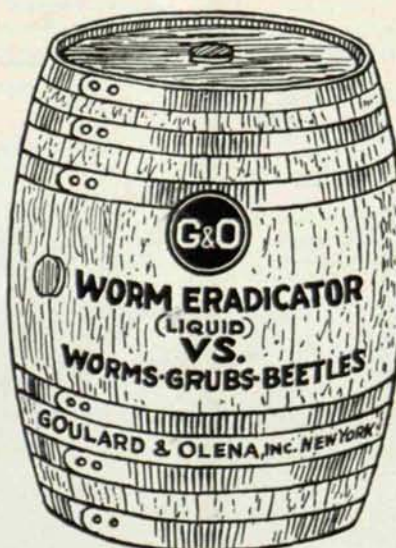
Samples of Naco will, of course, be exhibited. The Nitrate Agencies company will have its representative in the booth throughout the exposition to explain the advantages of Naco and to distribute literature.

L. R. Nelson Mfg. Co., Inc. Peoria, Illinois

This company will have on exhibit in Booth No. 34 the well-known Lark Golf Sprinkler as well as a full line of lawn sprinklers, hose nozzles and garden hose couplings, menders and clamps.

It might be well to mention that we have two improvements on the Lark. First, there is a new nozzle we have installed which controls the rate of revolution of the main stream. This nozzle is a thumb screw arrangement which enables adjusting the sprinkler easily and accurately for the control of its speed and even coverage.

The other feature is a new long main bearing that gives a longer life, and also this bearing has a sediment proof arrangement which prevents the head whipping as it revolves.



SOME OF THE PRODUCTS OF GOULARD & OLENA, INC., WHICH WILL BE SHOWN AT THE NEW YORK GREENKEEPERS' SHOW

WHAT

● are you going to do about your fairways and greens this spring?

Your Club's patronage and income this year will depend largely on the condition of your course. You can't afford to have poor fairways and greens in 1932.

Proper fertilization is one of the most important items in your maintenance budget. Even the best seed cannot produce the kind of turf you need on poor, infertile soil.

Armour's Special Turf Fertilizer supplies the necessary plant foods to develop a stronger, healthier, deeper rooted turf—a turf better able to withstand the hard use and abuse of a long playing season. It's economical too.

Insist that your budget provide for proper fertilization this year.

Write for free booklet on fairway and green maintenance. No obligation.



ARMOUR FERTILIZER WORKS

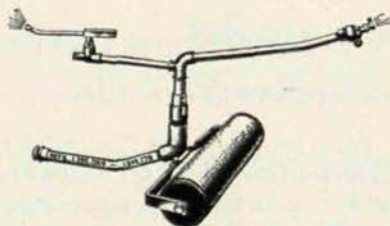
General Offices

111 W. Jackson Blvd.

Chicago, U. S. A.

AND NOW » » »

a positive worm-gear adjustment controlling the speed of rotation



"The LARK"

And now another advantage is added to the many superiorities of the LARK. A positive worm-gear adjustment controlling the speed of rotation of the sprinkler simplifies the "setting." Note the thumb-screw in the small illustration. By simply turning this screw, the nozzle of the sprinkler is elevated, lowered, or turned as desired. No tools needed.

Greenkeepers know and prefer the LARK sprinkler for its never-failing performance; its EVEN distribution; its far-throw; and the other advantages that have made it the leading golf sprinkler.

See the LARK at Booth 34

L.R. NELSON MFG. CO. INC. Peoria, Illinois

BENT

CANADIAN CERTIFIED BENT SEED

The J.M. McCullough's Sons Co.
Cincinnati
in the
U. S. A.

William Rennie Seeds, Ltd.
Toronto
in
CANADA

Eastern dealers
may secure spot
delivery in New
York City—Call

Seaside Bent Co.

115 Broad Street

Bowling Green, 9-3373

Fate-Root-Heath Company Plymouth, Ohio

A new mower sharpener embodying many unique features, and known as the Peerless Model D, has just been brought out by The Fate-Root-Heath Co., Plymouth, Ohio. It will be demonstrated at the Greenkeepers' Golf Show in booth No. 26.

This machine grinds all makes and types of power-driven, fairway, putting green and hand mowers without removing the mower wheels or reel knives. It grinds the blades with the proper clearance behind the cutting edge, makes the mower run easily and lengthens the life of the mower. It is extremely accurate and very fast.

The carriage is a one-piece heavy casting with renewable V tracks which ride on 15/16-inch steel balls. The carriage has a travel of 42 inches and is provided with adjustable stops. The bed is also a one-piece box section heavy casting with renewable tracks. The tracks are made of hard iron, insuring long life. The carriage, rolling on steel balls, requires only a slight pressure for feeding the work along the grinding wheel, eliminating all feed mechanism.

The grinding head is attached to a vertical post and carries a 6-inch grinding wheel, mounted on ball bearings, driven by a 1/3 H.P. motor by means of a "V" belt. This makes a smooth, quiet and compact drive.

Mowers are carried on supports which have both verticle and horizontal adjustment, the final adjustment to grinding wheel being obtained by a fine thread screw at each of the supports which bridge the carriage. Separate attachments are included for grinding both faces of the straight blade for either large or small mowers.

A Reconditioner Attachments can be furnished, at an additional price, for "lapping in" putting green mowers after they have been ground, or for reconditioning slightly dull ones, with grinding compound or emery paste. This is of the utmost importance.

This attachment can be quickly clamped to the carriage of the sharpener by means of two clamps. The attachment consists of a direct-connected special combined motor and

speed-reducer unit, an adjustable roller support to raise and lower the reel shaft, two driving couplers and five pounds for grinding compound. The motor unit is mounted on a sliding base which gives a horizontal adjustment, and drives the reel knives at the proper speed for lapping in.

Both motors are wired ready for operation and a 10-foot cord furnished to connect to line. Motors can be operated on either 115 or 230 volts single phase 60-cycle current.

Milwaukee Sewerage Commission Milwaukee, Wis.

The Milwaukee Sewerage Commission, manufacturers of Milorganite turf fertilizer, will be represented at the Greenkeepers' Convention by V. H. Kadish, Business Manager, and O. J. Noer, in charge of their Service Bureau. Both will be in constant attendance in Booth 31, prepared to discuss pertinent fertilizer problems with club representatives.

For the coming year Milorganite prices have been materially reduced and the plant food content increased from 20 to 25 per cent more than formerly. This will enable clubs to continue customary fairway fertilization.

The increased plant food content is not due to addition of inorganic materials, but the result of improvements in the process of manufacture. Milorganite continues to be a high-

grade, strictly organic plant food. In view of the higher plant food content, rates of application can be reduced 20 per cent and still supply as much nitrogen and phosphoric acid as formerly.

Sales to golf clubs during 1931 were gratifying and all signs point to its continued popularity during the coming season. The Service Department will continue to help clubs devise an economical and effective feeding program. Where necessary, they are prepared to make examinations and such soil tests as seem essential.

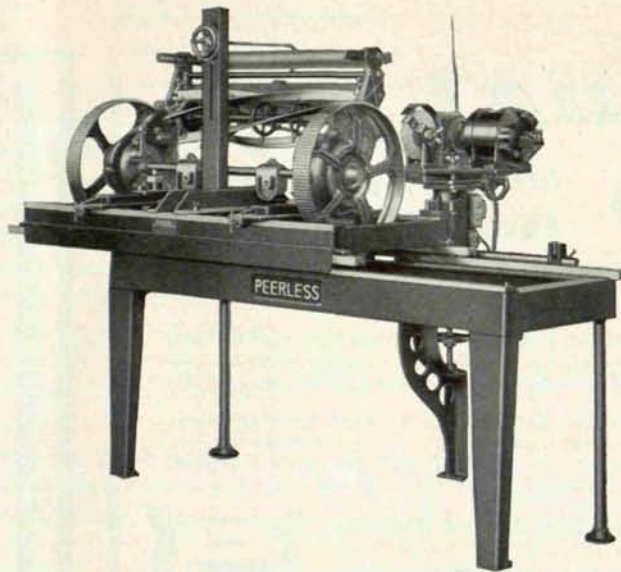
Peter Henderson & Company New York City

Peter Henderson & Company exhibit will consist of a collection of modern golf course equipment, also samples of turf with the accompanying samples of seed from which they were produced.

The exhibit will be in charge of Mr. Harold Gilman.

Dow Chemical Company Midland, Mich.

This exhibit will contain a display of Dow lead arsenate especially recommended for use on golf courses, greens and fairways, to eliminate grubs, beetles and earth worms and to control the growth of obnoxious weeds.



NEW PEERLESS MODEL D MOWER SHARPENER

This machine will be demonstrated at the National Greenkeeper's Show in New York.

The STANDARD LINE IS BETTER

Greenskeepers the country over have found that it pays to standardize on STANDARD GOLF COURSE EQUIPMENT. It greatly adds to the proper maintenance of the course—as well as greatly increasing players comfort.



All Standard Equipment is fully guaranteed, every item brings you the latest design, quality, material and expert workmanship.

We will gladly send you complete information and descriptive material on request. Write for it today. No obligation of course.

STANDARD MFG. CO.

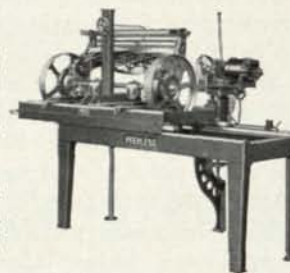
Cedar Falls, Iowa

The Standard Line includes Steel Flag Poles, Aluminum or cast iron one-piece hole rims, tee markers, bag racks, fairway, parking and special signs, "cuts true" hole cutter.

The PEERLESS Mower Sharpener NEW MODEL D

Grinds all type of power-driven, fairway, putting green and hand mowers without removing mower wheels or reel knives. Carriage has travel of 42 inches. Very fast and extremely accurate. 6-inch grinding wheel driven by $\frac{1}{2}$ -h. p. motor and V belt. Very quiet running.

A Reconditioner Attachment can be furnished at an additional price for "lapping-in" putting green mowers with emery paste. This Attachment can be quickly clamped to the Sharpener by two clamps. Write for Catalog.



THE FATE-ROOT-HEATH COMPANY
532-568 Bell Street
Plymouth, Ohio

For Winter Reading—

The Lawn

BY LAWRENCE S. DICKINSON

Ass't. Professor of Horticulture
Massachusetts State College

Defines and Describes the Culture of
Turf in Park, Golfing and Home areas.

CONTENTS

The General View	Controlling Pests
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Seed Selection and Planting	Park Turf
Important Turf Plants	Cemetery Turf
Planting a lawn with Stolons	Useful Tables
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The National Greenkeeper

405 Caxton Bldg.

Cleveland, Ohio

Grass Seed
Fertilizers
Brown Patch Controls
Rollers
Distributors
Buckner Sprinklers
Milorganite
Arsenate of Lead

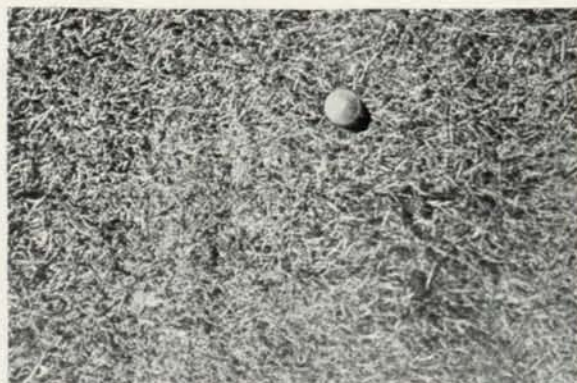
J. Oliver Johnson, Inc.

World's Largest Golf Course Equipment House

Morgan-Huron-Superior Sts.

CHICAGO, ILL.

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Make Your Greens and Fairways Greener, Richer, More Uniform and Durable — by Fertilizing with Ammo-Phos

Ammo-Phos is a double plant-food material in which water-soluble phosphoric acid is combined with nitrogen (ammonia). It is clean, dry, granular—a superb material to handle and apply.

This photograph is reproduced from Bulletin of U. S. Golf Association, "Fertilizers in Relation to Quality of Turf and to Weed Control," reporting results of official tests conducted in cooperation with the U. S. G. A. at Arlington.

This plot was given ammonium phosphate at the rate of approximately 15 pounds per 1,000 square feet annually in five applications, one month apart, for three years. Note the freedom from weeds. It was the most nearly weed-free of all the plots in the series.

The performance of Ammo-Phos in these U. S. G. A. tests, which extended over a period of years, was outstanding. From the very beginning the best plots were those to which Ammo-Phos had been applied.

American Cyanamid Company

535 Fifth Avenue, New York, N.Y.



The C. B. Dolge Company Westport, Conn.

Our booth No. 27 at the National Greenkeepers' Convention and Show in New York will include mechanical displays, samples of Dolge products, as Diworma (the quick and safe worm eradicator), Dolco Ant Killer, Ban (the all-purpose cleaner and the sudsless cleaner for golf ball washing machines), Dolge Weed Killer, Dolco Mouse Cereal (for moles) and disinfecting, deodorating and cleaning products for the clubhouse use.

The booth will be attractively decorated and there will be valuable souvenirs for all those calling at the booth. The booth will be in charge of Messrs. George Herrmann and Lloyd Dolge. We plan to have other Dolge representatives there at various times.

Special offers on various Dolge products will be made during the Convention period. These offers will affect a saving and give valuable free goods with orders and will be valid only on orders taken during the Convention period.

O. M. Scott & Sons Co. Marysville, Ohio

At Booth No. 28 we will display samples of our golf course seeds. Included will be some very fine *Poa Annua* of a recent importation.

For the benefit of those attending the convention we will distribute convenient note books. These prove so very popular with greenkeepers especially at the last convention that we have decided to make this an annual custom. As before these convention note pads will be absolutely free.

The O. M. Scott & Sons Company of Marysville, Ohio, has announced that they will again publish a complete report of the Educational Conferences to be held in connection with the New York convention. This report will be similar in scope and purpose to those which were issued following the Louisville and Columbus Conventions.

They have met with very hearty approval because those greenkeepers who attend find that a digest of the talks helps them to remember the vital points. At the same time they



SOME OF THE DOLGE PRODUCTS WHICH WILL BE ON DISPLAY

These include Ban for cleaning golf balls, Diworma, worm eradicator and the Dolge weed killer.

can have the report sent to the Green chairman and other club officials to show them just what the association is doing. This year the report will be sent only to those asking for it.

Requests may be mailed direct to the O. M. Scott & Sons Company or left at the display booth at the golf show. It is suggested that each greenkeeper leave the name of his chairman and any friends that might be interested.

Atkins & Durbrow New York City

Atkins & Durbrow's exhibit will again feature the GPM brand of granulated peat moss and Driconure, nature's own fertilizer.

Driconure was introduced at the National Greenkeeper's Convention in 1930 and since that time it has made remarkably rapid strides. Greenkeepers the country over have taken kindly to Driconure.

They find this product which is a combination of peat moss and cow manure, to be the ideal organic top dressing for greens. It is finely pulverized, guaranteed free from weed seeds. It contains all the elements essential for the growth of good turf and while it is high in nitrogen it can be used safely with absolutely no fear of burning.

The GPM brand of granulated peat moss is not an active plant food but it is a mechanical soil improver and is used by hundreds of greenkeepers for winter mulching purposes and for soil incorporation in the building of new greens or the renovating of established greens.

We will have a series of photo-

graphs showing the effect of peat moss on soil texture that will be of particular interest. The exhibit will be in charge of Mr. Carl L. Mack.

American Cyanamid Sales Co. New York City

American Cyanamid Sales Co., will exhibit Barbak 211, a fungicide with fertilizing qualities which was on the market last year and extensively sold and used by golf courses all over the country. They will also exhibit a new product selling under the name of Barbak Double X. This is a turf disinfectant for control of brown patch containing no fertilizer but with mercury content approximately double that of Barbak 211.

Mr. B. C. Culver will have charge of this exhibit.

Bayer-Semesan Company New York City

This company will have on display their brown patch fungicides, Semesan and Nu-Green and will distribute pamphlets pertaining to these products to those attending the show. They also expect to show photographs of results obtained with Semesan and Nu-Green.

Of most interest, however, should



BAYER SEMESAN PRODUCTS

OLD ENGLISH GRADED GRASS SEED

At Lowest Prices on Record

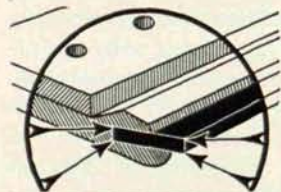
Naturally, price is of primary importance this year. There is no need, however, to gamble on quality when Old English quality is priced so attractively.

Send us an inquiry!

THE PHILADELPHIA SEED COMPANY
Arch Street at Front Philadelphia, Pa.

You will be convinced!

DOWN Comes Mowing Upkeep!



Away Down in Expenses, but away Up in Results—where Budd goes on the job. Conditions today make Budd a prudent necessity—with its four-times ordinary blade service. Budd uses the sensible safety razor principle—and its popularity is rapidly spreading. Write for price list "G" with full details and new low prices.

BUDD MFG. CO. Ravenna, Ohio
BUDD MOWER BLADES

CALO-CLO

Our representatives will be on hand at booth number 40 to discuss your Brown Patch problems.

Mallinckrodt Chemical Works



Produce and Protect
Fine Greens and Fairways
with

"Friend" Golf Sprayers

Write for Circulars

"Friend" Mfg. Company
161 East Avenue Gasport, N. Y.

ECONOMY

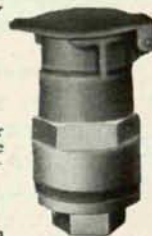
Quick-Coupling Adjustable-Opening Valve

Recommended for all hoseless sprinkling systems for golf courses where speed, economy and efficiency are desired. Write for name of our agent nearest you—he will give free demonstration.

ECONOMY IRRIGATION CO., Inc.

21 Spokane Street

Seattle, Washington



WINTER-HARDY — ACCLIMATED

BENT GRASS SEED

Direct from my farms where it is grown

GUARANTEED RESULTS

A. N. PECKHAM :: Kingston, R. I.

**HUBBARD
NURSERIES**
N. Kingsville, O.

A fine stand of
genuine Washing-
ton strain of Bent.
Extra rich in nodes.



How's Yuh Gramma'?

yuh wanna make th' greens smooth 'n slik, so the ball won't bounce off 'n the players don't kik? It's a trik that's almost simple—ther's reely little to it wherevva they use

CLEVE-BRAND CHARCOAL

jus 'nquire—or ask the leading greenkeepers how they do it.

Cleveland Charcoal Supply Co.

3905 Jennings Road, Cleveland, Ohio

"Everything for the Golf Course"

EXHIBITING BOOTH 2B

1932 National Greenkeepers' Golf Show

Buckner Sprinklers • Royer Compost Mixers

Hardie Sprayers • Seaside Bent

Special Fertilizers, Etc.

ARTHUR D. PETERSON

420 Lexington Ave., New York

Write for 1932 Catalog

No connection with any other concern using my name



DIAMOND

**Steel Center
Tractor Spud**

Long wearing, sharp until completely worn out — because of hard tool-steel center — outside wears away faster. Made in all sizes to fit any size or make of tractor. If your dealer can't supply you, write direct for sample or literature. . . .

**DIAMOND CALK
HORSESHOE COMPANY**
4700 Grand Ave. Duluth, Minn.

be the motion picture projection machine that they plan to install in their booth, which will give an interesting story of how brown patch may be controlled with Du Bay fungicides.

Jacobsen Manufacturing Co. Racine, Wis.

An event that is looked forward to by Greenkeepers all over the United States is the coming Sixth Annual Greenkeepers' Golf Show and Convention at New York, Jan. 19th-22nd, 1932. Again the Jacobsen Manufacturing Company at Racine will have a complete exhibit of Power Putting Green Mowers and Accessories at Booth No. 37.

One of the accessories to be displayed, and one that should be of great interest to the greenkeepers is the Jacobsen patent brush attachment for aerating Creeping Bent greens, preventing "Brown Patch" and for the perfect spreading of top dressing. "Brown Patch" is a fungus growth and is known practically everywhere in the United States. It may occur at almost any time during the growing season.

It is a well-established fact that the chief cause of "Brown Patch" is the failure of air and sun penetrating to the roots of closely-cut, heavily top-dressed grass with a thick root system. In addition to the various chemical mixtures recommended for "Brown Patch" it is also necessary to give some treatment which will aerate the grass thoroughly. For this purpose the Jacobsen Power Greens Brush attachment is ideal. It penetrates to the soil and enables the greenkeeper to aerate the greens in record time.

The Brush also prevents the bent from running and brushes up the

matted grass so that the mower can cut it. Matted greens, of course, allow the ball to travel fast and free in one direction and make it travel sluggishly when played for another direction. The Greens Brush will also brush in the top dressing more thoroughly and quickly than it can be raked. It gets right down to the roots of the grass so that it is possible to topdress in the morning and have a perfect playing green in the afternoon.

It was in 1923 that the Jacobsen Manufacturing Company first introduced a Power Putting Green Mower to golf clubs. Like any new product, it was received with a certain amount of skepticism, but actual demonstration of its ability on various putting greens, won early and favorable recognition among greenkeepers.

The present improvements in the present Jacobsen models consist of: Extreme light weight, high speed power-driven reel and extreme light weight.

Mallinckrodt Chemical Works, St. Louis, Mo.

Mallinckrodt Chemical Works, the manufacturers of this well-known brown patch remedy, Calo-Clor, as well as Calogreen and Corrosive Sublimate, will be on hand to explain the value of these preparations for brown patch, earthworm and snow mold control.

Interesting data will be available to show the economy and effectiveness and these inorganic fungicides based on experiments and experiences of greenkeepers in different parts of the country.

Extra copies of their interesting and informative brown patch bulletins will be available to anyone who would like to have them.

Dayton Irrigation System White Plains, New York

Each season emphasizes the necessity of modern irrigation for golf courses. Modern irrigation requires faultless design of sprinkler heads, as well as competent engineering.

Dayton Irrigation products have always been noted for their advanced design built around basic principles, producing a scientific distribution of water over large areas with a minimum of pressure and consumption. The greenkeeper's prayer for a "gentle shower" at critical periods can be answered by adoption of Dayton products, either underground or portable.

Herewith is an illustration of a Dayton underground head suitable for fairways, greens and large tees. This head delivers an even coverage—without flooding or washing—throughout a circle of large diameter. The "gentle shower" type of precipitation permits a positive control of the depth of penetration. Grass, rubber or plain tops can be specified, according to the use intended.

We also show one of the famous Dayton Greenway sprinklers in operation. Here is an item of rugged construction that will deliver surprising service. Roller or skid base, extra nozzles, removable bushing permitting use of 3/4-inch or 1-inch hose, low price, are but some of the many features.

Dayton Irrigation will announce and display at the convention a new medium-priced sprinkler for golf greens, capable of a large coverage upon a low pressure, and adjustable while in operation.

This company specializes in irrigation equipment, both permanent underground, and portable, and does not permit its personnel to branch out into other forms of construction



JACOBSEN MOWERS IN
OPERATION

*The scene on the left shows the
Jacobsen Estate mower at the
Scioto Country Club,
Columbus, O.*

*The scene on the right shows the
Jacobsen mower with brush
attachment at the North Hills
C. C., Glenside, Pa.*





DAYTON GREENWAY SPRINKLER

or maintenance. All its products are sold under a broad guarantee, and the entire organization is geared for prompt and efficient service.

Golf chairmen and greenkeepers will appreciate the unusual display of equipment and modern ideas arranged by Dayton Irrigation of White Plains, N. Y., and Dayton, Ohio, at the annual Golf Show. The foregoing are but a part of this educational display. All are cordially invited to visit this exhibit.

Standard Mfg. Company Cedar Falls, Iowa

The features of the Standard exhibit will be the hole cutter, the light weight steel flag pole, and the one-piece aluminum hole rim. This company has endeavored to manufacture a hole cutter to meet the wants of the greenkeepers for a cutter that is easy to operate, is built ruggedly and cuts true and clean.

The steel flag pole is three-quarter inch diameter and is constructed from a special strong, light weight seamless tube. It is reinforced at the bottom and is made to fit the one-piece aluminum hole rim cup, which is a part of the Standard outfit. The wall of this cup is thin with top inside edge rounded to eliminate rebound of the ball when putting. It is smooth inside and cannot injure the hands. The ball receptacle is strongly reinforced sloping to the center and with holes for adequate drainage. Pole socket is long and rigidly braced to always keep the pole in a straight, upright position.

Other Standard products include a bag rack made entirely from cast aluminum, also tee markers, fairway yardage markers, arrow tee markers, etc.



DAYTON UNDERGROUND SPRINKLER FOR FAIRWAYS, GREENS AND LARGE TEES

Swift & Company Chicago, Ill.

Swift & Company will have a unique display featuring their complete plant foods. Emphasis is placed on the importance of proper feeding to reduce maintenance costs. Special emphasis also is placed on the importance of feeding a complete plant food to develop a strong, well-developed root system, as well as healthy, vigorous top growth.

Campbell Irrigation Company Woodbury, N. J.

In its exhibit at the Golf Show this company will emphasize the Slow Rotary, which is a portable sprinkler for watering putting greens and fairways. It is made of the highest-grade materials and is equipped with two nozzles, each one of them of different size and shape and all of them set at proper angles for distributing the water evenly in fine sprays over the area to be covered. The makers claim that this sprinkler will cover an area from 7,500 to 12,000 square feet according to the pressure. It will operate on a pressure from thirty-five to one hundred twenty-five pounds.

The Campbell Company has developed a new model disappearing sprinkler called the "Grasshopper,"

which is designed for watering fairways, tees and greens. The features of this have been withheld as a surprise to be displayed at the Show.

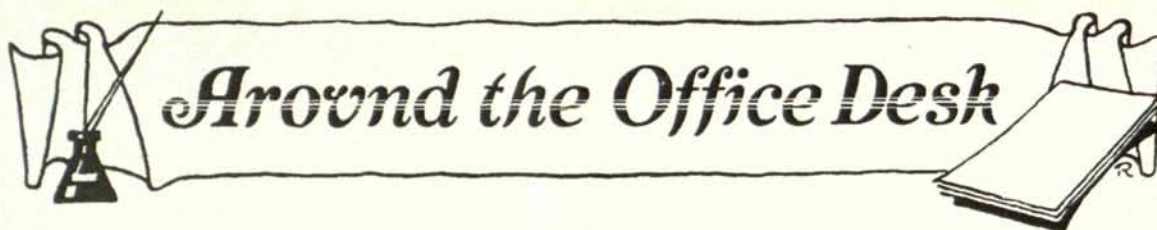
Hyper-Humus Company Newton, N. J.

W. P. Troxell will preside as usual at this exhibit and expects the greenkeepers will give him the annual opportunity to tell them "Why." He has something "up his sleeve" this time; a new winter covering for greens and also to mulch the plants around the club house.

A lot of things have been happening in a scientific way, over in New Jersey . . . Hyper-Humus has been put through its paces in rigorous tests in more than a dozen ways. One that interests greenkeepers is the persistence of Hyper-Humus in staying in the soil.

It will be worth every greenkeeper's time to ask Billie Troxell about this because these tests have proven that Hyper-Humus lost but 9.9%, whereas common peat, peat moss, rotted manure, spent mushroom soil lost from 13.4% to 32.4%—the latter being manure.

Mr. Troxell will be assisted by H. J. Diem of New York and Messrs. Ballagh and Gustin of Philadelphia.



Mr. John Morley, President,
Youngstown Country Club,
2248 Selma Avenue,
Youngstown, Ohio.

My dear John:

The Greenkeepers' Club of New England desires to express its appreciation to the Executive Committee, of the National Association of Greenkeepers of America, for its cooperation in bringing about the joint meeting with our Club, in Boston, on Nov. 16th.

We feel that great goodwill will come from this meeting and hope that you all have sensed the same friendly, cordial, feeling, that you, of the National body so clearly expressed.

We were, indeed, very glad to meet and to welcome every one of you, and congratulate the National Association on the fine group of men it has at its head.

Although we may be working along little different lines, our aims and purposes are similar. I speak for the Club, as a whole, in assuring you that our organization is ready and eager, at all times, to cooperate with other organizations in anything that will benefit greenkeepers and golf in general.

May we also express our thanks for your cordial invitation to visit your Show and Conference in New York. I think that many of us will surely accept this invitation.

With sincere thanks and appreciation, I remain,

Yours truly,

C. E. TREAT, *President.*

November 24, 1931.

(Greenkeeper, Woodland Golf Club.)

Mr. Carlton E. Treat, President,
New England Greenkeepers' Club,
Auburndale, Mass.

Dear Carl:

The copy of letter to Mr. Morley at hand and we surely thank you for the sentiments expressed.

The Executive Committee wishes to thank you for your cooperation in making the meeting a success, for without your efforts, it would not have been such a success.

We too, feel that a lot was accomplished and only hope that we may again meet in the near future. As you know, the N. A. G. A. deals only with the individual, but we are always glad to see a sectional group progress and we sincerely wish your group all the luck and success in the world.

Thanking you and the New England Greenkeepers' Club for your wonderful hospitality and looking forward to seeing most of you in New York, I remain,

Sincerely yours,

National Association of Greenkeepers of America,

JOHN QUAILL, *Secretary.*

November 27, 1931.

Instructions For Those Attending the New York Greenkeepers' Convention

Present yourself at any ticket office at least 30 minutes before train time.

Tell the ticket agent you are going to New York to attend the National Greenkeepers' Convention and ask for a reduced fare convention certificate.

If your wife or children accompany you, get certificates for them also.

Buy your full fare ticket to New York—the reduced rates applies only on the return trip.

On arrival at New York report at once to Harry A. Burkhardt, Chairman of the Registration Committee of the National Association of Greenkeepers of America. Registration Booth in the Golf Show.

Leave your certificate with him until Friday and it will be validated by the Special Agent.

Call at the Registration Booth Friday afternoon and get your certificate for the return trip home.

When you buy your ticket home present your certificate to the ticket agent in New York and you will get a full fare ticket for half fare, thereby saving you 25 per cent of your total railroad expense.