method or, by the more commonly practiced water solution treatments.

Semesan possesses highly selective toxic qualities, by virtue of which it is deadly poisonous to the lower forms of life, such as the brown-patch fungi, yet at the same time harmless to the higher types of life to which the grasses and plants belong.

The DuPont company in its typically thorough manner have made a very exhaustive test on brown-patch control and its product is highly recommended by many of the largest and best golf clubs in this country. At the Show they exhibited a circular giving many interesting facts on brown-patch identification and control, and it would be well for every greenkeeper to have a copy, because brown-patch is quick in its destructive action and requires speedy methods to abate its ravages.

MacGregor Compost Distributor Company, Wheaton, Illinois

IT WAS a treat to the greenkeepers and Green committee members to be able to personally inspect the MacGregor Top Dresser and brush unit which was on display in this booth. This machine was developed by John MacGregor, greenkeeper at the Chicago Golf Club, and one of the vice-presidents of the National Association.

Developed after the great many years of practical experience the MacGregor machine consists of a cylindrical drum of fine meshed screen suspended between two wheels which rotates as the machine is pushed across the green and deposits a fine layer of topdressing quickly and evenly over the entire surface. On the rear of the machine is a wide brush which works the top dressing into the turf and saves a tremendous amount of hand labor. It is said that the MacGregor Top Dressing machine will save its cost in a season’s use.

This company also showed the MacGregor Compost Brush which is used not only for working compost into the turf, but is very effective in keeping the runners of bent stolon greens erect and in shape for cutting. By using this brush against the grain of the bent grass it overcomes one of the objections of this type of green, particularly on slopes where the runners are hard to control.

Carl Bartle of the DuPont Company talked Semesan and How

Lyman Carrier Products, Granger, Indiana

ALTHOUGH Lyman Carrier personally could not attend the Show his able assistants received the attention which this splendid exhibit deserved. Three products were on exhibition, to wit:—Cocoos bent seed, Washington creeping bent stolons, and Lecco, a scientifically prepared grass food.

Actual growing turf samples of Cocoos bent and Washington creeping Bent were prominently displayed. The Cocoos strain is of a very fine texture, and although a new grass it appears to have a wonderful future.

LaMotte Chemical Products Company, Baltimore, Maryland

Soil testing sets shown in actual operation was the principal feature of this popular booth. Two sizes were shown—a pocket-size field set and a larger and more expensive laboratory set. These sets enable one to determine not only whether the soil is acid or alkaline, (that is sour or sweet), but the exact degree of acidity or alkalinity. This is of importance because some plants require a slightly acid soil, others a more strongly acid soil, while still others require a neutral or alkaline soil.

With modern greenkeeping coming to be a science it is almost imperative that the greenkeeper make tests of his soil at regular intervals, in order to check the action of fertilizers and top dressing. In this way many separate problems may be easily solved.

Dayton Irrigation Company, Dayton, Ohio

THIS interesting display of sprinklers was one of the most interesting of the Show. In the front of the booth was a plot of turf with a Dayton Underground Automatic Pop-up sprinkler head operated by compressed air. It is one of the most ingenious pieces of equipment in the golf field, and is so cleverly designed that it is not visible to the players on either greens, tees or fairways.

When the water is turned on the heads pop up and deliver water to the turf just like natural rain. Each head is self-draining and with the water lines laid six inches below the

J. H. Keys, President of the Dayton Irrigation Co., a pioneer in the sprinkler game

It is a seaside variety of creeping bent which Mr. Carrier discovered growing in its native state in the Coquille valley, Coos county, Oregon. Cocoos is a native American grass and there is but one strain. This insures a uniformity of turf, which is not obtained where the seed is collected from different sources. The Washington strain of creeping bent stolons which are grown in the Granger, Indiana nursery is well-known and extensively used throughout the country.

As to Lecco more could be said than space here permits. It is the result of Mr. Carrier’s twenty years experience, and like all his products is high-grade in every particular. It is not made from the cheapest fertilizing material but is a combination which exhaustive tests have proved gives the best results regardless of cost.
“Gives Very Quick Response”

Read the letter from Chairman Rhodes of the Wilmington Green Committee, then use Hyper-Humus on your own course with equal benefit!

Hyper-Humus “The Soil Essential”

- Holds soil moisture
- Encourages soil life
- Corrects soil texture
- Prevents soil leaching
- Improves compost mixture
- Increases soil temperature
- Restores lost organic matter

Hyper-Humus acts like a sponge, having the ability to absorb 90% of its weight in water. It is specially processed to make it fine and even in texture. We are prepared to make prompt shipments.

Write for prices and “Soil Improvement” Booklet

Hyper-Humus Company
48 Park Place
Newton, N. J.

Hyper-Humus
Natural Soil Builder

Grass Seeds GET OUR PRICES Fertilizers

CLEVELINE SPRINKLING CART

An improved sprinkling cart for applying fertilizers in solution and for the application of compost, top-dressing, etc. to the putting greens. It is a fifty gallon hard wood barrel mounted on four inch CONVEX tread wheels so that it can be turned on the green without infurting the finest turf. It is fitted with a brass valve that can be turned on and off by the operator from the rear. The boom has a spread of over six feet and is drilled with 188 one-eighth inch holes ½ inch apart to assure an even penetrating flow. This cart will empty itself in about one minute. The construction of this cart is extremely rugged and should last many years.

CLEVELINE FLAG POLE

A light weight steel flag pole that will not warp, tapered at the end to fit any size cup. These poles come finished in a heavy lacquer, red tipped in black, and orange tipped in black. These are a very durable and attractive flag pole and are the greatest value on the market.

CLEVELINE FLAG SWIVEL

A bronze rust-proof wire swivel which may be attached to any wooden and to the Cleveline Steel Pole. This device will prevent the flag from wrapping around the pole. It can be easily attached by slipping the large loop over the pole and screwing the small loop to the top of the pole.

Grass Seeds GET OUR PRICES Fertilizers

THE PERFECT GOLF COURSE SPRINKLER

The sprinkler that Efficiency, Economy and sound business judgment demands.

It has the slowest motion and is positive in action on fluctuating pressure, in wind or on hillside and is without a single whirling or fluttering part to get broken off.

Price on roller stand $10.00. 1” conn. $15.00. Larger sizes 1¼” or 1½” conn. $20.00.

The only sprinkler that can be used on HOSELESS SYSTEM with SNAP VALVES without “drowning” the attendant. We write for full literature on SNAP VALVES which eliminate all control valves, all hose, all service leads and more than 50% of irrigating cost.

BUCKNER MANUFACTURING CO.
FRESNO, CALIFORNIA

Say you saw the ad in The National Greenkeeper
sod line there is no danger of freezing. The makers claim that about four heads will cover a putting green of ordinary size.

Another interesting Dayton feature is the new Dayton Special Sprinkler for fairways and large areas. It consists of a four wheel truck on which is mounted a large revolving sprinkler that will throw five thousand gallons of water per hour at seventy pounds pressure. Through the use of several nozzles it will cover a 160 foot circle, which makes it indeed one of the greatest sprinkling machines ever made.

Several smaller type sprinklers were shown by this company for use on lawns and grounds around the clubhouse. The Dayton engineers make a practice of working out sprinkler problems especially for new courses and their services are at the disposal of clubs interested.

Prosperity Laboratories Company, Cincinnati, Ohio

As the name indicates this company manufactures chemical fertilizers, weed killers and fungicides. They also put on the market a fertilizer distributor, which has a patented wobble motion of the agitator which insures a free flow of the material that is being spread. It is small and easily operated by one man and is so constructed that it will not harm the turf.

Another feature of the Prosperity exhibit was a bent grass fertilizer especially designed for new creeping bent greens that need not only a balanced ratio of food but one that will produce acidity in the soil. Another product is the Prosperity Dandelion Killer developed after several years of experimental tests. This Dandelion Killer works in a scientific manner—it kills dandelions by being absorbed by the leaves and stems of the plants thus increasing the internal pressure in the cells to such a high point the cell walls are burst. This releases the cell fluids and causes the plant to die down to the top of the ground.

Michigan Cedarcraft Company, Berkley, Michigan

Although he came into the Show late, Mr. A. D. Fraser representing this company found a very attentive and interested audience. He gave away samples of canes made of Michigan cedar which found ready takers among the greenkeepers and were carried away to all corners of the continent.

In addition Mr. Fraser exhibited photographs of lawn and golf course furniture, including shelter houses, benches, tee boxes, etc., all made of this light indestructible wood for which northern Michigan is noted.

Lawn Equipment Company of Detroit & Golf Course Supply Company of Cleveland

Both of the above concerns were represented in the large Toro space, as they are distributors of Toro products in their respective territories. Mr. F. J. Fellman of Detroit, and Mr. A. E. Flack of Cleveland were present in the Toro booth taking care of the many friends of their district who came to see them.

Among the side features of the Show which added to the comforts and interest of the visitors were the large booths fitted with comfortable chairs and rugs and donated to the Detroit District Green Section and the National Association of Greenkeepers of America. These booths provided resting spots and were in constant use throughout the week.

Throughout the afternoon and evening a large orthophonic victrola loaned by one of the Detroit music stores played splendid selections of popular and classical music.

H. P. Browne

Dignitaries sketched by the Greenkeeper's staff artist. H. P. Browne is chairman of the Island Country Club, and president of the Michigan Alcalite Co.; Harry Scott is greenkeeper, Reading C. C., Reading, Pa.; C. Basham, greenkeeper at River Crest C. C., Fort Worth, Texas; M. A. Daniels is Supt. of Parks, Pontiac, Mich.; W. C. Jackson, is greenkeeper at Camargo Club, near Cincinnati, said to be the wealthiest club per capita in the United States.
Staude Golf Course Tractor
with steel dump body, capacity one cubic yard. Price only $495.00

Staude Golf Course Tractor
easily pulls five 30" cutting units, rollers, hay mowers, trailers, etc.
Price only $420.00

Staude Golf Course Maintenance Machine consisting of Tractor, underneath hitch, three 30" cutting units. Price only $695.00

Why pay more—when more than 1,000 Golf Clubs use the Staude—It must be good—Every user a booster—Machines fully guaranteed, nothing better at any price—Write today for our prices, etc.

E. G. STAUDE MAK-A-TRACTOR CO.
2630 University Ave.
St. Paul, Minn.

The Sawco Turf Plugger
and Ant-Hill Remover
Patented by Mr. Emmet
Quickly removes weeds, ant-hills, bare patches and coarse grasses from putting-greens and lawns

HOW IT WORKS
Place the Plugger over weed, ant-hill, or bare patch and push it into the turf with the foot; then remove Plugger and it will bring out a circular disc of turf 2¾ inches in diameter and exactly 1¼ inches thick.

To replace the turf, cut good turf from your turf nursery, or from edge of putting-green or lawn.

Because discs fit exactly, and are uniform thickness, they will graft at once into the green

If your dealer cannot supply you, Turf Pluggers may be secured direct from us

Price $7.50, Six for $42.50
Illustrated pamphlet sent on request

THE MacGREGOR COMPOST BRUSH

What A User Says:
MacGregor Compost Distributor Co., Wheaton, Illinois.

Gentlemen:
Two years ago I had the pleasure of visiting the Chicago Golf Club, Wheaton, Ill., and I was deeply impressed with the methods used in getting the soils for top-dressing worked into the turf, by the use of a compost brush.

Having used several devices for working the compost into the turf, which have not given me good results, I tried out the MacGregor brushes, and I feel, owing to the good results which I have received from them, I should acknowledge my appreciation to you for the service that the two brushes which we received from you have given.

Yours truly, (Signed) John Morley, Greenkeeper.
Youngstown Country Club, Youngstown, Ohio

Write for Literature
MacGREGOR COMPOST DISTRIBUTOR CO.
P. O. Box 717
WHEATON
Illinois

Say you saw the ad in The National Greenkeeper
Echoes of The Convention

By JOHN MORLEY
President The National Association of Greenkeepers of America

We feel indebted to the services rendered by the Detroit District Golf Association, especially the services rendered by Chairman R. H. Montgomery.

The ladies were much in evidence during the convention and appeared to enjoy it as much as the greenkeepers. They are planning to form an auxiliary to our association.

Dr. John Monteith, Jr., Associate Pathologist, U. S. Department of Agriculture made a favorable impression among the members.

Alex Pirie’s address and activity during the convention was well received.

The Canadians were present in full force. W. J. Sansom, Toronto Golf Club, Long Branch, Ontario, presided at the Friday morning session.

The National Greenkeeper was instrumental in bringing a large delegation to the convention.

Harry Burkhardt, Cleveland, Ohio, son of Fred Burkhardt gave the association valuable service in the registration booth.

We were pleased to have with us R. S. Bell of Mount Bruno Country Club, Montreal, Canada.

We were fortunate in selecting John Quaill, Highland Park, C. C. Pittsburgh, Pa., for our secretary. John is a hustler; now watch us grow.

When we meet in Buffalo in 1929, our membership ought to be doubled.

Emil Leoffler, Oakmont, Pa., with his estimable wife came up from Texas to attend the convention. Emil was chairman of the committee on Finance.

Fred Burkhardt, chairman of the Show Committee, Cleveland, Ohio, and Robert E. Power, President of the National Greenkeeper deserve great credit for the able manner in which they conducted the golf show.

While we missed Joe Valentine, Merion Cricket Club, Philadelphia, we were fortunate to have in his place Lewis M. Evans, who is now our treasurer. Lewis is certainly a peppy little chap.

Victor George, of LaFayette, Ind., was much in evidence at the Convention.

C. G. Barton of the Sylvania Golf Club, Toledo, Ohio, the birthplace of our association, certainly enjoyed the progress we have made.

When it comes to bringing golf courses along Edward B. Dearie of Chicago, is quite at home. Ed, every one present enjoyed your address.

What the radio is to the home the National Greenkeeper is to our association. What an inspiration it will be to the greenkeepers who were unable to be with us at Detroit, when they read this issue with all the proceedings of the convention.

John Pirie of Chicago, presided during the election of officers and appeared to be the right man in the right place. John like his brother, Alex, is a good talker.

Robert Henderson and Al Schardt both of Buffalo, N. Y., have promised us a good time for all who attend the next convention.

I was sorry that I could not give the individual members more time during the convention, but I enjoyed the warm friendly handshake just the same.

James Muirden of Cincinnati, Ohio, says, “watch our district grow.”

Ford Goodrich, Flint, Michigan, is a good entertainer.

Joseph T. Varn Hogen’s talk on “Bulb-Grown Plants” was well received.

We appreciated the labor of Herbert E. Shave, Detroit, Michigan, who did all in his power to see that the delegates and their ladies were well entertained.

A. E. Lundstrum, Brooklyn, N. Y., gave an interesting report on The National Greenkeeper. Alfred is chairman of the committee that looks after the greenkeeper’s welfare in the magazine.

Fred W. Sherwood, Ravinia, Ill., was a busy man during the convention. Fred knew all the boys before he left for home.

John MacGregor, Second Vice-President handled the convention in first class style.

John Pressler, Sewickly, Pa., certainly boosted the Death Benefit Fund of our association.

Chester Mendenhall, Wichita, Kansas, promises to have a large delegation from Kansas at Buffalo next year.

No convention would be complete without the presence of George Davies of Louisville, Kentucky.

I trust that the Metropolitan and the New England greenkeepers will appreciate what we are doing for the welfare of greenkeepers. We were pleased to have had a goodly number of greenkeepers from these districts at the convention.

We all enjoyed the presence of Captain David L. Rees, President of the Metropolitan Greenkeepers Association. The captain is a good talker and his address “The Construction of Putting Greens” was admirably presented.

O. J. Noer, who is known by nearly every greenkeeper, was quite at home in addressing us on “Fertilization of Soils.” Have you secured a copy of his book The A B C of Turf Culture which has just been published? Every greenkeeper should have a copy in his possession for reference.

We were sorry that we could not secure the hall to listen more to Hiram F. Godwin of Redford, Michigan, relative to Bent Stolons.

E. W. Doty, Cleveland, Ohio, gave some interesting figures relative to bookkeeping and the greenkeeper. The boys kept him busy answering questions, but Mr. Doty was equal to the occasion.

We are all pleased to know that the manufacturers were well pleased with the Golf Show.

Our genial Vice-President John MacNamara, Pittsburgh, Pa., makes a good executive for our association.

The Pittsburgh delegation came to the convention in full force. Upon going home they had a parlor-car all to themselves. I enjoyed being their guest. Who says we are not advancing?
This is the season for getting your fairways in proper condition. You can, of course, do this better with mowers designed and built especially for use in connection with the heavy tractor. F. & N. "Quintet" Fairway Equipment is so built—by the world's largest manufacturers of lawn mowers—and with identically the same construction and precision as used in building the highest grade automobiles. The gears are cut from drop-forged steel, carbonized, and run in oil tight gear cases. Interlocking, rigid frame construction cannot be knocked out of adjustment. The five blades are made of special analysis crucible tool steel. The gear shifts are automatic. But best of all, genuine heavy duty Timken Roller Bearings with the patented F. & N. Self-Adjusting Device keep the revolving reel bearings in adjustment throughout the mower's life. Write today for catalog and prices.

Supplied in gangs of three or five for Fordson, Studebaker, International and any other tractor complete with attachments and flexible all-steel frame.

Reade Manufacturing Company
195 Hoboken Ave. Jersey City, N. J.

Tested Radvay's Seeds

We have on spot new crop CHEWINGS FESCUE N. Z. BENT GRASS SO. GERMAN BLUE GRASS — RED TOP — WHITE CLOVER

Ask for Sample Offers
I. L. Radwaner Seed Co., Inc. 115 Broad Street NEW YORK
Phone Bowling Green 3373 Seed Importers and Refiners

Since 1875

30 in. Fairway Mower Prices marked show retail and wholesale costs for past 6 years. We now offer you wholesale prices because we proved last year that true wholesale dealings with Golf Clubs showed minimum selling costs, tremendous sales increase and most profit to all.

NATIONAL MOWER CO.
2418 University Ave. Minneapolis, Minn. The finest type Fairway Mower built with double sets of tempered steel cut pears in oil tight cases. Write for literature.

"Electric" Worm Eradicator Brings up the worms by thousands
Also prevents the development of the dreaded "brown patch". One or two applications serves for a season. Any intelligent workman can do the work without danger of "burning" the greens.

We supply free of charge, a measure and glass jugs for handling the liquid. Every gallon of "Electric" makes 250 gallons of solution, enough to cover 3,000 sq. ft. Price: $3 per gal. Shipped in 5, 10, 15 and 30 gallon containers.

We also sell the Sprinkling Cart, shown above, at cost, $35.00, with orders for 10 or more gallons of the Eradicator.

We are always glad to make Shipments on approval.

I. L. Radwaner Seed Co., Inc.
115 Broad St., New York
Phone Bowling Green 3373
Seed Importers and Refiners
THE MARKET PLACE

Fairway Hose

OLDED and braided hose is not now new but to those who are interested in getting service it must be plain that the quality of the tube is a great factor in hose life. A tube or water way which cracks or crumbles would certainly not produce a leak-proof hose and with the twisting and pulling and pressure of the golf course usage this should be taken into consideration. Regardless of how good the tube is, if the body of the hose is not braided on with the proper weight threads and enough of them and they are not braided on at the right angle to give equal tension all around, then the hose will not withstand pressure and bending.

Given a good tube and a strong well braided body if a good cover is not put on to withstand the abrasion of dragging around, it will soon come off and the moisture and heat will quickly rot the threads. On the other hand if you have a good tube, a carefully braided body and a good cover all bound tightly together, then you have a good serviceable piece of hose capable of plenty of hard work for a long time.

The pride most clubs have in their courses calls for not only good hose but hose that is distinctive in looks. This is another reason why Fairway enjoys such a wonderful reputation. Fairway has a rich silky brown cover with a brown tube and black friction. The label is white and in order to add prestige, Republic attaches in a white label, the name of any Club using the hose.

Complete particulars about Fairway hose may be had by writing the Republic Rubber Company, Youngstown, Ohio and mentioning this magazine.

Cutting Down Watering Costs

A snap valve and quick coupler for attaching sprinkler heads to water outlets is being put on the market by the Buckner Manufacturing Company, Fresno, Calif. It is the work of several years research and experiment and consists of a self-closing valve and quick coupler. The valve is fitted to the end of the surface risers approximately 75 feet apart over the fairways and can be opened only when the sprinkler head is coupled on. Thus, the water supply for the entire course may be turned on at the main valve and left so indefinitely.

Each coupler has a regulator at the base of the sprinkler head, by means of which a uniform flow is maintained over the entire course regardless of elevation or distance from the source of supply. Any type sprinkler head may be used with these quick couplers.

Another decided advantage is that a Quick Coupler may be attached to a length of hose. The hose can be connected to any valve and may be used for watering shrubbery, trees, etc., outside of the irrigated area.

An interesting illustrated circular on this new device will be mailed to our readers upon request.

Radwaner in More Spacious Quarters

The I. L. Radwaner Seed Co., New York City has moved to more spacious quarters at 115 Broad Street, and have given up their previous location at 11 Water Street.

This company has been established in the seed trade over forty-eight years and makes a specialty of tested seeds which they sell on a wholesale basis.

"In the long time that we have been in the business," said Mr. Fred S. Radway, president of the company, "we have seen a small army of so called seed experts come and go. But only a legitimate seed house and a real seed expert with years of experience knows if the bent grass or the chews fescue, is true to name, variety or vitality and what the buyer needs is not high priced merchandise but fair priced good seed."

"Mixtures of grass seed are generally to be divided into two varieties. One with—the other without Ryegrass. Although Ryegrass mixtures will stand hard usage, it is a well-known fact amongst seed experts that the so-called creeping varieties are hardier and last longer."
MAKE your putting greens a pride and a joy. The finest creeping bent greens, level or undulating, respond to the Magic of a Jacobsen 19-inch or 24-inch power putting green mower.

Jacobsen Power Putting Green Mowers

will produce a cut finer than any push-type mower and save 50 to 75 per cent in labor costs. They positively will not pack your greens. All major castings made of the same special grade of aluminum used in aeroplane construction—combining great strength with lightness.

Write for literature and list of users. Let our representative show you "Movies" of Jacobsen mowers in action.

JACOBSEN MFG. CO.
Golf Dept. A 2, Racine, Wis.
New York Office: 245 West 55th St.

Emil Loeffler has been associated with the Oakmont Country Club for the past fifteen years.

Tractor Wheels

Club managers are pleased to secure Golf Wheels for their Fordson tractors, which have the following features
1. 50% more traction than others. Secured by proper spacing and amount of spuds.
2. Rims that will not bend or dent.
3. Round edges that protect the turf.
4. Easier steering.

If your local dealer cannot supply, write direct.

R. S. HORNER, GENEVA, O.
Manufacturer of R. H. Wheel Spuds, R. H. Fairway Tractor, Golf Wheels for Tractors, and Ford Trucks

The Chas. M. INGERSOLL Co.
Northern Ohio Distributors of MOTO-MOWER & PENN. GOLF MOWERS

Ask for free demonstration. Complete service, parts and repairs. Overhauling and regrinding. Oldest and largest dealers in power golf equipment in Ohio. This is a good time to get ready for a busy summer. Let us assist.

19071 Detroit Road Rocky River, O.

Say you saw the ad in The National Greenkeeper
Stafford Tee Markers

The Lapp Insulator Company, Inc., LeRoy, N. Y., is putting on the market a porcelain tee marker made by the Lapp vacuum process the same as used in the famous Lapp high voltage insulators. It is called the Stafford Tee Marker and has a great many advantages over the old styles.

In the first place it is of medium size, has a small galvanized spike and does not injure the grass. Being of non-breakable porcelain it never requires painting, never rusts and never breaks. In addition the price is very reasonable, so much so that any club no matter how re-

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<th>$50 in Cash</th>
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<td>THE NATIONAL GREENKEEPER hereby offers a prize of $50.00 in cash, or 20c a word, for the best 250 word article submitted on or before May 1 on—</td>
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<td>How I Control Brown-Patch</td>
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<td>The judges will be the Executive Committee of the National Association of Greenkeepers of America and the winner must be a member of the association.</td>
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A Better Fertilizer for Golf Courses

In selecting a fertilizer for golf courses it’s very important to get one which is specially prepared—one which contains the essential elements of plant food.

John MacGregor, Greenkeeper of the Chicago Golf Club, who has a wide reputation because of the wonderful greens and fairways he has developed, uses Swift’s Special Golf Fertilizer. He has found that it tends to give the acid reaction which is very important in controlling growth of white clover weeds.

Swift’s Special Golf Fertilizer gives good results because it is formulated and manufactured by expert chemists and plant men—men who have had years of practical experience and who make use of the best available information concerning the right fertilizer for greens and fairways.

For more information write Swift & Company, Fertilizer Department, Chicago, Illinois.

Hyper-Humus

The ability to absorb 90 per cent of its weight in water is the claim for Hyper-Humus by the Hyper-Humus Company, Park Place, Newton, N. J. It is specially processed to make it fine and even in texture.

Hyper-Humus is used by many clubs in place of mush-
room soil. When mixed with top soil and sharp sand in equal volume it forms a very fine quick-acting topdressing, and its spongy quality is a wonderful aid in retaining moisture and in absorbing fertilizers.

As every greenkeeper knows it is difficult to make compost that holds moisture and keeps a fine putting surface. Too often the greens dry out in the hot summer sun and players complain that a ball pitched to the green will not bite and hold as it should. Hyper-Humus supplies the missing link in this situation and should be a great boon to those who take pride in their putting greens.

**Gunderson Talks To Greenkeepers**

A special feature of the monthly meeting of the Cleveland District Greenkeepers was a talk by Mr. A. J. Gunderson of the Sherwin-Williams Co. on “Arsenate of Lead.” This meeting was held at the Hollenden Hotel, March 12 and was followed by a dinner.

The speaker explained the uses of arsenate of lead in connection with golf course maintenance, and in so doing he cautioned the greenkeepers to be careful in its use and make a careful record of results for future reference. The discussion which followed was interesting and helpful.

Mr. W. I. Kennedy, owner and greenkeeper of the Bunker Hill golf course near Medina, O., read a most interesting paper upon his experiences in laying out and constructing his new golf course. He had a most humorous experience which he told in his own inimitable style.

Jacob Sands of Cedarhurst Country Club spoke of the troubles he had had with drainage and other problems which brought forth some active discussion along important lines.

The president, Fred Burkhardt announced that this was the last indoor meeting and upon his suggestion it was moved and seconded that the Pittsburgh and Detroit greenkeepers be invited to visit Cleveland on some Monday early in August. It was also voted to attend the State Tournament at Youngstown in June.

**Classified Advertising**

Wanted: Complete set of used golf wheels for a Fordson tractor. The Chas. M. Ingersoll Company, 19071 Detroit Road, Rocky River, O.