

ing brown-patch, and his presence added in no small measure to the pleasure and instructive interest of a thoroughly enjoyable day.

## Mid-West Greenkeepers Association

*Minutes—June 6th*

THE first outdoor meeting of the Mid-West Greenkeepers Association was held at the Olympia Fields Country Club, Matteson, Ill. on June 6th at 10 A.M. It was the extreme privilege of these members who attended this meeting to spend a very pleasant day reviewing one of the largest golf courses in the United States under the guidance of Mr. Fred Kruger, the superintendent at Olympia Fields.

The opportunity was given the visiting greenkeepers to view five different varieties of greens, poa annua and poa trivialis in the seed sown greens and Virginia Bent, Flossmoor and Washington in the Vegetative Bent greens. The subject of the upkeep of these various types of greens was interestingly discussed by Mr. Kruger and in this regard, it is worth while mentioning that Mr. Kruger has shown himself to be one of the most competent greens superintendents in the golf course field. His intelligent discussions of his methods and system of budget used in maintaining these four golf courses which make up this great institution of Olympia Fields proved this beyond question.

A talk was given by Dr. Seaman on soil problems encountered by a number of greenkeepers of our district. One of the problems under discussion, so much in the limelight, was that of "brown-patch."

Luncheon was furnished by the courtesy of the Olympia Fields Country Club to the 35 visiting greenkeepers and a motion was made that we issue a vote of thanks to the chairman of the club and to Mr. Kruger for helping to make the first outdoor meeting the Association has held a very successful one in furnishing the members with practical information as well as exchange of ideas.

The next outdoor meeting will be held on June 20th, at the Chicago Golf Club, Wheaton, Ill.

Respectfully submitted.

Ed. B. Dearie, Jr.

Secretary.

### *Oakmont Draws Visitors*

"I NEVER saw such fairways as I saw at Oakmont Country Club," was the report of one of the members of the Cleveland Association of Greenkeepers, after his return with the local group from a visit to the famous Oakmont course on June 5.

"Not a weed. Just grass and plenty of it. And traps? You ought to see them, the way they're kept, and they are big ones, too." On he went to the greens, and the putting surface at Oakmont is the best evidence possible

of the fact that Emil Loeffler is ready for a big tournament any time he is called upon.

Both the Greenkeepers Association of Western Pennsylvania and the Cleveland district group have paid their respects to the scene of the 1927 open.

On June 3 the greenkeepers of the Pittsburgh district inspected the course with Mr. Loeffler.

### *Philadelphia Meeting of May 9*

*(Minutes)*

THE regular monthly meeting of the Philadelphia Association of Golf Course Superintendents was held on May 9th, 1927, at the North Hills Country Club.

The Course was in excellent condition and quite a few of our members availed themselves of the opportunity to play a round of golf.

Twenty-four members sat down to dinner, which was served at 6 o'clock P.M.

Just before the meeting was called to order President Evans gave an interesting five minute monologue.

The meeting was called to order by President Evans at 7:30.

The minutes of the previous meeting were read and approved.

It was moved and seconded, that bills for dues be sent delinquent members, and that failure on their part to pay their dues within thirty days would result in their suspension. Also, in the future all members who are in arrears sixty days from January 1st of any current year will be suspended after due notice has been given the delinquent.

Motion to procure one hundred new membership cards was approved.

We next had a general discussion on the use of calomel on bent and seeded greens, also the proper way to apply bichloride of mercury with the top dressing of greens.

Mr. King, chairman of the Green Committee of the North Hills Country Club, was next called on for a short talk, and he said that our organization was the best thing that ever happened, and that all the clubs are greatly benefited by reason of the Golf Course Superintendents getting together and exchanging ideas.

The June meeting will be held at the Bala Golf Club on the second Monday.

The meeting then, on motion, adjourned at 8:45 P.M.

E. T. Young,

Secretary.

### *Cleveland Greenkeepers Meet on July 11*

THE Brookside Country Club at Canton, Ohio, has been offered the Cleveland group for their July meeting. Charles Jarman, greenkeeper at Brookside, has signified that a large attendance will be prepared for. The feature of the meeting is a demonstration of various chemicals for the control of ants and grubs.

# *Responsibility Develops Executives*

By JOHN MORLEY

President, National Association of Greenkeepers of America

THE responsibilities of a greenkeeper are many, and if I should be asked during the playing season, "How many are there?" I would state that they are of 57 varieties.

There are a good many responsibilities that are often thrown upon the shoulders of the greenkeeper which do not really apply to his calling in life.

Whenever anything goes wrong with the water system in the clubhouse, the first thing done is to send for the greenkeeper to see what is wrong in the pump-house. Let the chairman of the House committee visit the basement and find it to be full of barrels of ashes, tin cans, etc., and again the responsibility is placed upon the greenkeeper for not having a truck to haul it away. Let the shrubbery grow high enough to obstruct a good view of the golf course, so that members and their guests cannot see the course while sitting on the veranda, and the greenkeeper is again held responsible for not keeping the shrubbery trimmed.

Should he fail to keep the ground, drives, garages and sheds in good condition, he is liable to receive complaints from the president of the club.

## *Green Keeper Has Many Duties*

The greenkeeper is usually held responsible for the tennis courts. It often happens that after working hours we get a heavy rain. After the rain has ceased, but before the courts are dry, several players will go on them and fill them full of small holes while playing. The next morning when the younger tennis players go out on the courts they find them in a deplorable condition. As usual, they blame the greenkeeper.

Where the club does not employ a competent man to take care of the flowers around the clubhouse, it generally falls to the lot of the greenkeeper to care for them, and no matter how carefully he selects appropriate flowers, there is always someone blaming him for using poor judgment in his selection.

While it is true that the greenkeeper is under the supervision of the chairman of the Green committee, who has the power to hire and discharge him, yet he often has to take instructions from others, from the president to the humblest member of the club.

## *Diplomacy With Club Members*

A greenkeeper must at all times use diplomacy. He should realize that the club is the second home for most of the members; that financially all have an equal interest, and that all feel they have a right to some consideration. But under all circumstances the greenkeeper must

bear in mind in accepting orders or suggestions from anyone other than the chairman of the Green committee, if in his judgment they are of sufficient importance they should be taken up with his chairman.

A greenkeeper should as far as possible endeavor to lighten the burden of his superior officers, especially when he comes to the club to play golf. He should be able to solve the little petty problems and grievances that daily occur.

## *Relieve Chairman All Possible*

If a greenkeeper is indifferent to his responsibilities, they often form a heavy burden upon the chairman of the Green committee, for then the chairman has to shoulder all cares and complaints. Here is a sample of what was received in a letter from the president of one of the western clubs, "Our green committee has been looking after our grounds and greens for two or three years, but it is too much to ask for anyone to do the work indefinitely, so I thought if we could get a good first class man that understands the care of a golf course in all its ramifications we would be pleased to hire such a man." This is only one of many clubs that are looking for greenkeepers who will assume practically all responsibilities outside of the club house.

## *Arouse Interest Among Workmen*

The greenkeeper must know how to hire men and secure a fair return in labor from them. He should know how to select men of various callings, as far as possible, some with mechanical training, some who have had experience in farming and gardening, and a few who enjoy digging ditches. He must have the ability to get the most out of these talents, and have them work together in harmony.

The rush of work on a golf course should be accomplished in the forenoon. I never expect my men to keep up this gait all day, but I encourage them to hustle in the morning hours, so that the course is in good shape for the members in the afternoon. After noon I generally find some lighter work for the balance of the day and try to impress upon the men never to give any of the members while playing an opportunity to report them loafing.

I try to teach them to take an interest in their work, so that in time they may be capable to take charge of another course. I try to show them my appreciation by enlightening them on all angles of greenkeeping, and no matter what my loss may be in giving up a good man, when I am convinced he is fully able to take a position

in greenkeeping, I have no difficulty in securing one for him.

I believe my methods pay well, for I realize they help reduce my responsibilities so far as labor is concerned.

In dealing with the responsibilities of the greenkeeper, so far as services are concerned he is expected to be very liberal, but when it comes to financial return for those responsibilities, he is expected to be very conservative. This also shows up in his responsibility in expending the appropriation allowed for the maintenance of the course. The financial responsibility of a golf course used to rest chiefly with the Green committee, but now the greenkeeper is held partly responsible.

The modern method is for the greenkeeper to work under a budget system, allowing so much per year for maintaining the course, and fixing separately each item of expense. I believe this is a good system for a greenkeeper to work under, providing he does not try to use too much false economy in order to show how much less he has spent than the budget calls for.

Service is the main thing, and should be the chief aim of the greenkeeper. If he keeps as closely as possible to the budget allowance, he will eventually find that it pays.

#### ***Before and After War Maintenance Costs***

Of late there has been a great amount of discussion

regarding the heavy cost of running an eighteen-hole golf course, but you do not find anyone giving the real facts, which show that wages, machinery and costs of all upkeep have advanced over 70% since the World War. Still the cost of maintaining a course today is very little more than it was before the war. Greenkeepers, especially those who have the confidence of the officials of the club, have been able to cut many rough corners. They are making their own humus; they are not wasting grass seed, in fact I know of many greenkeepers on well established courses who do not use any seed; they are motorizing their courses, and are using hand labor to better advantage.

Conditions for the players are 100% better than they were a few years ago. This demonstrates that greenkeepers are keeping step with the times. While I regret that there has been a tendency to take away from the greenkeepers their responsibilities as to finance, I am of the opinion that this is only temporary. Instead of taking responsibilities from him, give him more. Show him that he has the confidence of the club officials. One of the most tangible assets an official can give to his club is to create conditions that will make the greenkeeper more of an executive.

## ***Look Before You Seed!***

*(Continued from page 10)*

in appearance and usually much cheaper. If the Kentucky blue grass should be adulterated with Canada blue grass and is not guaranteed or tested, there will be more breakers ahead for the unwise from a maintenance standpoint.

#### ***Red Top and Mixed Bent***

Most of the red top used commercially is grown in Southern Illinois, and if bought with a purity of 90% or better, good results will be sure to follow.

The South German mixed bent presents a more difficult problem however. It is a first cousin of red top and usually rather expensive. Most of the South German mixed bent imported into this country has a purity of 70 or 75%. The major part of the impurities is chaff. After the Red Top is cleaned to grade 90% or better, there is a quantity of screenings containing some red top and these screenings are sometimes used to adulterate the bents. None but a highly trained seed analyst can detect such an adulteration.

#### ***Bermuda Grass***

In the old south and as far north as the southern half of Pennsylvania, Bermuda grass is the most common grass used for fairways and greens. As this grass does not seed to any great extent in a moist climate it can be planted vegetatively. There are a number

of strains, but the one best suited for putting green surfaces is called the Atlanta strain. In the Imperial Valley, California, and in the irrigated sections of Arizona, Bermuda grass is a very bad weed. The climate in this section is very dry and the grass seeds readily. The seed gets into the irrigation water and spreads over the farming area. Unless kept under control, it causes serious loss to the farmers. The seed resembles timothy seed and is often adulterated with that seed, as timothy is commercially much lower in value. Bermuda grass also seeds in Australia and the seed is imported into this country from there.

#### ***Do You Know Kikuyua?***

Kikuyua grass (*pennisetum clandestinum*) is also another stoloniferous grass that can be vegetatively planted and, although still in the experimental stage, it has been found to do well as a fairway grass in California and Florida. So far, there is little or none of this seed produced commercially.

#### ***Have Seed Analyzed***

Most of the states maintain very efficient seed testing laboratories and are always glad to aid the people in their state. If the seed dealer knows that you demand seed true to name and high in germination, with

# The Market Place

## Brushing Bent Greens

IT is only of recent date that greenkeepers have recognized the necessity for raking or brushing up the runners on vegetative greens in order to prevent a grainy putting surface. One of the best pieces of equipment for this purpose which has been brought to our attention is the MacGregor Compost Brush. It is light and easily handled, and the brush of good wearing quality. Whenever necessary, the brushes may be replaced at small cost. John MacGregor, greenkeeper at the Chicago Golf Club, made one of these brushes for his own use, and because of the demand from other greenkeepers of his district, he began manufacturing the brushes along with his well-known compost distributor. Full description of both distributor and brush will be sent to any reader on request from the MacGregor Compost Distributor Co., Box 717, Wheaton, Ill.

## Samples of Grass Seed

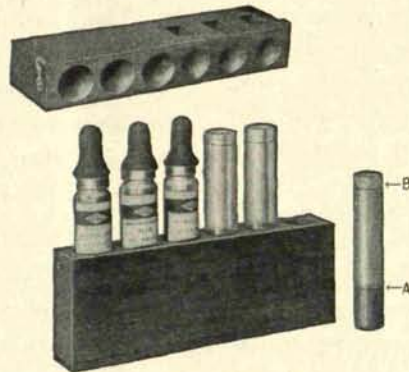
ON account of the cold and rainy spring, we have had a surprising number of orders for golf courses, parks and cemeteries so far this year," writes Mr. Radway of the I. L. Radwaner Seed Co., 11 Water St., New York.

Mr. Radway further states that his family has been importing fine grass seed since 1875, and his company will be glad to send any greenkeeper a large sample of New Zealand fescue and South German mixed bent to try out in nursery beds.

## Testing Soils

THE first requirement of a greenkeeper is to have a good knowledge of his soil. First know your soil,

then give it what it needs. A small soil testing set which has been highly recommended is the Kenny Indicator Set, manufactured by the LaMotte Chemical Products Company, McCormick Building, Baltimore, Md. This little set is accurate and simple in



The Kenny Indicator soil testing set pictured above is a practical aid to the greenkeeper

principle. A postcard will bring to you a booklet describing several testing sets manufactured by this company, but we would suggest that the Kenny type is the most satisfactory of this company's products for the practical greenkeeper to use.

## Bent Needs Close Cutting

VEGETATIVE bent greens have so grown in popularity that we have had an unprecedented demand for the new aluminum roller Super putting green mower," writes Mr. J. H. Bonbright of the Pennsylvania Lawn Mower Works. "It takes a very close-cutting mower to keep ahead of creeping bent, and our sales this year prove that the Super is filling the bill."

## Travelling Sprinklers

AT first glance some people think our sprinklers are complicated, and will get out of order quickly," writes Mr. Charles Dodd of the Economy Irrigation Co., 21 Spokane St., Seattle, Washington. "But after they are put to work, we don't hear so much about the trouble they are having as we do about the area these sprinklers cover without being moved."

If you have seen no demonstration of the Economy sprinkler, we would suggest that you write this company and ask if arrangements can be made to show you one in operation.

## Fairway Watering

CHARLES ERICKSON, of the Minekahda Club, Minneapolis, in an article in this issue, tells of his success with the Toro fairway sprinklers, and our August issue will contain the story of a system manufactured by the Buckner Manufacturing Co., of Fresno, Cal.

The cost of patching and re-seeding fairways burned out in mid-summer from lack of artificial watering has long been an expensive problem with golf clubs in many sections.

## All Year Round Greens for the South

THERE have been some articles printed describing Poa Bulbosa, the new bulb grass, but none so complete as a story by Lyman Carrier which will appear in our August issue. Professor Carrier was in personal charge of the original development of this grass at Washington, and southern greenkeepers should look forward with interest to his article in the August number.

## Look Before You Seed!

a state or government check on the transaction, he will be very careful to give you only the best.

Every golf course has a shed or building with a floor that can be swept clean where the different varieties of seed can be mixed after they are received. The mixture can be most thoroughly made by placing the variety that contains the most bulk on the floor first, spreading it out in a square pile with a flat top. Then spread the next largest lot and so on, always keeping the top flat. After all of the varieties are dumped, shovel the pile over at least six times and the resulting mixture will be most satisfactory.

Look to the quality before you seed. Be sure of your source of supply and buy only the best. It is cheapest in the end. The best is freest from foul weed seed which lessens the maintenance cost for many years following the seeding.

## Don't Miss Back Numbers

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## Around the Office Desk



"ALLOW me to thank you for accepting this, my application for membership," comes from J. P. Truran, greenkeeper at the North Hills Golf Club, Douglaston, Long Island. "As regards writing an article on Bermuda and its Golf Courses in the near future, I will do so with pleasure, but you must first give me an opportunity to settle down in this great country of yours.

"Remember that I only landed here on April 14 of this year, and I do not quite know whether I am "going" or "coming" so to speak. The same atmosphere applies to the family.

"Nevertheless I feel that my start in life (after many years of travel and soldiering) as a greenkeeper in America, will turn out eventually to be a very happy proposition. I know you good people will wish me the very best of luck, and to be a member of your association I feel I am receiving the first welcoming hand."

Travelling, soldiering, greenkeeping in Bermuda, all have contributed to a personality that glows in this letter received from Mr. Truran. The association gains much in having him as a member, and we shall look forward to a description of his work on Bermuda golf courses.

"PLEASE keep my place on the Charter membership list, and I will send my check a little later," comes from one member, and a few others of the kind have been received. When we receive a word of this sort, we note on a member's record card, "Communicate before dropping from list," which insures a retention of membership in cases where payment of yearly dues must be deferred for a little time.

"I HAVE received the National Greenkeeper including May and June, and I feel I cannot afford to do without it, and hope to bring in other members from this district," is a message from A. J. Gillett, Harlem Hills Country Club, Rockford, Ill. There are two or three more members just as good as signed up.

### THE OLD TIMER

With sixteen clubs and a leather bag,  
New plus fours and monogrammed fag,  
Caddie in uniform, spick and span,  
He looked like a regular golfing man.

From the local pro a staggering bill  
Showed of golfing lore he'd had his fill,  
And Long Jim Barnes and Seymour Dunn  
Had helped him get golf on the run.

He owned some stock in the practice green,  
Where every day he could be seen;  
With knowledge he was weighted down,  
And he played each shot with a knowing frown.

He finally scored a hundred and ten,  
Got superior with the other men,  
Invited the jolt that knocked him flat,  
When a lean old man in a battered hat

And three old clubs in a rickety case,  
And bright blue eyes in a merry face,  
Walked up to him on Number One tee,  
And said, "Son, play this round with me."

He looked the old man up and down,  
From a prideful height, with the usual frown,  
And offered to play at ten a hole,  
Cocksure he'd knock him for a goal.

And on Eighteen he paid his bet,  
But his hand was trembling, cold and wet,  
And up his back he felt the chills,  
As the battered hat pelted high with bills.

The whisper was weak, but the old man's ears  
Were keen in spite of his seventy years,  
And he answered, "Who am I, you say?  
Why I was a golfer,—in my day."

—By Gertrude A. Farley.

"AUTOMOBILES and radios are being deserted for golf courses, and at least part of the blame may be laid upon your association for helping to make the greenkeeper's work interesting, easier and of increasing importance," comes from one of our advertisers who is thinking of giving up the manufacturing business to learn how to keep greens.

"I HOPE to see the association grow bigger from day to day. I have been a greenkeeper a number of years, and have been at the Elmsford Country Club, Ardsley, New York, for the past six years. I only heard of the association a few months ago, but I am very interested in what you are doing for us," Frank Grandolfi, greenkeeper, writes us. When we read this letter we were reminded of the convincing statement, "He lives a full life who serves."

WITH an article which was published last month in the Greenkeeper, we received a letter from Ed. B. Dearie, Jr., secretary of the Mid-West Greenkeepers' Association, as follows: "I appreciate the honor of writing for this wonderful magazine. I think the greenkeepers of the United States and Canada owe our honorable president, Mr. John Morley, a great debt of gratitude for having the foresight to start such an organ-



BROWN-PATCH, the bane of all greenskeepers, and the stumbling block to many a par score, need no longer be accepted as a necessary evil.

NOW, you can cure Brown-Patch almost as quickly as it sets in. You can even prevent its appearance throughout the entire season.

THE SECRET is USPULUN NU-GREEN. Never before has there been an effective and reliable Brown-Patch remedy. It will positively cure this dreaded disease in from three to five days—or prevent its appearance in the most humid weather.

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Agricultural Dept.,  
117 Hudson St., NEW YORK CITY



ization. I hope he will be with us for many years to come."

You, and all of us, Mr. Dearie.

"I HAVE been in this golf business over thirty years, but a man is never too old to learn, so I wish you would please mail me all the back numbers of the magazine. I enjoy it very much." This came from J. M. Rettig, of the Piskatee Golf Club, McHenry, Ill. No man is ever old who can still learn. We hope you can pick up a few hints out of this magazine, Mr. Rettig, but don't you think you can tell some of the younger greenkeepers what you have learned in thirty years of greenkeeping? We'll be listening.

"I AM most pleased with the National Greenkeeper. Just what was needed years ago. Up in this northern country greenkeepers learn more in the spring than any other time of year, and I have been very busy. I would like to have the magazine for April. Then I will have them all. I have had the same chairman for six years, which I hope is a good recommendation for me." This is part of a letter just received from Mr. Carl C. Pedersen, greenkeeper at the Cloquet Golf Club, Cloquet, Minnesota. Every line in his letter shows his love of the work he is doing, and the fine relations existing between his chairman and himself. There is absolutely nothing that holds so much of good to the membership of a golf club as such team-work between the chairman and the greenkeeper. The Cloquet Golf Club is to be congratulated.

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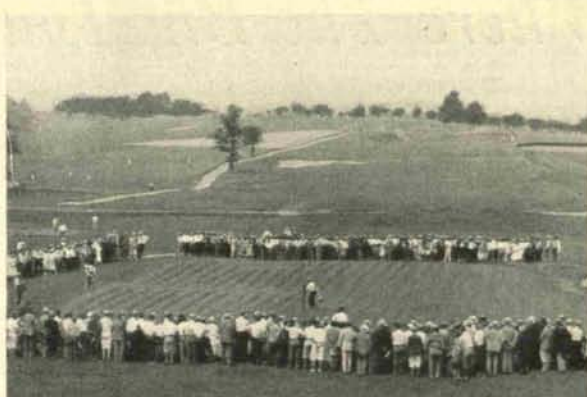
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Say you saw the ad in The National Greenkeeper



The 18th Green at Oakmont Country Club, Oakmont, Pa., where the U. S. G. A. Open Championship was held this year.  
Grass Seed supplied by the Stumpp & Walter Co. for many years.

## For the Most Enduring and Finest Turf Sow BENT GRASSES

Sow Bent on your Fairways and Lawns! The extreme fineness and beauty of turf produced from Bent Seed are well known and its superiority for use on the golf course is recognized, but owing to the high cost of this seed for a number of years its use was restricted to small areas, such as putting greens. Now that the cost is more in line with other grasses, it is practical to sow Bent on your Fairways and Lawns.

Carefully distributed, 100 lbs. of Bent Seed used alone will sow an acre of land. If used in a mixture with other varieties, such as Blue Grass, Red Top and Fescue, we advise that 20% of the mixture should be Bent Seed.

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## Grass Seed of Known Quality

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**South German Bent Seed.** A natural mixture of Bent Grasses, formerly and still known as Creeping Bent. Long recognized as the leading turf producing Bent. Produces turf of exceedingly fine texture.

*Fine Quality . . . 10 lbs. \$10.00, 100 lbs. \$75.  
Superfine Quality . . 10 lbs. \$12.50, 100 lbs. \$100.*

**Cocoos Bent Seed.** A strain of true stoloniferous (creeping) Bent, producing splendid turf of pleasing color and hard wearing quality.  
*10 lbs. \$22.50, 100 lbs. \$200.*

**Rhode Island Bent Seed.** (Washington Grown.) A pure strain of Rhode Island Bent Grass, of strong vitality, producing excellent turf, especially on moist land.  
*10 lbs. \$12.50, 100 lbs. \$100.*

**Colonial Bent Seed.** Identical as to seed and plant with Rhode Island Bent. We offer seed practically 100% pure. *10 lbs. \$12.50, 100 lbs. \$100.*

**Special Putting Green Bent Formula.** Contains a heavy percentage of Bent Seed. Use one and a half pounds to each 100 sq. ft. on new greens, one-quarter to one-half of this quantity for renovating existing turf.  
*10 lbs. \$8, 100 lbs. \$70.*

**Bent Stolons.** For those who prefer this method of establishing turf we offer Metropolitan and Washington Strains.  
*100 sq. ft. \$25.*

**Chewing's N. Z. Fescue.** Produces a delightful mat-like turf of pleasing deep green color. Suits almost all soils, especially of sandy nature. We offer true seed of heavy weight, high vitality. *10 lbs. \$5.50, 100 lbs. \$45.*

*Prices, on larger quantities of the above,  
or on other turf producing grasses, on request.*

**Remember:**—All our seeds are of the highest quality, obtained direct from the most reliable sources of supply and are botanically true to name. All seeds are new and are cleaned and re-cleaned until they are brought up to the highest possible state of purity and germination, special care being given to the elimination of weed seeds.

*Without obligation we shall be pleased to send a representative who, from long experience, is qualified to advise regarding grasses and furnish such other information as is necessary for the best results.*

# Stumpp & Walter Co

Specialists in Golf Grass Seeds and Equipment

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# Where The Big Tournaments Will Be Held

July 11—British Open Championship at **St. Andrews**, Scotland.

July 18-23—Western Golf Association Amateur Championship at **Seattle Country Club**, Seattle, Washington.

July 27-29—Buffalo District Golf Association Championship at **Wanakah Country Club**, Buffalo, New York.

August 2-6—United States Golf Association Public Links Championship at **Ridgewood Golf Links**, Cleveland, Ohio.

August 17-18—Irish Open Championship at **Portmarnock**, Ireland.

August 22-27—United States Golf Association Amateur Championship at **Minikahda Golf Club**, Minneapolis, Minnesota.

September 1-3—New York State Golf Association Amateur Championship at the **Oak Hill Golf Club**, Rochester, New York.

September 19-24—United States Golf Association Women's Championship at the **Cherry Valley Club**, Garden City, Long Island.

September 28—French Open Championship at **St. Germain**.

November 21-28—Professional Golfers' Association Championship at **Cedar Crest Country Club**, Dallas, Texas.

## SPECIAL QUALITY GRANULATED CHARCOAL FOR PUTTING GREENS

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## Is Poa Annua Good?

(Continued from page 8)

the surface creeping bent grass seed of which at that time there was plenty of good quality on the market. Not the kind that we get now. We thought we were dealing with a reliable seed house and at that time very few greenkeepers, including myself, knew very much about golf course grass seeds especially suited for putting greens. Instead of getting what we ordered most of the grass turned out to be poa annua.

It has been often stated that No. 17 green is my favorite green. This is not so, all my putting greens get my individual attention. But I am compelled to nurse it more than any other, otherwise it would soon be in an unplayable condition.

## Our Message to You

Some of you have seen Bent Nurseries, we wish you could all see ours.

More than five hundred greens will be planted with our Improved Washington Strain of Creeping Bent this fall.

Every bag of stolons furnished will be from absolutely clean nursery rows, free from clover and weeds and less than one year old. Not a drop of artificial watering or an ounce of fertilizer has been used on our nursery stock. You know what that means.

Talk and claims convince no one. Come and see our Nursery, see our equipment and let us tell you what we expect to do for the clubs who patronize us.

## BENT GRASS COMPANY HOOPESTON ILLINOIS

*"When there is a better strain of Bent, we will grow it."*

# Economy SPRINKLERS

RAIN  
when you  
want it

## The Only Sprinkler That MOVES ITSELF

The head of the ordinary sprinkler moves, but in the case of the Economy Travelling Sprinkler the entire sprinkler moves! The head of this sprinkler is attached to the end of 18 foot length of pipe—and it is this exclusive, patented feature which makes it possible to water a circle up to 160 feet diameter. Hundreds of the finest courses in America use it. Ideal for night watering because it keeps moving and requires no attention. It moves itself!

Ask nearest agent for demonstration.

### ECONOMY IRRIGATION CO., Inc.

Head Office: 21 Spokane St. Seattle, Wash.

#### Representatives

H. R. Jahn  
7-11 Water St.  
New York

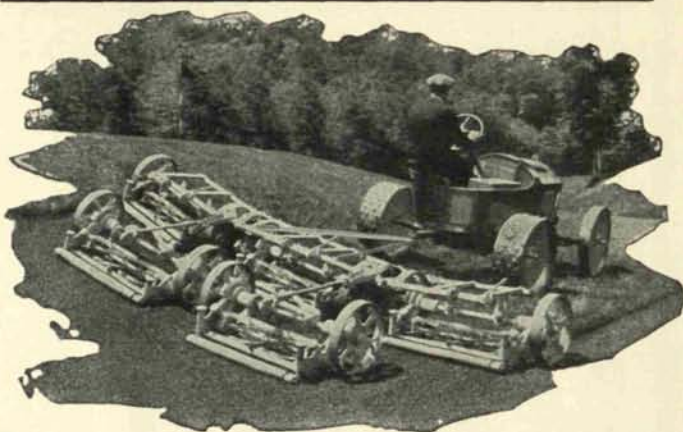
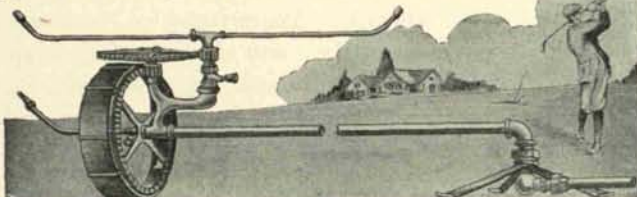
Indianapolis Toro Co.  
Roosevelt Bldg.  
Indianapolis, Ind.

Lawn Equipment Co.  
Larned St.  
Detroit, Mich.

Golf Course Supply Co.  
3049 Carnegie Ave.  
Cleveland, Ohio

#### Factory Representative

C. H. Bates, 5658 Prairie Ave., Chicago, Illinois



## Added Cutting Hours

The Tractor-drawn PENNSYLVANIA Super Fairway Quint saves time and money, not only because it cuts grass faster and better, but, also, because its special equipment insures the maximum number of cutting hours.

For instance, the Super Fairway Quint has a unique, positive lifting device which makes it easy for the operator alone to raise the two outboard units. This permits the machine to pass quickly through narrow spaces and over bridges. It also saves storage space when the Quint is not in service.

Then, too, PENNSYLVANIA Quality keeps the Super Fairway on the job and out of the repair shop. Write today for your copy of big new Golf Catalog.

### PENNSYLVANIA LAWN MOWER WORKS

1645 North 23rd St.

Philadelphia, Pa.

#### TEN SUPER FAIRWAY FACTS

1. Ingenious swivel attachment permits each unit to follow exactly the contour of the ground it covers.
2. Every moving part roller-bearing, even the ground rollers.
3. Frame supported on two separate ground wheels.
4. Alemite lubrication.
5. All knives of crucible tool steel, oil-hardened and water-tempered.
6. All bearings and gears in dirt-proof, oil-retaining housings.
7. Heat treated and hardened cut steel gears.
8. Removing two bolts changes the Quint to a Trio.
9. May be used to cut the rough by raising its units.
10. Each mower may be raised separately. Automatic clutch idles or engages cutting cylinders as they are raised or lowered.

# PENNSYLVANIA

QUALITY  
LAWN MOWERS



The Improved  
1927 Model  
Super Roller  
Greens Mower.

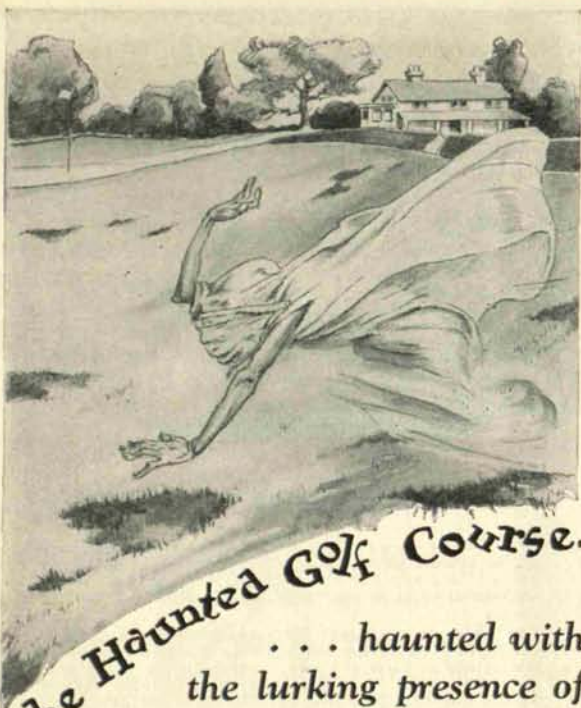


## Spalding Course Supplies

Spalding carries a complete line of golf course supplies. We can fill your every need. Our catalog contains complete information. Mailed on request.

*A. G. Spalding & Bros*

New York Philadelphia Chicago San Francisco  
—and all principal cities



## The Haunted Golf Course. ... haunted with the lurking presence of BROWN PATCH

THE greens committee, the greenskeeper, and the members all know it's there, but they can't catch it. Whether their grass is susceptible, or their soil harbors the dread disease—they're not sure. But just as soon as warm, humid weather sets in, the "crimes" begin, the crimes against turf that costs as much as \$100 a square yard. Ugly brown patches splotch the beautiful green. In a twinkling the grass is dead and new brown patches spring up, perhaps on a distant fairway. No clues, no hints, no explanation!

But no longer. Now you can solve the mystery, stop those crimes, destroy deadly "brown patch" and prevent its return. The solution is—

## SEMESAN

*The Approved Control and Preventive of Brown Patch*

Quickly destroys the fungus (*Rhizoctonia solani*) which produces BROWN PATCH, and, if the grass has not been already killed, enables it to recover. When applied as directed, Semesan will completely prevent Brown Patch even in the worst Brown Patch weather.

"Semesan is without a doubt one of the greatest aids to greenskeeping there is today in treating soil diseases."—Ridgemoor Country Club, Norwood Park, Illinois.

"Semesan is one of the greatest achievements toward preservation and upkeep of golf courses."—Oakmont Country Club, Pittsburgh, Pa.

*Brown Patch is too serious to trifle with. Prepare now and rejoice later. This coupon will bring complete information. Mail it NOW!*



N. G. July

E. I. du Pont de Nemours & Co., Inc.  
Dyestuffs Dept., Wilmington, Del.

Gentlemen: Please mail me your "Brown Patch" Pamphlet.

Name \_\_\_\_\_

St. or R. F. D. \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

## Comparative Criticism

(Continued from page 6)

regular intervals. And now Comparative Criticism begins to show its ugly and unjust head in earnest!

### Experience Counts on Club Committees

Many clubs that have labored under this condition have seen the error of their ways and in due time have rectified them, for they have learned that grass cutting and watering is but a fraction of the work necessary, and that it takes money, time, perseverance and foresight to create and maintain a course that can be compared to the best. And invariably the best and most successful clubs have on their committees men with years of experience and with broad vision—men who positively know what they ought to receive in return for a dollar.

When the conscientious and competent greenkeeper's best efforts are appreciated he may go home tired, but contented, and through such contentment he will be able to store physical and mental energy in sound sleep, enabling him to overcome greater obstacles that would perhaps be neglected otherwise. Appreciation of work well done will surely react in the form of an intelligent enthusiasm that will be felt all down the line, from the chairman of the Green committee to the night waterman, and will make the humble greenkeeper feel glad that he has chosen greenkeeping as his life work.

Keep  
weeds  
out of  
Golf  
—  
Sow  
Scott's  
Seed



for every dot there is a  
golf club that sows  
SCOTT'S SEED

And this is why they sow it. In the words of a Pennsylvania Greens Chairman: "We seeded our 9 hole course with Scott's Seed and many golf enthusiasts pronounce it the best year-old turf they have ever seen. Our 9 greens were sowed with your German Bent and today there is surprisingly thick green turf. Now you know what I think of Scott's Seed." For the good of your course get more facts about Scott's Seed before you buy.

O. M. SCOTT & SONS CO.  
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