

TO GROW thick and vigorous turf, use V-C Fairway, the fertilizer for golf courses. Clean, inoffensive, unobjectionable in every way—a rich food for grass, easy and inexpensive to apply.

V-C Fairway
GRASS FOOD

VIRGINIA-CAROLINA
CHEMICAL CORP.

LAWN AND GARDEN DEPT.
Richmond, Virginia

Read how this Golf Course SAVES \$3.70 on Each Yard of Soil

"We have one of the KEMP SOIL SHREDDERS for the mixing of top dressing for our putting greens. We are very pleased with this machine because it has done even more than you claimed it would do.

"It shreds the sod or the dirt and separates the fine soil from the coarse, so that it makes a perfect top dressing. We estimate that doing the work with the old screen cost on an average of \$4.00 or \$5.00 per cu. yd. but the KEMP has reduced the cost to 30c per cu. yd.



No. 1 Gasoline or Electric with Sifter attachment for greatest economy

"Most satisfactory of all is that you are absolutely sure of having as much top dressing as you need."
The Weston Hills Country Club,
Cincinnati, O.

What more could be said? Show the management how a KEMP SOIL SHREDDER will save at least one-half to two-thirds the cost of hand mixing and screening of compost for your greens.



No. 1 Gasoline Model. Handles 6 cu. yds. per hr. Another larger size, gas or electric, handles 12 cu. yds. per hr.

Write for 1930 Catalog

New Kemp Catalog is just off the press. Write for your copy and complete details of this money-saving machine today. Address KEMP MANUFACTURING CO., Dept. G, 2001 Peach St., Erie, Pa.

KEMP POWER SOIL SHREDDERS

Kentucky Hotel

LOUISVILLE, KENTUCKY

Headquarters for Greenkeepers
Convention

February 4, 5, 6, 7
One Block from Auditorium

450
Rooms

Popular
Price
Coffee
Shoppe



450
Baths

Georgian
Dining
Room

Where Kentucky Hospitality
Greets You

R. D. BEMISS, Manager

RATES

Single	\$3.00	-	\$3.50	-	\$4.00	-	\$5.00
Double	\$5.00	-	\$6.00	-	\$7.00	-	\$8.00
Twin Beds	\$6.00	-	\$7.00	-	\$8.00	-	

Grass Seed Fertilizers Seeders Discers Greens Equipment Toro Equipment Grounds Equipment Rollers

When in Chicago visit our show room where you will see the largest display of equipment in the country. A Postal will bring our 1930 catalog.

J. Oliver Johnson, Inc.

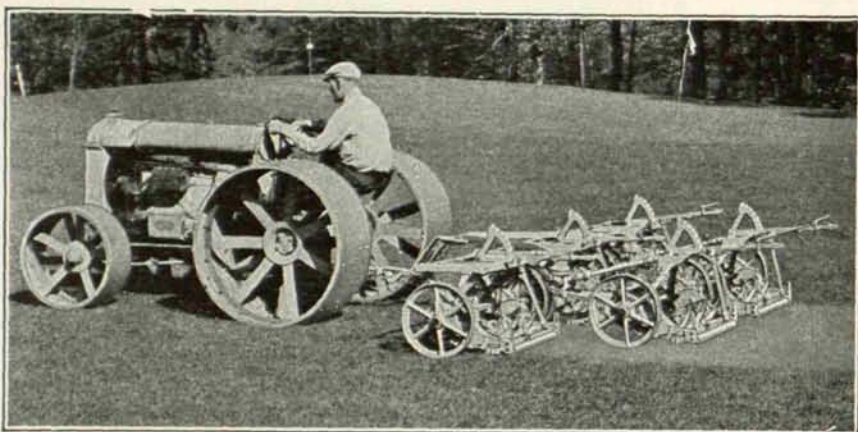
World's largest golf course equipment house

Morgan Huron Superior Sts.

CHICAGO, ILL.

© Reg. JOJ Inc, 1928

The F. & N. Lawn Mower Company
Richmond, Indiana
BOOTH NO. 42



F. & N. FIVE GANG FAIRWAY UNIT

THIS very large concern will exhibit three and five gang fairway mowers, putting green mowers and tee mowers, all of which are thoroughly well known in the trade. These mowers have been developed after forty years of experience and are equipped with Timken bearing cut steel gears and oil tight gear cases.

A feature of the cutting unit is the self-adjusting device of the revolving cutter. These three and five unit outfits are quickly convertible from one to the other by manipulating two king pins to add or detach the two outside rear wings and mowers. Customers having three gang equipment can later convert it into a five unit outfit by purchasing the two extra frame wings and mowers. The complete frame can be detached in a few seconds by releasing one pin so the tractor can be used for rolling or any other purpose.

The F. & N. putting green mower is very sturdily constructed and has an 18-inch reel, five inches in diameter with seven special crucible tool steel blades, oil tempered and mounted on Skf ball bearings. Like the Fairway unit these bearings are self-adjusting under the company's exclusive patent. The company prides itself upon the high quality of material and workmanship and welcomes the opportunity

of showing the greenkeepers their machines.

The exhibit will be in charge of Mr. R. O. Allen who is well known in the trade.

Lyman Carrier

Granger, Ind.—Willoughby, O.
BOOTH NO. 15

GREENKEEPERS will be keenly interested in the educational exhibit by Lyman Carrier, producer of Lecco and Cocoos, from Granger, Indiana.

Enlarged photographs of Cocoos Creeping Bent sod and similarly attractive photographs showing the application of Lecco, will be features of the exhibit. Illustrated booklets and souvenirs will be distributed free to all visitors at the booth.



LYMAN CARRIER

Mr. Carrier is widely recognized throughout the United States and Canada as one of the outstanding authorities on turf maintenance and culture. He has written many illuminating articles on the subject and has frequently addressed gatherings of greenkeepers. For several years Mr. Carrier was official Agonomist of the United States Department of Agriculture. He has spent more than a quarter of a century in studying, experimenting and producing grass and grass food.

After these years of research, Mr. Carrier introduced his grass food, now widely known as Lecco. Lecco contains all the essential food elements required by grass to develop healthy growth and to maintain its true texture and color.

The use of Lecco, Mr. Carrier claims, makes the expensive and disease-infected compost pile wholly unnecessary. The compost pile contains an unknown quantity of good and bad matter invariably infested with fungus diseases and turf pests. Lecco, on the other hand, contains just the proper food for grass in the correct proportions—and it is completely free of any kind of fungus or pests.

Many greenkeepers who have adopted Mr. Carrier's methods of turf maintenance are particularly successful. They claim that Lecco has done for turf what the balanced ration has done for dairy herds; that Mr. Carrier has substituted science for the "guess" system of turf fertilizing.

Of equal importance to the better turf movement is Mr. Carrier's discovery of Cocoos creeping bent. Genuine Cocoos bent is a seaside variety of grass. It is botanically known as *Agrostis Maritima*, but all varieties of *Agrostis Maritima* are not Cocoos.

The genuine Cocoos was discovered, after years of search by Mr. Carrier, in the Coquille Valley in Oregon. He instantly realized that it combined, as no other grass, the exact qualities of a putting green turf. Famous California courses were the first to prove its value.

See Us at the Show

Representatives for

The Toro Line

Friend Sprayers

Economy Sprinklers

Standard Equipment

Milorganite

**Koppers Sulphate of
Ammonia**

Golf Course Supply Co., Inc.

3049 Carnegie Ave. Cleveland, Ohio

A. E. Flack, Pres. H. J. Streich, Secy.-Treas.

THE PERFECT GOLF COURSE SPRINKLER
COVERS GREATER AREA
THAN ANY OTHER TYPE



GOLF KING No. 6

SPRINKLERS

SNAP VALVES

The Preference for

BUCKNER SPRINKLERS

AND SELF CLOSING VALVES

wherever golf is played is born out of recognition by leading greens men of their definitely superior performance over a period of many years.

BUCKNER MANUFACTURING CO.
FRESNO, CALIFORNIA

*(Pioneers in Golf Course Irrigation. Originators of
Hoseless System)*

Hyper-Humus

**A Super Quality of Natural Humus
A Cultivated, Prepared Soil Organic**

Use it as a compost for top dressing established greens.

Mix it with top soil and sand for foundation of new greens.

Hyper-Humus is not dug raw from our deposit at Newton but is scientifically produced by cover cropping and cultivating of the upper six inches only to produce a top notch humus true to name—a pure soil organic. Disease free—clean, odorless, pleasant to use.

100 pounds will retain 190 pounds of water. So insure your greens and fairways this Spring against a repetition of the famous 1929 drought.

Write for literature and our special suggestions to greenkeepers gained by actual operating experience.



from **HYPER-HUMUS COMPANY**
48 Park Place - Newton, N. J.

Newton-New Jersey

Flooded Fairways

Nothing so much provokes the golfer, already chafing under a long winter's restraint, as to have his spring entry upon the course delayed by flooded, sodden fairways. You can't stop spring rainfall so there is only one thing to do—get rid of the water, quick!

The Key to the Situation

Leave it to Nature, if you want to; but better, beat her at her own game! Progressive clubs everywhere are doing it—compelling that surplus water to run off at record-breaking rates by employing

Engineered Drainage

which is a practical application of scientific principles whereby surface and soil water is removed extra expeditiously, leaving the turf with that springiness that delights the golfer's heart.

Play Weeks Earlier

Don't waste a single day of golfing weather. Don't let another spring catch you napping. Engineered drainage will help you get on your course weeks earlier—it's being done on other courses, everywhere. Our booklet tells you how to do it—write for it NOW!

Wendell P. Miller and Associates

105 W. Monroe St., Chicago

85 E. Gay St., Columbus, O.

Consulting Engineers

Drainage - Irrigation - Turf Development

Since then scores of inland clubs have used Cocoos to develop greens of beauty and texture that rival those in California.

Seed of the genuine Cocoos bent is very scarce. Last year the supply was exhausted before half the orders were filled. This year Mr. Carrier is making every effort to meet the ready demand.

Milwaukee Sewerage Commission

508 Market Street
Milwaukee, Wisconsin
BOOTH NO. 34



THE Milwaukee Sewerage Commission, manufacturers of Milorganite turf fertilizer, will occupy Booth No. 34 at Louisville. Mr. V. K. Kadish, Business Manager, and Mr. O. J. Noer, in charge of their Service Bu-

reau, will be in attendance again and will be glad to meet old friends and welcome newcomers at the Convention.

It is planned to exhibit a series of colored enlargements showing some outstanding golf holes which it is hoped will be of general interest.

More than 10,000 tons of Milorganite were used to fertilize golf course turf during the past year, and it is believed no other turf fertilizer can point to such a record. Mr. Kadish says that all indications point to even a larger demand during 1930.

The Sewerage Commission is gratified with the enthusiastic reception Milorganite has received and assures old and new customers that the prompt service rendered in the past may be expected during 1930. While ample reserves have been accumulated, Mr. Kadish suggests that spring shipments be anticipated as early as possible so that shipping schedules may move forward without interruption.

The outstanding development of 1929 has been the increased use of Milorganite as a carrier for arsenate of lead in those areas where control of grubs, weeds, and worms has been necessary. In this connection Milorganite, of course, serves the dual role of ideal carrier for the arsenate and furnisher of necessary plant food as well.

Many clubs have expressed appreciation for the service in helping devise rational fertilizer programs. This will be continued in the future, and the representatives in attendance will gladly discuss fertilizer and turf maintenance problems with club representatives and greenkeepers.

American Seed Company

Detroit, Michigan
BOOTH NO. 41

THIS well known Detroit concern will exhibit a line of golf course equipment featuring especially the Chamberlain Hole Cutter, which is one of the chief articles of their line.

Scott Will Report Convention

In line with a suggestion made by one of the members of the National Association of Greenkeepers at the Buffalo Convention last year, the O. M. Scott & Sons Company of Marysville, Ohio, are making plans to publish a report of the Louisville Convention for general distribution to all the golf clubs in the United States and Canada.

This bulletin will contain condensed reports of all the speeches with special emphasis on those which bring out something new in turf research.

Every effort will be made to compile this report and mail it as soon as possible after the meeting so that golf club officials and members will have a good opportunity to see for themselves just what the National Association of Greenkeepers is doing to better their profession.

If any greenkeeper would like to have this report sent to his Green chairman or anyone else, all that is necessary will be for him to hand in the names and addresses at the Scott exhibit in the Golf Show.



CHAMBERLAIN HOLE CUTTER

The Chamberlain Hole Cutter is said to be a distinct improvement over other cutters now in use. The cutter shell has a serrated edge which allows easy, clean cutting. It is hardened sufficiently to insure extra long wear but it is not so hard that it will chip or break. It can easily be touched up with a file when necessary.

The foot plate is bar steel $\frac{3}{8}$ in. thick by $1\frac{3}{4}$ in. wide, and 5 in. long, making bending impossible and allowing ample foot rest. The extension rods work freely at all times, due to the design and sturdy construction. Furnished with varnished hard wood handle.

I. L. Radwaner Seed Company

115 Broad Street
New York City
BOOTH NO. 16

THIS company in its exhibit at the Greenkeepers' Show will specialize in bent grasses, meaning the Prince Edward Island bent which they have been advocating and selling a great deal of in Canadian government sealed bags—the Coos County Maratime or Seaside Bent in sealed bags—the New Zealand Grown Brown Top or Rhode

BENT GRASS SEED

Nine-tenths of the seed offered by seed dealers invariably is of foreign origin and often is not acclimated to the severe variable climatic conditions of our northern states. SHOULD AMERICANS PLAY THEIR GAMES ON "GERMAN, NEW ZEALAND OR CANADIAN" GRASS WHEN THEY CAN PURCHASE SEED, THAT PRODUCES THE SAME KIND OF TURF, FROM AMERICAN FARMERS WHO GROW IT?

KINGSTON

A. N. PECKHAM

RHODE ISLAND

"Every penny of waste between farmer and consumer that we can eliminate will be a gain both to the farmer and consumer."—President Hoover

10 YEARS
of Furnishing
SEED
Direct from the
FARMS
Where it grows
to you

Island Bent—and the South German Mixed Bent.

They will also exhibit some true Velvet Bent and will offer small samples to those who wish to take a few ounces of the best Bent grass home with them gratis. The ex-

hibit will also include golf grasses like fescues, etc.

Mr. Fred S. Radway in charge of the exhibits will cheerfully explain usage, adaptability and any other information regarding domestic and imported grasses.

Roseman Tractor Mower Company

810 CHURCH STREET

EVANSTON, ILLINOIS

BOOTH No. 52



ROSEMAN MODEL "A" TRACTOR WITH DUMP BODY

THIS company will exhibit a Roseman tractor and a single Mower Unit in its booth at the Louisville Convention.

The feature of the Roseman Mower is the fact that it is carried on a light hollow roller instead of side wheels, which the makers claim more evenly distributes the weight, prevents scalping of the turf and gives a smoother, finer turf on the fairways. They show figures to prove that the Roseman Tractor and Roseman mowers exert less pressure per square foot than does the player on the course.

The Roseman Model "A" tractor defines the best qualities of the new Ford car and is very sturdily equipped with a special rear end or tractor attachment. It is equipped

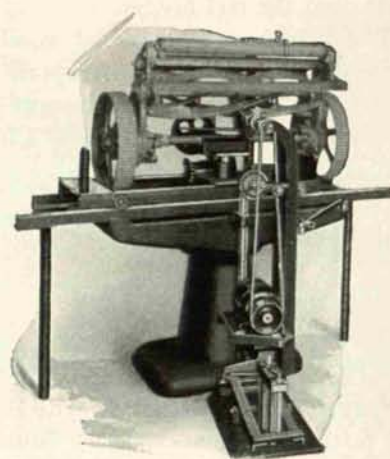
with a dump body which is quickly removable and has all the simple and well known features of the new Ford car.

Henry H. Doty

Highland Park, Illinois

BOOTH No. 42

HENRY H. DOTY will have a Hardinge Lawn Mower Sharpener in constant operation—grinding reels in putting green and fairway mowers—Worthington Herringbone reels in the machine and when removed from the machine. Mr. Arthur Johnson will show how to grind a Worthington fairway mower bed knife without removing the bed knife from the machine.



HARDINGE MOWER SHARPENER

The Hardinge 1930 model has many points of superiority over the 1929 model shown at the Buffalo show. The base and track casting prevents any vibration in operation.

The carriage vise makes for greater ease in handling mowers and bed knives and the adjustments are very rapid and simple. This vise has a horizontal adjustment of 5" and vertical of 4", with a jaw opening of 4", thus giving ample range for all types of mowers.

The swinging motor bracket has a vertical adjustment of 2 3/4" and makes it no longer necessary to swivel the carriage track to secure any angle desired. 4" cup wheels are used when grinding 30" mowers—3 1/4" for smaller models. A 1/4 horse power enclosed motor attached to any electric light socket provides ample power for any job.

With the Hardinge grinder many bed knives that would otherwise be discarded can be sharpened and trued so as to give many weeks more wear. Any desired bevel can be given reel blades by simply moving the carriage vise up or down.

The cup-shaped grinding wheel as used in the Hardinge Lawn Mower Sharpener is the only form of grinding wheel the makers claim that will grind the three places on

any type of lawn mower that must be ground to put the machine in first-class cutting condition—they are the front edge of the ground blade—inside surface of the ground blade, and the reel blades.

The Hardinge is made of good material, well put together—cannot get out of order—is easy to operate—and turns out a finished job in a few minutes.

Ohio Humus Products Company

London, Ohio
BOOTH NO. 38

A COMPLETE miniature laboratory for testing soils will be the feature of this exhibit. Both Mr. James A. Smith, president, and Mr. Wright McCallip, engineer, will be on hand to test soil samples for greenkeepers and golf club officials who have been invited to bring samples to Louisville for that purpose.

This company sells "Windrift" hardwood humus, a natural product with unusual moisture-retaining properties and completely free from weed seed and other objectional material. "Windrift" humus is used as a top dressing and also for working into the seed bed of new greens where a proper soil condition is desired. While it is not a fertilizer itself, it assists the action of fertilizers, provides the necessary porosity for healthy plant life and insures against caking of the soil which so often occurs on putting greens that are heavily played upon.

With the use of "Windrift" humus the springy feeling of the putting green is always present, and with its moisture retaining properties it is only necessary to water half as often to keep a healthy, vigorous turf.

Buckner Mfg. Company

FRESNO, CALIFORNIA
BOOTH NO. 39

THESE pioneers in golf course irrigation will have a very interesting exhibit of sprinkler equipment featuring especially their Number 7 Golf King sprinkler,

which is one of the new models to be offered golf clubs this year.

The new Golf King No. 7 is mounted on a roller stand and has built into it the water vibration control which has been so phenomenally satisfactory on the Golf King No. 6. It also has the positive slow motion control and is very compact

and durable.

The Buckner Company have specialized in entire golf course irrigation and Mr. W. A. Buckner, head of the company, will be present in person to explain the features of fairway sprinkling and the many economies which have been effected in cost and maintenance.

Jacobsen Mfg. Co.

Golf Dept. 11

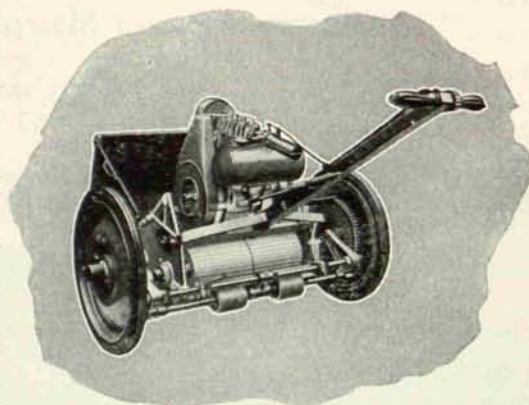
Racine, Wisconsin

BOOTH NO. 25

THE greenkeeper athirst for ideas on equipment that is going to enhance his ability and reputation as an artist in his calling, is going to be interested in the display of Jacobsen Power Putting Green mowers and their various features, attachments and new improvements.

Booth 25 will show this exhibit consisting of a Jacobsen 19" mower with patented power transport and greens brush attachment. There will also be a Tee and Approach type of mower, all distinctively Jacobsen in that they embody the very latest ideas of a firm of power-mower engineers who for ten years have been leading the power lawn mower industry on to new and better things.

Of outstanding interest are the advanced ideas embodied in the airplane aluminum lightness of its major casting and the evenly dis-

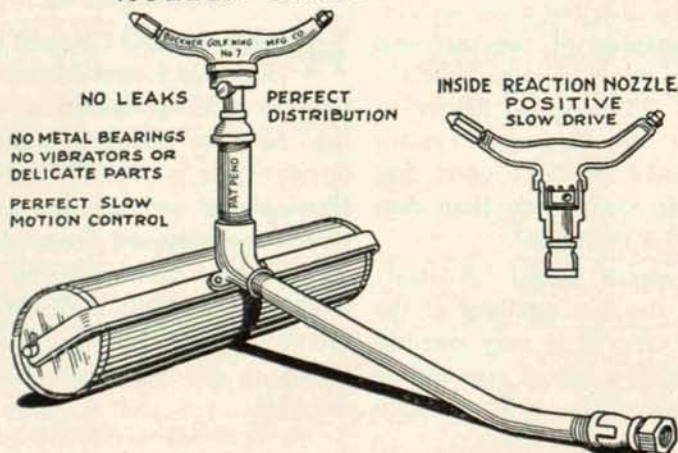


JACOBSEN GREENS MOWER ON TRANSPORT

tributed weight of the new Jacobsen on its broad rollers which exert no greater pressure on the green than a human foot. The Jacobsen will not mar or scar the finest green.

Of interest, too, is the brush attachment which lifts the matted grass to where the blade can reach it, in fact it prevents such a thing as matted turf and brown spots in the green, aerates the soil, and performs an invaluable service in taking the place of a hand rake in

GOLF KING NO. 7 ON ROLLER STAND



working in the top-dressing. This power mower, in fact, performs multiple duties in cutting, brushing, working in top dressing and rolling the green.

Great ease and rapidity in turning is afforded by the auto-type differential, and the handy independent clutches which control both the traction and the cutting units. The power cart affords a convenient method of transporting the mower to and from the greens.

The "Estate" Jacobsen is the Tee and Approach mower which is the iast word in mechanical perfection, a smaller brother of the Putting Green model, suited for trimming the edge of greens and close work at tees and approaches. Probably no better example of power mower perfection has ever before been exhibited at our greenkeepers' conventions than can be seen in the Jacobsen display.

H. B. Sherman Mfg. Company
Battle Creek, Michigan
BOOTH NO. 37

THIS company plans to show in actual operation one of its Sherman Portable Spray Heads, which are designed for connecting in series to create a flexible and movable sprinkling system.

In other words with a series of Sherman Spray Heads an entire green can be sprinkled with a fine misty spray in one operation. The number of heads permissible in a single assembly depends on water volume and pressure. The company states that with $\frac{3}{4}$ inch pipe at the outlet-box and good pressure as many as six heads will operate effectively.

With a Sherman Spray Head it is not necessary to move the sprinklers and the green can be thoroughly watered without fear of "puddling," because fine spray gives an equal distribution of water and there is no waste.

This company has other hose fittings including couplings, clamps, menders and reducers and also a

Diamond nozzle of heavy wrought brass of unusual strength and durability.

National Mower Company

839 Cromwell Avenue
at University
St. Paul, Minn.

FOR the first time the National Mower Company will exhibit at the Louisville Show a new type of mower for golf course work which is radically different from any other on the market.

The departure made from the usual system of cutting is that the reels are all operated by power direct from the engine. Heretofore, it has been necessary to put enough power into the ground through the drive wheels of a tractor to cause the turf to rotate all of the drive mechanism of the mower on top of the strain of the cutting knives.

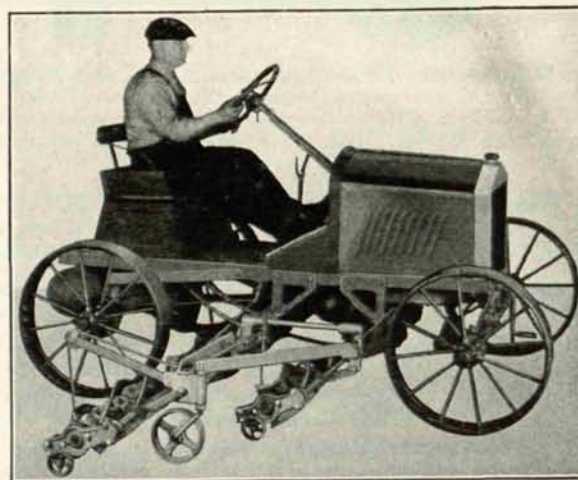
Where the knives are driven direct from the engine, the tractor has a much simpler task of just moving its own weight, the same as would an automobile. This makes possible far lighter mechanism in the drive wheels and shafting which gives less weight on the turf and removes from the sod the burden of operating the mowers.

The mowers themselves are much simpler. The revolving reels and bed knives are the same as are used at present, but there are no gears, ratchets, or drive wheels. To overcome a trouble which would arise if the reels were to lock upon a rock or heavy piece of material, there are slipping clutches which are gauged to slide at approximately the same point at which the mower drive wheels under the older arrangement would slide.

Ingenious arrangements of drives are made so that the mowers assume

the contours of the ground even though they are quite irregular.

A cutting unit consists only of a



NATIONAL'S NEW FAIRWAY MOWER

reel, a bed knife bar, and a front cross brace which makes it very simple for resharpening as there is no mechanism for opening up or tearing apart. Extra cutting units which weigh only about sixty (60) pounds can be easily attached to replace any unit injured or which is dulled by striking obstacles.

L. R. Nelson Mfg. Company, Inc.

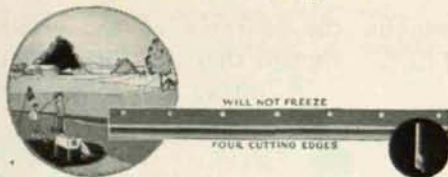
Peoria, Illinois
BOOTH NO. 44

THE exhibit of this company will consist of practically their entire line of lawn sprinklers, hose nozzles, garden hose couplings, menders and clamps. The most important feature however, of their exhibit will be their Lark Golf Sprinkler, which is very popular with greenkeepers, and attracts a great deal of interest on the part of visitors at the Show.

The Improved Lark Sprinkler is mounted on a roller base and sprinkles evenly up to 150 feet. It operates on any pressure and has a rotor valve which can be adjusted for either a coarse or fine spray.

Mr. M. A. Hoag and Mr. A. E. Giles will have charge of this exhibit and will cheerfully explain the many features of this company's line.

Budd Quick Change Blades



Mowers run easier, cut better and last longer with our stationary blades. New mower item in the budget will be decreased many times the cost of the blades. Ask your supply man or write for descriptive price list.

THE BUDD MANUFACTURING COMPANY
Ravenna, Ohio P. O. Box F.

Friend Mfg. Company

Gasport, New York

BOOTHS NOS. 17 AND 18

"Friend" Mfg. Company, Gasport, New York, are putting on the market for next season a power sprayer especially prepared for golf course use.

The "Friend" sprayer had a very successful season last year and reports from greenkeepers and golf course superintendents who use "Friend" sprayers are very flattering.

The use of the "Friend" sprayer in the application of soluble fertilizers, also insecticides and fungicides is worthy of investigation by everyone who is engaged in the growing of fine turf. The "Friend" illustrated catalog will be sent free upon request.

The Grasselli Chemical Co.

Cleveland, Ohio

BOOTH No. 45

EXPERIMENTAL work carried on for the past few years by the Grasselli Chemical Company, in co-operation with several well known Greenkeepers, resulted in the development of a complete fertilizer that meets the requirements of grass both

on greens and fairways. This fertilizer is sold under the name of Grasselli Grass Growers and contains 10 per cent Ammonia, 6 per cent Phosphoric Acid, 4 per cent Potash. Being purely mineral it carries no weed seeds or disease germs. This formula was decided upon after making many analyses of the grass cuttings, as well as the roots, in order to determine the percentage of various plant food elements they contained.

The Grasselli Chemical Co. also manufactures a complete line of insecticides and fungicides. They are in position to supply Arsenate of Lead that is used for the eradication of grubs and earthworms in greens and fairways. Owing to the location of warehouses in all of the principal cities, the Grasselli Chemical Co. is in position to make immediate shipment of your orders.

Golf Course Supply Company

3049-51 Carnegie Avenue

Cleveland, Ohio

BOOTH No. 50

THE Golf Course Supply Company, Inc., is entering into its 4th year of activity from its Cleveland office. They operate in the

Do you buy Grass Seeds by Quality or Price?

Let us quote you on your Spring Seeding, with Samples. Our Special Grass Seed Circular is free.

Henry A. Dreer Seeds, Plants, Bulbs

1306 Spring Garden St.

Philadelphia, Pa.

ESTABLISHED 1838

states of Ohio, West Virginia, western Pennsylvania and New York, and are extremely active in Pittsburgh, Buffalo, Columbus, Dayton, Youngstown and Toledo.

This company is territorial representative for the Toro Manufacturing Company handling the well known line of Toro Equipment, Friend Manufacturing Company, Economy Irrigation Company, and Standard Equipment Company. They are also distributors in their territory for Milorganite for the Milwaukee Sewerage Commission and Kopper's Dry Sulphate of Ammonia. They also carry a complete line of seed, fertilizers, and maintenance equipment and supplies.

Mr. A. E. Flack, who has been active in the golf field for some eight or nine years is President of this Company and Mr. H. J. Streich is Secretary and Treasurer. Mr. John Alves covers the territory for this company in and around Cleveland.

Atkins & Durbrow, Inc.

29 Burling Slip

New York City

BOOTH No. 30

THIS exhibit at the Louisville Show will be a demonstration of the merits of the GPM brand of

The Raining Sprinklers

The custom of all people of every generation on entering a room is to reach for the door knob.

This is the way we invite the visitors to the National Greenkeepers' Golf Show in Louisville, Kentucky.

Our exhibitors will give information on the special Sprinklers we manufacture for golf clubs that have proven so durable, economical, give an even spread, and have no equal for new seeding. They are adjustable to any water pressure.

Good service to customers. Write us

PELICAN WORKS - - Niles, Michigan

Golf Course Equipment

Everything for the Golf Course

TORO EQUIPMENT

ECONOMY SPRINKLERS

MILORGANITE

GRASS SEED

LAWN EQUIPMENT CORPORATION

MAIN STORE
601 W. Larned St.
Detroit

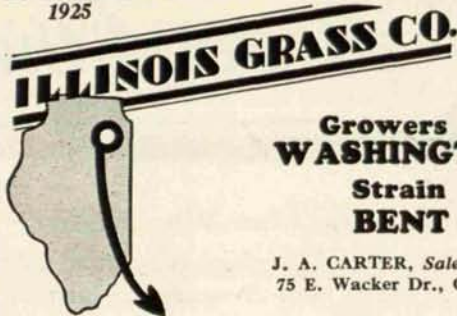
BRANCH OFFICE
256 Houseman Bldg.
Grand Rapids

Our business is built on Service

Guaranteed
Washington Strain
CREEPING BENT STOLONS
From Our Own
Nursery
Write, phone or wire for prices



Established
1925



J. A. CARTER, Sales Agent
75 E. Wacker Dr., Chicago

18455 Riegel Road
HOMewood, ILLINOIS

imported Granulated Peat Moss in connection with building and maintaining successful golf course putting greens. This product is an organic matter favored by many leading golf courses for greens construction.

Peat Moss has as its advantages over other organic material a slight acidity particularly favorable to the bent and fescue types of grasses with which greens are usually planted. Being very absorbent it holds a constancy of moisture about the plant root level without creating a plane or table of free water within the soil, thus lessening the need for frequent and heavy watering. It also makes an excellent carrier for concentrated plant fertilizers, and when used in conjunction with the commercial concentrates you secure a seed bed that is not impregnated with weed seeds, fungus growth or foreign matter of any kind. Thus the labor of weeding is largely eliminated.

Koppers Products Co.
Pittsburgh, Pa.
BOOTH NO. 20

ONE of the exhibits at the Louisville Convention, which is sure to attract lots of attention and

interest, is that of the Koppers Products Company, in Booth No. 20, featuring Koppers superfine, non-lumping Sulphate of Ammonia, specially prepared for golf courses.

Koppers Sulphate, its sponsors claim, is extra-processed, in addition to being kiln-dried and screened, so that all moisture-attracting elements are entirely neutralized or eliminated. It is always fine and dry like sea sand—and has met the instant approval of many internationally-famous greenkeepers.

Cooper Manufacturing Company

Marshalltown, Iowa
BOOTH NOS. 17 & 18

A SPECIAL feature at the exhibit of the Cooper Manufacturing Company, (Marshalltown, Iowa) during the Greenkeepers Convention and Conference this year, is the 20-inch Special Putting Green mower which is one of the items in their line of powered lawn mower equipment, all of which will be on display at Louisville, in Booths number 17 and 18.

A grass catcher and brush attachment are standard equipment on the Green mower, which also has a number of unique features. Pressed steel and aluminum construction make for strength and lightness, and the finely balanced design, with finger-tip control, makes it easy to handle.

Power transmission and the special differential roller, with positive drive forward, follow the same general design and principles which have made Cooper equipment so successful in the mower field, while independent clutches for both reel drive and traction roller, are also an important part of the makeup of the Green mower.

Louisville Exhibitors

SPACES 10, 12, 14, 49 and 51

The following Louisville concerns will also be represented—Jefferson County Retail Nurserymen's Association—Nursery Stock American Radiator Company, Louisville Branch—Cast Iron Pipe; Logan Company—park and golf course seats and benches; Price Chemical Company—Fertilizer; Chambers Seed Company.



TRACTOR WHEEL SPUDS

The R. H. wheel spuds save time installing and removing, they are made in many sizes for any type tractor or purpose. Low price and quality has been welcomed by Golf Clubs, in use on 2,000 clubs. Sample spud and circular on request; advise make of tractor and purpose used for.

(If your Ford or Equipment dealer cannot supply, write direct).

R. S. HORNER - Geneva, O.
Manufacturer of
Wheel Spuds, Golf Tractor, Golf Wheels
for Fordson and Trucks

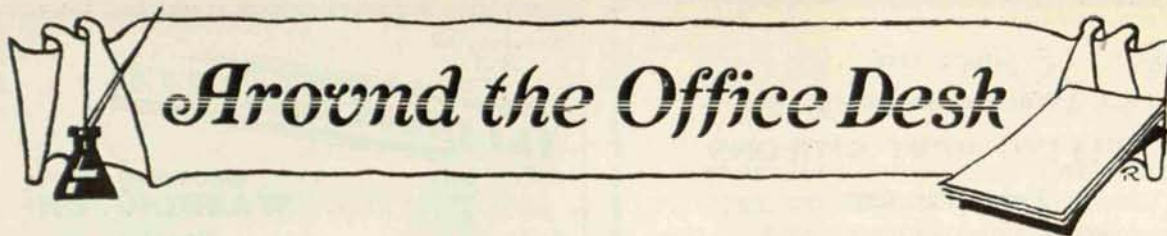
REFINED GRASS SEED AND COMPLETE EQUIPMENT FOR GOLF COURSES

Send for Catalog and Grass Seed Price List

Distributors
Worthington Mowing Equipment
Nu-Green Semesan

AMERICAN SEED COMPANY
DETROIT, MICH.

"Quality Grass Seed for a Quarter Century"



Why Not Ask the Man Who Knows

A GOODLY number of greenkeepers again attended the United States Golf Association Green Section meeting at Hotel Biltmore on January 10, 1930 and listened to some very interesting talks by Doctor K. T. Kellerman, Professor T. H. Hillman, Doctor John Monteith, Jr., and others.

The greenkeepers at large understood that this meeting was to be called at 10:00 A. M. and the great majority were there accordingly, but it was 1:00 P. M. before the chairman rapped for order, consequently the greenkeepers had plenty of time to compare notes and to discuss ways and means to improve their profession for the benefits to golf in general.

Approximately one hundred greenkeepers were present who have practically spent the best part of their lives in the business and upon whom the clubs depend to fulfill every whim that may develop. These men are combating conditions that baffle the scientists and are a constant worry to every golf club in America.

Actual experience has taught these workers the various tricks of their trade and necessity has compelled an unconscious mental development there, an abstract something that the average business man does not seem to realize.

Would it not seem logical, that among such a body of men, one would find ideas perhaps of tremendous benefit to all? Ideas that would revolutionize the old order of things and create something new and better. Such men with a real message to tell?

Many a science of yesterday is found on the junk pile today, simply because men think and it is to the practical thinking mind that we must look in order to find what is to be a concrete fact tomorrow and it is concrete facts we want and not visionary ideas, concocted by dreamers lacking practical experience.

Among the greenkeepers present were men who have experienced every phase of country club trouble, from the "Asiatic pests" to "Brown patch", from a depleted treasury to labor trouble, men, who had to overcome every phase of club grief in order to prove satisfactory

—still not one of those salaried men were on the speakers program.

By A. E. Lundstrom, Greenkeeper,
Crescent Athletic Club
Brooklyn, New York

Greenkeepers' Wives

NOW that the Wives of National Greenkeepers Association has been taken under the protectorship of the National Association of Greenkeepers of America we should have a new incentive for every member to work by getting new members and going to the Convention at Louisville, Kentucky.

We have been promised a good time by Mr. Davies, beside we will have a great deal to do—election and revising of by-laws. These will have to be drawn along the lines of the National Association.

Let us get together ladies, and show the men how much we appreciate the honor they have bestowed upon us. Let us work and make the Wives of National Greenkeepers worthy of the name we bear. If we take the National Greenkeepers Association as an example, we should go far indeed when we see what they have done in so short a time.

We do not want our association to deteriorate into a "pink tea" affair, but we want to become something really worth while. We need a full force in attendance at Louisville, so that everything can be thoroughly threshed out. We need every member's opinion.

As our vacation comes in the winter in this climate owing to the profession our husbands and sons follow, what would be nicer than a trip to Louisville, Kentucky to attend the Convention and take in the wonders that Louisville and vicinity are noted for.

Those of the ladies who have donations of needlework for our bazaar, kindly send them to Mrs. Herbert Shave, 864 Ann Street, Birmingham, Mich., or to Mrs. Emma Johnson, Lock Box 26, Redford, Detroit, Mich.

Mrs. Julia Varn Hagen, President,

*Address all communications relating to
Association membership, dues, etc., to--*

JOHN QUAILL, Secretary
426 Highland Avenue
West View, Pittsburgh, Penna.

*Address all communications relating to the
Golf Show at Louisville, February 4-7, 1930 to--*

FRED A. BURKHARDT
Chairman, Show Committee
405 Caxton Bldg., Cleveland, Ohio