

Minnesota Gossip

By H. E. STODOLA, *Secretary*

THE October meeting of the Minnesota Association was held at Midland Hills and the University course.

There are many fine things about Midland Hills. The main one is the foundation on which the course is operated. The club house is managed by a capable manager who believes a club house is best managed by a man who devotes his full time to that part of the golfing plant. Then the pro has his shop and what a fine shop it is. He is an excellent instructor and a real booster for the pros—being active secretary for the Minnesota P. G. A. for years.

PICHA IS LEADER AMONG YOUNG GREENKEEPERS

THEN we come to the course proper, managed by the greenkeeper, Emil Picha, who is responsible only to the Greens chairman. I am so bold as to say he is the leader of the younger generation of greenkeepers of this country. His course shows it. The tees are large, fit into the surroundings, drain to the back and are mostly tough thru reseeding *Poa Annua*.

The fairways are getting better each year. They are carefully watered. The hydrants are in the center of the fairways for convenience and economy. I may say here that his water plant will pump 350 gallons per minute at sixty-five pounds pressure.

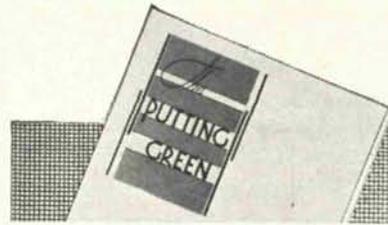
His approaches blend into the greens. His greens are well taken care of, putt fine and hold a pitch. However, Emil is striving for a finer putting surface and as he says, "I want it to resemble mohair." His equipment is well-cared for. His books and budgets are a lesson for most of us. This man Picha is a thinker and planner and his course shows it.

From here we went to Art Anderson's course, the University Recreation field. Art is a protege of Charles Erickson, the dean of the Minnesota greenkeepers. Charley can be proud of Art because he and Mr. Smith, intra-mural director, have made a real golf course for the University. It is a course of many problems. Some greens are Metropolitan, some Virginia, some Seaside, Washington and Woodhill bent. They all require different treatment.

Art manages to keep them all in good playing condition, but it is like feeding a mixed herd, they do not all eat alike nor do they all produce the same. While on greens I want to say that Art stands on record as the biggest hater of *Poa Annua* greens in this wide world. He has had 'em and know they are even more fickle than blonds, here today, gone tomorrow.

University has spacious tees and goodness knows they need them. The Profs may know their math and history, but they surely flunk when it comes to divots. The fairways are wide and watered.

This course is well wooded but as fast as the red oaks



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die out Art is ready to plant another tree. Traps. This course has two new ones that are a work of art. They have a large practice tee and fairway that would be a credit to any course. University Recreation Field is a fine golf course and is the reward of hard, intelligent work.

At both these clubs we had Hoover beer, or coffee and good cigars for all. The next meeting will be at the Minikahda tool house, 1:00 o'clock, Monday, November 14.

New Jersey Notes

By JOHN ANDERSON, *President*
Greenkeepers' Association of New Jersey



JOHN ANDERSON

SINCE the June meeting at Hopewell Valley Country Club the activities of the New Jersey Greenkeepers Association have not been forwarded to the *National Greenkeeper*.

The July meeting was held at Princeton, the course that the students at the college use. The layout is in the charge of Lew Whalen and is a credit to him considering the number of rounds of golf played in a season. Lew has been conducting some experiments with Metropolitan bent on his greens and tees and it seems as if the Princeton course will soon be solid Metropolitan bent. It looks beautiful.

The August meeting was held at Crestmont and while we had no surprises along turf management lines to show, the boys had a good test of golf on the long, hilly

course. The Chairman of the Greens, Mr. G. J. Easton, played with the gang and was very interested in some of the comments made and the criticisms given when the scores were high.

For the September meeting the association was entertained at Hollywood Golf Club, Deal, New Jersey, one of the oldest and richest golf clubs in the metropolitan district. Joe Conover is the greenkeeper and what a beautiful and luxurious course he has. Nothing is wanting at Hollywood that tends to make golf attractive and sporty, including sand traps.

Joe entertained the boys royally, and the chairman of the Green Committee, Mr. Rosener, entertained the association at dinner in the club house. Needless to say Mr. Rosener was awarded a standing vote of thanks and many tributes to his course.

PINE VALLEY RESEMBLES SCOTLAND

WE WERE invited to Pine Valley for the October meeting, where you think you are in Scotland among the sand dunes and the heather and the broome. What a test of golf!—difficult, beautiful, and what fairways and scenery. We were welcomed by George Cunningham, our old friend who is manager, and E. Steineger, the greenkeeper, who had arranged for lunch and dinner in the club house.

After a stirring meeting in which lively discussions were engaged, the principle of which was, if it is necessary to further economize how can we do it without hurting the golf course, and it was generally conceded that all of us had reached a line which if passed was bound to reflect on the condition of the courses. After a few reminiscences from Mr. Cunningham, the meeting adjourned and we departed with happy thoughts of Pine Valley.

Michigan State Greenkeepers' Tournament

By HERBERT E. SHAVE, *Greenkeeper*
Oakland Hills Country Club, Birmingham, Michigan

MICHIGAN and Border Cities greenkeepers and the Western Michigan greenkeepers association held their second August get-together tournament at the Oakland Hills Country Club, Birmingham, on September 19.

Sixty-six greenkeepers from the State of Michigan and Border Cities sat down to a good lunch. Wm. Smith, treasurer Detroit district association, extended a hearty

welcome to the boys from up-state. Mr. Mathews of the Western Michigan association ably responded, and then there was a great rush to the 1st tee to start tournament play over the south course. There was a team match, six men on a side. The Western boys won by six strokes.

CONNELLAN WINS MICHIGAN PRIZE

W. M. CONNELLAN, Mount Vernon country club, Rochester, Mich., won the Silver cup with a medal score of 77. Winners in the Western Association, 1st Floyd Hammond; 2nd, John Phelps; 3rd, L. H. Dustin; 4th, Ed. Benedict, and 5th, S. Dustin.

Winners in the district association, 1st, T. Slosson; 2nd, Fred Sherwood; 3rd, H. Prieskhorn, 4th, Herbert E. Shave, and 5th, J. Collins.

Kickers Handicap, 1st, C. Clanns; 2nd, Herbert E. Shave; 3rd, T. Slosson; 4th, J. E. Dustin, and 5th, Fred Sherwood.

Booby prize, T. Elphrick. Everybody enjoyed the day and went home to start practicing for 1933.

Buffalo News

By H. FRANK NICHOLS

AS SECRETARY of the W. N. Y. G. A., I am writing a bit of news about one of the courses in our district.

It is well-known thruout western New York, that the Buffalo Country is undoubtedly the best groomed course in the district. It seems to be the one club and grounds where nothing is neglected.

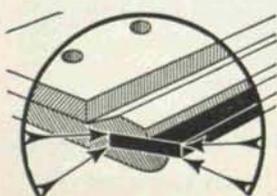
Our district vice president, Bob Henderson, received many compliments last year when the Women's National Open was played at his course.

Recently, however, Gene Sarazen played an exhibition at this course and the following day quoted to the Buffalo papers, that it was the best conditioned course he had played this year.



ROBERT HENDERSON
Greenkeeper of the Buffalo Country Club.

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An Editorial

By ROBERT E. POWER, *Editor*

I THINK it was Darwin who said that man was descended from the ape.

Our Bible teaching tells us that Man was created in the image of God and He sent His Son to Palestine to prove it.

Here are two theories which are absolutely at variance and yet each one persists and perhaps have certain facts to prove the case.

Greenkeeping is no different. Experts burst forth in print and prescribe the exact formula for the care of turf grasses because of certain successful experiments at a certain place.

Whereupon the Green committee chairman instructs his greenkeeper to do thus and so. The greenkeeper knows his soil conditions, his climatic conditions, his exposures, his particular problems on every one of the 18 holes of his course. They are not all alike and if he treats them so he is no credit to the profession.

Mr. L. J. Feser of Wayzata, Minn., has been appointed chairman of the NATIONAL GREENKEEPER committee and we have talked at length on the problems of economical golf course maintenance. He says we must lay the cards on the table and try to conduct a roundtable discussion in this magazine each month without fear or favor.

King Midas could sit on a heap of gold and hunger. The gold would have supplied the good King with all his wants, had he been in a locality where supplies were plentiful and gold was scarce. Artificial irrigation is essential in sections of Arizona, but drainage is necessary in the swamplands of Florida.

One thing is certain. A greenkeeper is good or bad, depending on what is above his ears.

He who selects that part of expert advice which applies to his particular condition is wise.

The NATIONAL GREENKEEPER will strive to obtain and publish material pertaining to golf course management. We will welcome



L. J. FESER

of Wayzata, Minn., and vice-president of the Minnesota Greenkeepers' Association, who has been appointed chairman of the Committee on the NATIONAL GREENKEEPER. His associates on this committee are John Anderson, West Orange, N. J., and Edward B. Dearie, Jr., Chicago.

criticism, but we ask that our critics consider locality and conditions that modify any exact formula.

An advocate of a 10-10-10 fertilizer may be right or wrong. A complete fertilizer is necessary in one place; an organic nitrogen does the job in another. We have Buicks, Chevrolets, Plymouths, Fords and many other makes of motor cars for the same reason that we have numerous makes of cutting units.

Greenkeeping is and will be essentially modified by geographical position and brains.

Grassland Fertilization

A NEW and somewhat revolutionary method of fertilizing grasslands, made possible by the development of highly concentrated fertilizer in uniform particle size, was described by B. G. Klugh, vice president of Swann Research, Inc., at a meeting of the American Institute of Chemists held in New York.

Permanent sod grass growing requires fertilization for adequate returns, whether the purpose be for grazing, golf courses or ornamentation. The grass root system must remain undisturbed by any general tillage of the sod. The only system of fertilization known or applied in the history of grassland cultivation has consisted in surface applications. Whether this be in liquid or solid form, the fertilizing effect essentially comes through percolation of the solutions through the surface soils to the grass root system.

Grasses can only feed through their roots, which naturally grow in the plant food bearing zones. They require nitrogen, phosphoric acid and potash in some definite ratio for their optimum growth. No one of these plant food elements can be substituted for the other in most effective fertilization. Phosphoric acid and potash tend to become changed to a temporarily insoluble state, especially in grassland types of soils. Such change naturally occurs in zones comprising about the top half-inch of the sod. This is the immediate effect where the surface applications of soluble fertilizing material are followed by uniformly gentle soaking rains.

More often, however, heavy rains wash this fertilizer either into irregular locations or entirely away. Where it is subjected to the most ideal soil soaking conditions, the surface changes cause the grass root system to develop near the ground surface. The resulting shallow root system is therefore above the normal water storage zones, hence cannot withstand any appreciable drought. This explains

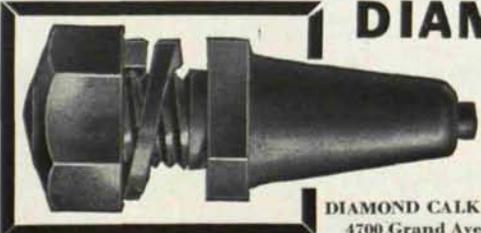
why a luxuriant growth of surface fertilized grass dies in dry weather long before the thin unfertilized grass does.

These serious defects in the old methods appear to have been completely obviated by the system of fertilization recently developed by Col. James H. Graham who owns the Montrose farm estate, eight miles from Louisville, Kentucky. Col. Graham has spent years of effort and large sums of money developing these grazing lands, and having experienced all the difficulties set forth in the old system, he saw in the first samples of the new drillable concentrated fertilizer a solution of the problem.

Col. Graham purchased for this purpose a special alfalfa seed drill, since the fertilizer particles approximated the uniformity of seed grains. With this equipment, he had this fertilizer placed well below the grassland surface, in grooves four inches apart, but so narrow as not to disturb the continuity of the root system.

He states that with this machine he drilled this fertilizer uniformly over the entire area at a rate of between 5 and 7 lbs. per acre. Although only one application was made in the season of 1931, he reports that the growth and quality of grass was vastly superior to that previously resulting from many times the equivalent plant food placed on the surface.

This placement of the complete, quickly soluble plant food, uniformly and accurately below the surface of the grass, provided conditions for immediate absorption by the plants, and caused the root system to develop down in the water storage zone. The result was that the plots so fertilized showed at least double the grass growth of, and withstood the drought of the summer of 1931 vastly better than that fertilized by the old surface method or that unfertilized.



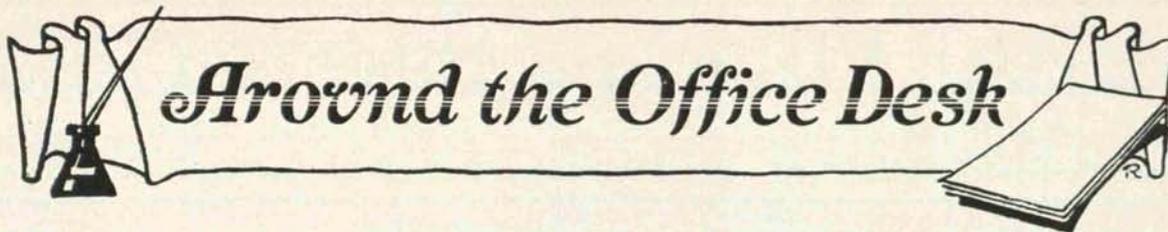
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Morley's Farewell Address

To the Officers, Members and Friends of The National Association of Greenkeepers of America, Greeting:

You will observe in other pages of the NATIONAL GREENKEEPER that I have resigned from the Presidency of this association.

Believing that my actions in resigning at the fall meeting of the Board of Directors held at Cleveland, Ohio, may be construed that all is not well within the association, prompts me to state that owing to continual poor health, together with other duties involved upon me, made it imperative to turn the Presidency over to my worthy successor, John MacGregor. And in turning or transferring the burden over to him, John MacGregor being a Scot, to me it was like transplanting a thistle into a beautiful rose.

It is a pleasure to me to state that John MacGregor has my entire support, as well as the united support of the entire Board of Directors; and if we are still to keep on progressing he should and must have the support of every individual member.

While it is a fact that I have for some time hoped to be relieved of my burden as president, like all new organizations it requires time to perfect satisfactory conditions. That time has now arrived, and it should be a delight to all of our members to know that in turning over the responsibilities of the office of President to my successor, I also turned over to him a substantial membership of experienced greenkeepers, and in all our funds a goodly sum of money. We should all feel proud of these facts especially in the midst of the worst financial panic ever known. But we must not rest upon the strength of the association as it exists today. If we are to continue successful we must keep abreast of the times, so that when one member by necessity falls out of line we must secure another to take his place.

Briefly, we are to live a life of consideration for others, so far as compatible with our duty. To do our own thinking, and stand on our own feet, and if we desire to make a greater success of our vocation we must have 100% confidence in our officers as well as ourselves.

It is also a great gratification to me to know that when accepting my resignation after six years of responsibility, toil and care, I should receive without a dissenting vote the honor of President Emeritus and a place on the Board of Directors. It should prove that good work always brings forth good fruit.

The President of any association can never give the best results unless he is supported by a competent Secretary. In the selection of Fred A. Burkhardt, the clerical work of the association is well attended to. Fred A. Burkhardt's estimable daughter, Ida, devotes her entire time to our association work. It was a pleasure to observe the splendid work done by her in keeping the records of the meetings of the Board of Directors held at Cleveland, O.

Time and space forbids me from expressing myself more fully, but I believe that it would be unjust if I did not at this time extend to all who have in any way assisted me during my many terms in office. Especially I do want to express my sincere appreciations to the merchants and manufacturers for their generous cooperation with us in holding each year our Educational Conferences and Golf Shows. They have helped to play an important part both from a publicity and financial standpoint, which also has enabled us to double our efforts in our aims and objects, namely to collect and disseminate practical knowledge of the problems of greenkeeping, with a view to more efficient and economical maintenance of golf courses. We hope and trust that we will again be favored with their good will and cooperation at our coming Conference and Golf Show at Chicago next February.

While at times there have been honest differences of opinion between the NATIONAL GREENKEEPER and your humble servant, yet I am not unmindful of the fact that the NATIONAL GREENKEEPER has played a very important part towards the success and general welfare of our association for which I am very happy to report.

With L. J. Feser, Edward Dearie and John Anderson constituting the committee on the NATIONAL GREENKEEPER, there will be greater cooperation with the Editor, Robert E. Power, thus encouraging more of our membership to send in news items of local or general interest. The NATIONAL GREENKEEPER can only be what the members and officials make it.

In conclusion let our motto for the present and future be, "every member get a member." But be sure that they are greenkeepers and that they fully comply with the qualifications laid down in our bylaws, for there is no room in our association for DRONES.

Cordially yours,

JOHN MORLEY,
President Emeritus.

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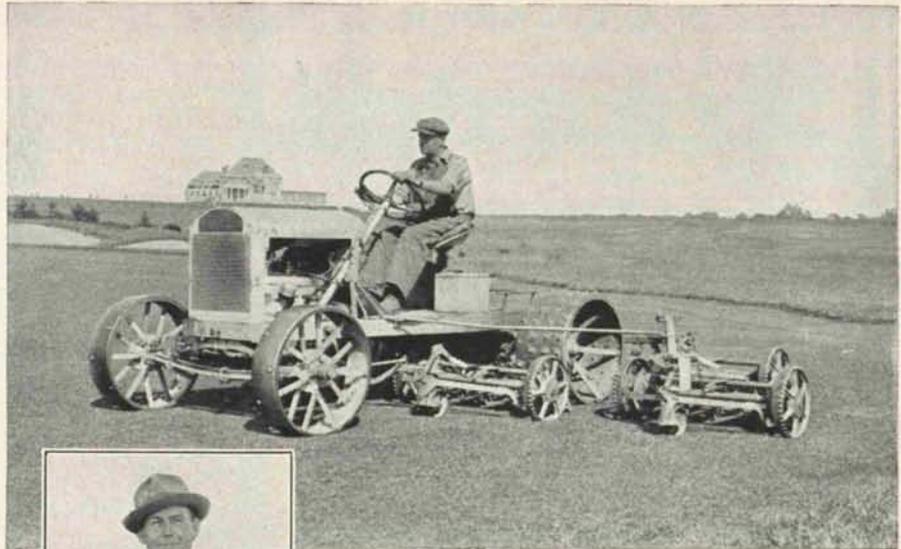
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Gravely Mower & Cultivator Co.

Tractor Wheels and Spuds

R. S. Horner

Trees

Blue Ridge Evergreen Supply Co.

Turf Fertilizers

Armour Fertilizer Works

Urea

Synthetic Nitrogen Products Corp.

Water Pipe

McWane Cast Iron Pipe Co.

Worm Eradicators

Peter Henderson & Co.
C. B. Dolge Company
Reade Mfg. Company

chines, piloted the N. A. G. A. directors to the various courses. But due to rain on both days, they found it impossible to visit all the courses in the district as they had planned. However, they were successful in their plan for a joint get-together meeting of the Cleveland District Greenkeepers and the Executive Board. It proved to be a supper meeting, as it was held after the Monday evening business session. This generosity and thoughtfulness of the Cleveland greenkeepers was sincerely appreciated.

Statement of the Ownership, Management, Circulation, etc., required by the Act of Congress of August 24, 1912, of THE NATIONAL GREENKEEPER, published monthly at Cleveland, Ohio, for October 1, 1932.

State of Ohio, County of Cuyahoga, ss.

Before me, a Notary Public, in and for the State and county aforesaid, personally appeared Robt. E. Power, who, having been duly sworn according to law, deposes and says that he is the Editor of the National Greenkeeper and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management, (and if a daily paper the circulation), etc., of the aforesaid publication for the date shown in the above caption, required by the act of August 24, 1912, embodied in section 411, Postal Laws and Regulations, printed on the reverse of this form, to wit:

1. That the names and addresses of the publisher, editor, managing editor and business managers, are:

Publisher, The National Greenkeeper, Inc., 405 Caxton Bldg., Cleveland, Ohio; Editor, Managing Editor and Business Manager, Robt. E. Power, 12047 Lake Ave., Lakewood, Ohio.

2. That the owner is: (If owned by a corporation, its name and address must be stated and also immediately thereunder the names and addresses of stockholders owning or holding one per cent or more of total amount of stock. If not owned by a corporation, the names and addresses of the individual owners must be given. If owned by a firm, company, or other unincorporated concern, its name and address, as well as those of each individual member, must be given.)

The National Greenkeeper, Inc., 405 Caxton Bldg., Cleveland, Ohio; Robt. E. Power, 12047 Lake Ave., Lakewood, Ohio; Frank H. Clark, 2848 Drummond Rd., Shaker Hts., Ohio; H. L. Richey, 3263 E. Fairfax Rd., Cleveland, Ohio; Frank H. Pelton, 19110 S. Woodland Rd., Shaker Hts., Ohio; F. E. Percy, 3159 South Moreland Blvd., Shaker Hts., Ohio; C. F. Lowe, Aurora, Ohio; Frank M. Power, 19455 Shoreland, Rocky River, Ohio; M. J. Fox, 15002 Superior Rd., Cleveland Heights, Ohio.

3. That the known bondholders, mortgagees, and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages, or other securities are: (If there are none, so state.) None.

4. That the two paragraphs next above, giving the names of the owners, stockholders, and security holders, if any, contain not only the list of stockholders and security holders as they appear upon the books of the company but also, in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting, is given; also that the said two paragraphs contain statements embracing affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees, hold stock and securities in a capacity other than that of a bona fide owner; and this affiant has no reason to believe that any other person, association, or corporation has any interest direct or indirect in the said stock, bonds, or other securities than as so stated by him.

ROBERT E. POWER, Editor.

Sworn to and subscribed before me this 13th day of October, 1932.

H. W. Slack.

My commission expires Jan. 8, 1935.

Greenkeepers Meet

(Concluded from page 6)

with them, so that all would be on hand for the next morning's business meeting.

On both Monday and Tuesday afternoons several of the Cleveland greenkeepers, driving their own ma-

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The National Greenkeeper
Caxton Bldg.,
Cleveland, Ohio.

Gentlemen:-

We were the first company to contract for advertising space in the National Greenkeeper, and very likely have spent more money with you than any individual advertiser since the magazine was started.

The results have been highly satisfactory, and we feel that "The Greenkeeper" reaches the man who actually uses the equipment, and who has practically all the voice in what equipment shall be used.

It is for this reason that we have always favored your publication and will continue to do so.

Yours very truly,

K. E. Goit

Sales Manager

K. E. Goit'AD