

Around the Office Desk

THANKS TO MACGREGOR

LET'S give a rising vote of thanks to John MacGregor for furnishing us his interesting and instructive monthly Almanac through 1928. John is not sending the Almanac through for 1929 because there is more or less repetition in the daily work of the greenkeeper.

"I would like to see something in the GREENKEEPER" writes MacGregor "which would stir up interest among the greenkeepers. I would like to start something and for a start put this question up to the greenkeepers."

"What has been your experience with Arsenate of Lead? Has it improved your turf, destroyed weeds, worms, grubs, and in what quantities did you use it per 1000 square feet? At what intervals and how often during a season do you feel it is beneficial or otherwise? This is a subject which is being discussed a great deal and your experience will be beneficial to all. Answer to the NATIONAL GREENKEEPER."

We might say for John's benefit that we sent out a questionnaire on Arsenate of Lead and have a number of interesting replies and we will take excerpts from them together with the new answers which come in and publish a story on Arsenate of Lead in the Big February Convention Number. See that your answers are in the Editor's hands by January 12.

BRITISH GRASSES

SPEAKING of the February Convention we have another treat in store for our readers; an article by Martin Sutton of the Royal Seed Establishment of Reading, England, entitled "Notes on British Grasses."

The Sutton family are probably the world's most famous seedsmen and his splendid article on British grasses is most interesting and instructive.

Writing to us under date of November 22nd, Mr. Sutton says,

"I have examined and congratulate you upon the admirable 'get-up' of your important paper, the NATIONAL GREENKEEPER; this I feel sure, must be proving a very valuable publication in the U. S. A."

STOLONS VS. SEED

WE HAVE another interesting story from E. S. Garner of the Rhode Island State Agriculture Experiment Station for the February Convention number.

"Stolons versus Seed for the Greens."

This is a subject where there is a nation-wide difference of opinion, but Mr. Garner has tackled it without fear or favor and his article is going to set everybody to thinking.

Mr. Garner is not a pussyfoot writer and what he says is straight-forward and to the point. We predict that this article will cause more argument than any which has been published in the NATIONAL GREENKEEPER for some time.

AGAINST MUSHROOM SOIL

HOW many of you greenkeepers are using mushroom soil on your putting greens? If so have you observed any brown patch tendencies?

We received a letter from J. E. Cannaday of Sedalia, Mo. a few days ago in response to a question we asked him about the use of mushroom soil.

"I am convinced that spent hot beds, such as mushroom soil is a very dangerous compound for putting greens. There is in this mixture a large quantity of remnants of organic matter, which have not gone through decomposition as thoroughly as it should be. In other words, there is not enough material in a spent mushroom compost for the growth of such mammoth growths, as mushrooms, but there is an enormous quantity of sustenance for the growth of the microscopic, or even macroscopic fungi."

If you have had practical experience why not let us have it for the benefit of your brother greenkeepers? That's what the NATIONAL GREENKEEPER is for—to exchange ideas and experiences for the betterment of golf.

A GREAT ISSUE

WE HAVE received numerous complimentary letters on the December issue and apparently the boys are doing a lot of serious thinking about soil conditions and brown

patch.

One of these from James A. Smith, soil expert of London, Ohio about covers the entire situation.

"This number is all 'meat'," writes Mr. Smith. "The thinking greenkeeper who has been doing research work and realized it, has never before felt at liberty to make public his findings. A careful check of this number shows the results of your efforts. Only a few are actually represented but their offerings are all fundamentally sound. This number, were all points made, fully carried out and properly correlated, would make a text book."

"E. S. Garner, in this publication, feels perfectly free to state an important fact regarding bent grasses corroborated by Dr. Hubbard in a subsequent article."

Mustard Greens, Carrots Sprout On Golf Green

SAVANNAH, Ga., Nov. 20.—(AP)—For days and days gangs of men worked on greens at the City Golf club, plowing, planting and rolling the ground. Savannah golfers would have fine putting greens.

Two days ago things began to come up. Seven greens must be made over because officials at the golf club decided Savannah golfers could not putt on the crop of mustard greens and carrots.

The packages from which the seed came were labeled grass seed.

CHEAP SEED IS EXPENSIVE

The above newspaper clipping was sent to us by Hugh C. Moore, greenkeeper at Brunswick, Ga. "This is the result of cheap seed," writes Moore, "and poor greenkeeping. It was supposed to be Italian Rye which is a large seed easily identified."

"There can never be a worse mixed-up affair than the naming of our bent grasses. I am interested in the marketing of a bent grass which while purchased with a pedigree will if possible be deprived of a father and mother by competitors. I still think as much as ever of the child for what it is, without a family tree. Let Mr. Garner further debunk this matter.

"Mr. Cannaday says he 'does not know' but I find him perfectly clear, fundamentally, on brown patch. He covers fungus growth from a different angle than is common, under glass, but his 'set up' as he calls it is in perfect agreement with the only theories that, I believe, can be advanced.

"Fred Burkhardt has the prize article of the month. He has handled a subject which has heretofore been considered technical in such a simple way that it is predigested and certainly ready to eat. Fred's article is the result of gathered information proven by years of experience and told only as it could be told by one who was sure of his ground. To get such clear thinking from even one greenkeeper is worth to the golfing world all your publications have cost.

"And Dr. Hubbard's letter to Mr. Morley. If I am permitted to come to Buffalo in February, I have planned my talk so as to go back as many million years as my conscience will permit and show that our earth we are working today is the same earth of 100 years ago but probably not quite so good. I should prove substantially that Dr. Hubbard, with 'no training for scientific observations in actual practice, only a taste for analytical deductions of its laws,' has in his article stated a fundamental law for the correction of any soil.

"So it goes. No one gets more kick out of the GREENKEEPER than do I. Ninety per cent of the articles are 'thinking straight' needing only boiling down to one or two simple facts to which all can easily subscribe."

ANOTHER STORY

WE HAVE another splendid story for the February number. The title is, "Golf Course Maintenance" and the author is Grange Alves, pro-greenkeeper of the Acacia Country Club, Cleveland, Ohio.

Alves comes from an old time Scotch golfing family and was born and brought up to his trade. He has long been a student of golf course construction and maintenance and in his story he brings up some very vital questions which are puzzling greenkeepers today in all parts of the country.

May we quote you on your spring requirements

ILLINOIS GRASS COMPANY

SUCCESSOR TO

SMEAD TURF NURSERIES COMPANY

GROWERS OF

TRUE WASHINGTON STRAIN BENT

SOLID TURF AND STOLONS

For Putting Greens - Tees - Fairways - Athletic Fields - Lawns - Etc.

75 EAST WACKER DRIVE
CHICAGO

FANCY WORK

THE secretary of the Wives of National Greenkeepers, Mrs. Wm. Smith, Red Run Golf Club, Royal Oak, Mich., requests us to insert a notice as follows:

"Mrs. Varn Hagen, president of the Wives association wishes to inform all of the ladies that there will be a stall of fancy work at the next Convention in February and she would like all the members to donate something. The proceeds will go to the treasury of the Wives of National Greenkeepers. Donations should be sent either to Mrs. Varn Hagen, Lock Box 67, Redford, Detroit, Mich., or to the secretary not later than the end of January."

KENTUCKY SPEAKS

"I WANT to thank you for sending me the NATIONAL GREENKEEPER. I personally think it is a grand paper. It is helpful to a man in my profession, as a greenkeeper. It has useful items in it on how to take care of greens and other things too numerous to mention.

"We have a very nice 9-hole course at Stearns, Kentucky, situated about one hundred and ninety-two miles south of Cincinnati, Ohio, on Queen & Crescent R. R. We have nine bent greens now, having completed four new ones this fall. They are coming along nicely at present and if nothing happens we will be playing on them by spring."

(Signed) John W. Wallace
Box 15
Stearns, Kentucky

A UNIQUE PERSON

HERE'S a man who apparently has never seen the NATIONAL GREENKEEPER, or heard of the National Association of Greenkeepers of America. His name is Guy M. Peters and he writes a story in the November number of the Olympian, a magazine published by the Olympia Fields Country Club of Chicago. He starts his story as follows:

"What little we know about growing and treating putting green and fairway grasses we have learned from the Green Section of the U. S. Golf Association."

It seems to me that some of us visited Olympia Fields during the Open Championship and met a Mr. Fred Kruger, greenkeeper, who seemed to know quite a little bit about growing grass, having four 18-hole courses to take care of. Mr. Kruger is a Charter member of the National Association of the Greenkeepers of America, a subscriber to this magazine, and as far as we know has about the biggest and most important greenkeeping job in the United States.

MORLEY REVIEWS YEAR'S PROGRESS

(Continued from page 17)

Without doubt he will find a way for you to be with us, and I say this because of my wide acquaintance with chairmen of Green committees. They know better than most other officials of golf clubs how much it means to the club to place within reach of the greenkeeper the opportunity he needs to advance himself in his profession. Show him this article and don't forget to get the magazine back.

Market Place and Buyers' Guide

Where reputable manufacturers and dealers list and describe their products. Greenkeepers are requested to write the Market Place for any special information they desire about supplies or equipment

Airport Drainage

Armco Culvert Mfrs. Association.

Arsenate of Lead

Sherwin-Williams Company

Ball Locators

Worthington Mower Company

Ball Washers

J. Oliver Johnson, Inc.
Worthington Mower Company

Bent Stolons

Hubbard Nurseries
O. M. Scott & Sons Co.
Stumpp & Walter Co.
Illinois Grass Co.

Bird Houses

Michigan Cedarcraft Co.

Bridge Floors

Armco Culvert Mfrs. Association

Catchbasins, Corrugated Iron

Armco Culvert Mfrs. Association

Compost Distributors

Toro Mfg. Company

Compost Mixers

Toro Mfg. Company

Drainage Engineers

Wendell P. Miller and Associates

Drainage Gates

Armco Culvert Mfrs. Association

Dump Carts

Toro Mfg. Company
Worthington Mower Company
Ideal Power Lawn Mower

Fairway Rollers

Toro Mfg. Company

Fairway Mowers

Pennsylvania Lawn Mower Works
Toro Mfg. Company
E. G. Staude Mak-A-Tractor Co.
Worthington Mower Company
Ideal Power Lawn Mower

Fencing

Michigan Cedarcraft Co.

Fertilizers

Milwaukee Sewerage Commission
Golf Course Supply Company
J. Oliver Johnson, Inc.
Lyman Carrier, Inc.
R. L. Skove

Flexible Steel Mats

J. Oliver Johnson, Inc.
Golf Course Supply Co.

Fungicides

Sherwin-Williams Company

ADVERTISER'S INDEX

ABC of Turf Culture	Cover
American Seed Company	29
Armco Culvert Mfrs. Assn.	14
Buckner Mfg. Company	22
Carrier, Lyman	24
Fate-Root-Heath Company	26
Golf Course Supply Company	23
Hubbard Nurseries	29
Hyper-Humus Co.	26
Ideal Power Lawn Mower Co.	4
Illinois Grass Company	34
International Seed Testing Lab.	29
Jacobsen Mfg. Company	23
Johnson, J. Oliver, Inc.	27
MacGregor Compost Distributor Co.	28
Michigan Cedarcraft Company	20
Miller, Wendell P.	34
Milwaukee Sewerage Commission	26
N. A. G. A. Employment Committee	28
Nelson, L. R. Mfg. Company	24
Pennsylvania Lawn Mower Works	13
Radwaner, L. I. Seed Co.	29
Reade Mfg. Company	34
Republic Rubber Company	16
Roseman Tractor Mower Co.	17
Scott & Sons Co., O. M.	22
Sherwin-Williams Company	Cover
Skove, R. L. Co.	26
Staude E. G. Mak-A-Tractor	Cover
Stumpp & Walter Co.	34
Toro Mfg. Company	Cover
Worthington Mower Company	15

Golf Equipment

Michigan Cedarcraft Co.

Horse Drawn Mowers

Pennsylvania Lawn Mower Works
Roseman Tractor Mower Co.

Hose

Republic Rubber Company

Humus

Hyper-Humus Company

Insecticides

Sherwin-Williams Company

Lawn Mowers

Pennsylvania Lawn Mower Works
Toro Manufacturing Company
Ideal Power Lawn Mower

Manure

R. L. Skove

Mowing Equipment

E. G. Staude Mak-A-Tractor Co.
Toro Mfg. Company
Pennsylvania Lawn Mower Works
Worthington Mower Company
Jacobsen Mfg. Co.
Roseman Tractor Mower Co.
American Seed Co.
Ideal Power Lawn Mower

Mower Sharpeners

Fate-Root-Heath Company
Toro Manufacturing Company

Power Mowers

Toro Mfg. Company
Golf Course Supply Co.
Worthington Mower Company
Jacobsen Mfg. Co.
Roseman Tractor Mower Co.
Ideal Power Lawn Mower

Putting Green Mowers

Toro Mfg. Company
Pennsylvania Lawn Mower Works
Worthington Mower Company
Jacobsen Mfg. Co.
Roseman Tractor Mower Co.

Rakes

Pennsylvania Lawn Mower Works

Rough Mowers

Toro Manufacturing Company
Jacobsen Mfg. Co.
Roseman Tractor Mower Co.

Seed

Lyman Carrier, Inc.
O. M. Scott & Sons
Golf Course Supply Company
J. Oliver Johnson, Inc.
J. L. Radwaner Seed Co., Inc.
American Seed Co.

Siphons, Corrugated Iron

Armco Culvert Mfrs. Association

Sod Cutters

J. Oliver Johnson, Inc.

Sprinklers

L. R. Nelson Mfg. Co.
Buckner Mfg. Co.

Sprinkling Carts

Reade Mfg. Company

Stolons

Illinois Grass Company

Storm Sewers, Corrugated Iron

Armco Culvert Mfrs. Association

Street Culverts, Part Circle

Armco Culvert Mfrs. Association

Tee Markers

Worthington Mower Company

Tee Mowers

Toro Mfg. Company
Jacobsen Mfg. Co.

Tractors

E. G. Staude Mak-A-Tractor Co.
Toro Mfg. Company
Worthington Mower Company
Roseman Tractor Mower Co.
Ideal Power Lawn Mower

Water Systems

W. A. Buckner Mfg. Company

Well Casings, Corrugated Iron

Armco Culvert Mfrs. Association

Worm Eradicators

Reade Mfg. Company.

ARMCO DRAINAGE

The real "dyed in the wool" golfer is commonly supposed to be oblivious to heat or cold, flood or drought. Perhaps on that account the season for golf is longer than for any other American outdoor sport, but undoubtedly, not all of this long season is suitable for the best game of golf.

One way of adding to the comfort and the skill of players during a considerable part of the year is to improve the course by means of drainage. A well-drained course, moreover, actually increases the number of days available for play during the year.

Armco perforated corrugated pipe has given satisfactory service in the drainage of golf courses, its special applications being the drainage of sand traps and similar features. Its strength, flexibility, inseparability, and its ability to withstand freezing without damage, commend this pipe for use in installations where the ordinary golf course conditions are encountered.

PELICAN MOVES

Pelican Works, manufacturers of the Raining Sprinkler have moved the plant to Niles, Michigan, in order to improve the service to their customers, and to effect some economies in manufacture which will bring a price advantage to purchasers of their product.

Their postoffice address is Box 321, Niles, Mich.

SMEAD RETIRES

F. H. Murray, treasurer of the Illinois Grass Company announces the retirement of Harry B. Smead from the company in order that he may devote his entire time to the design and construction of golf courses.

The office will remain at 75 E. Wacker Drive until May 1st, after which date they will remove to the nursery located at 187th St. and Reigle Road, Homewood, Ill.

Grass Seed of Known Quality

TESTED for PURITY and GERMINATION

Prices and information on request

Stump & Walter Co.

Specialists in Golf Grass Seeds and Equipment

30-32 Barclay St., New York



NOW!
for that
long
needed

DRAINAGE

No need for next season to be another struggle to maintain playable greens and fairways at extraordinary expense. Courses serviced by our specialized drainage engineering have extended their playing seasons three and four months and also reduced maintenance cost 25% to 75%. Now is the time. We work co-operatively with the architect or local contractor.

WENDELL P. MILLER

and Associates

GOLF COURSE DRAINAGE

Engineers - - Constructors

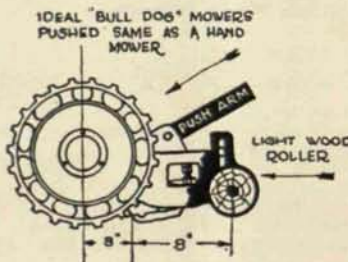
208 So. La Salle St., Chicago

85 East Gay St., Columbus, O.

They shall be pleased to quote for spring requirements. Inspection of their nursery is invited before shipment is made.

IDEAL CIRCULARS

Ideal Power Lawn Mower Company, 444 Kalamazoo Avenue, Lansing, Mich., has just issued a most interesting series of circulars setting forth the advantages of the Ideal



Bulldog Mower. Each circular carries a clever cartoon depicting in more or less humorous style such advantages as "low wheels," "pushed, not pulled," "two levers lift the unit," "lighter yet stronger," and "a short wheel base." The accompanying cut shows one of the illustrations showing how the Ideal Bulldog Mower with its small low wheels is propelled by a push arm from the frame which makes it bite in even in fast and heavy going.

A series of these interesting circulars in two colors will be mailed to any greenkeeper or chairman of the Green committee upon request.

Classified Employment

WANTED—Position as greenkeeper. Have had exceptional experience in maintenance and construction. All references, Box 175, this magazine.

NEW BAYER-SEMESAN COMPANY

The Bayer Company, Inc., and E. I. Du Pont De Nemours & Company announce the succession of the Bayer-Semesan Company, Inc., to their Seed Disinfectant divisions for the United States and Canada. The principal office of the Bayer-Semesan Company has been established at 105 Hudson Street, New York.

Both companies take this opportunity to express their sincere appreciation to the many business houses throughout the United States and Canada which have contributed so generously toward developing a market for Organic Mercury Seed and Plant Disinfectants, and bespeak for the Bayer-Semesan company a continuance of the splendid co-operation which is so indispensable toward progress in combating crop and turf diseases.

It will be the policy of the Bayer-Semesan company to select the most effective formulas from the Bayer and Du Pont lines of disinfectants and continue their sale under the trade names, Semesan, Semesan, Jr., Semesan Bel, and Ceresan (the trade name of the new cereal disinfectant.) These will be employed to designate the several principal brands of disinfectants marketed by the Bayer-Semesan company.

The names and titles of the officers of the Bayer-Semesan Company follow:

W. E. Weiss, President; J. Warren Kinsman, Vice-President; E. I. McClintock, Secretary; J. B. Eliason, treasurer; K. N. Chase, Sales Manager; L. C. Reed, Assistant Treasurer; H. E. Fry, Advertising Manager.

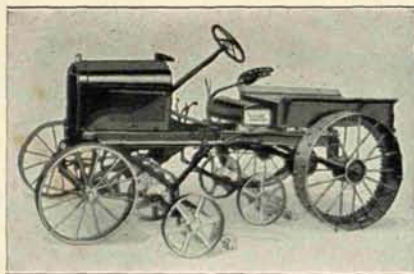
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**Eliminates Worm Casts
Prevents Brown Patch
Stimulates the Greens**

Every gallon of "ELECTRIC" makes 250 gallons of solution, enough to cover 3,000 sq. ft. Price, \$3 per gallon. Shipped in 5, 10, 15 and 50 gallon containers. Measure and glass jugs for handling, supplied free.

Write for free folder—today

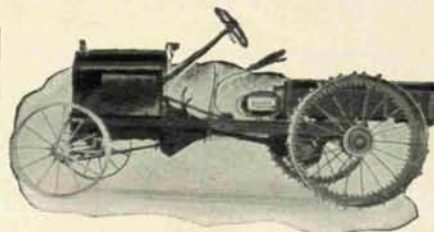
READE MFG. COMPANY
195 Hoboken Ave. Jersey City, N. J.



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



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

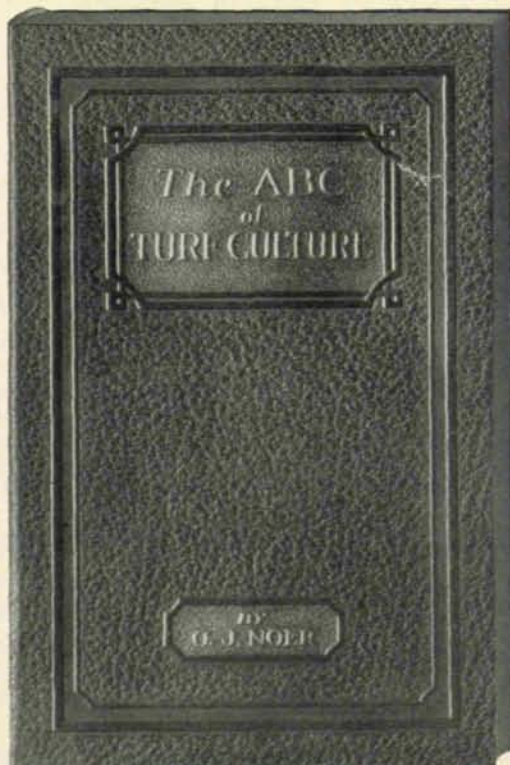
IT'S PERFORMANCE THAT COUNTS

More than 1000 golf clubs all over the country prefer the light weight, low priced Staude Golf Course Tractor. It is the ideal machine for all maintenance and reconstruction work. Compare it with other tractors. Test it on your own course in any way you like and if you are not satisfied return the tractor within 30 days and we will refund the purchase price. The upkeep cost is low and the purchase price is the lowest in the world for a General Utility Golf Course tractor. Write for list of users.

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St. Paul, Minn.



Embossed Art Leather Binding—
Pocket Size

Price—\$3.00 Postpaid

ABC of Turf Culture

by O. J. NOER

The most practical and complete treatise on the growing of turf grasses ever published. Written in simple language which the layman can understand. A textbook on turf culture and soil chemistry.

The author combines a university education on this intricate subject with an intensely practical experience in golf course maintenance work throughout the United States.

A Reference Book for Every Day Use

CHAPTER HEADINGS

Factors Affecting Turf Growth
Effect of Size and Arrangement
of Soil Particles on Turf
Growth

The Part Water Plays in the
Growth of Turf

The Functions of Organic Mat-
ter in the Soil

Soil Composition and How
Plant Food Becomes Avail-
able

The Nature of Soil Acidity
and Effect of Fertilizer Ma-
terials on Soil Reaction

Lime in Sand, Soil or Water
Often Overcomes Acidic
Properties of Sulphate of
Ammonia

Essential Plant Food Elements
and How Plants Feed

Elements and Characteristics
of Various Groups of Fer-
tilizer Materials

Composition and Properties of
Individual Fertilizer Ma-
terials

Principles Underlying the
Practical Use of Fertilizers
on Greens and Fairways

The National Greenkeeper, Inc.

405 Caxton Bldg.

Cleveland, Ohio