

The Golf Show At Buffalo

2nd Annual Exhibition of supplies and equipment used in golf course construction and maintenance attracts wide attention



FRED A. BURKHARDT
*Reappointed to handle
the 1930 show.*

THE success of the second annual National Greenkeepers' Golf Show held at Hotel Statler, Buffalo, under the auspices of the National Association of Greenkeepers of America in conjunction with their Convention goes down in history as a splendid achievement. Great credit is due the Show committee and especially to Fred A. Burkhardt, chairman, who worked tirelessly for three months to attain the splendid results which were apparent to all those in attendance.

Comparing the Show held this year in Buffalo with the Show last year at Detroit figures show that at the Detroit Show there were twenty-eight exhibitors occupying a space of approximately forty-five hundred square feet; at the Buffalo Show this year there were thirty-eight exhibitors occupying a space of approximately ten thousand square feet.

As is well known this annual greenkeepers' golf show is sponsored and managed by the greenkeepers themselves and all money received from exhibitors over and above actual expenses is turned into the treasury of the National Association for the betterment of golf.

A review of the exhibits was published in the February Convention number of the *National Greenkeeper* so that repetition is not necessary. We wish, however, to mention a few late comers who were not included in last month's list:

Friend Mfg. Co., Gasport, New York

THIS exhibit which was in charge of Mr. Wm. Tyson, sales manager consisted of one of the famous sprayers known as the Golf "Friend" which has been so popular the past season. This sprayer is used to apply soluble fertilizer which is dissolved in the compartment tank of the high pressure sprayer by

means of a powerful mixer or agitator. It is applied to the turf with a "Friend" Golf Spray Gun in the form of a fine mist with the result that there is no waste of material and no danger of damage because of uneven distribution.

Fungicides and insecticides are applied in the same way, and with the same degree of satisfaction. The Golf "Friend" can also be used for spraying large shade trees and shrubs and for the larger golf clubs is an almost indispensable piece of equipment.

The Barrett Co., New York City
ARCADIAN Sulphate of Ammonia and Arcadian Nitrate of Soda were exhibited by the Barrett Co., of New York under the direction of Mr. H. A. Stoll. These soluble fertilizers are too well known to need description. It is sufficient to say that the Barrett Co. are national distributors of these products and that they are produced for them under specific formulas and guarantees which assures the buyer of the full nitrogen content.

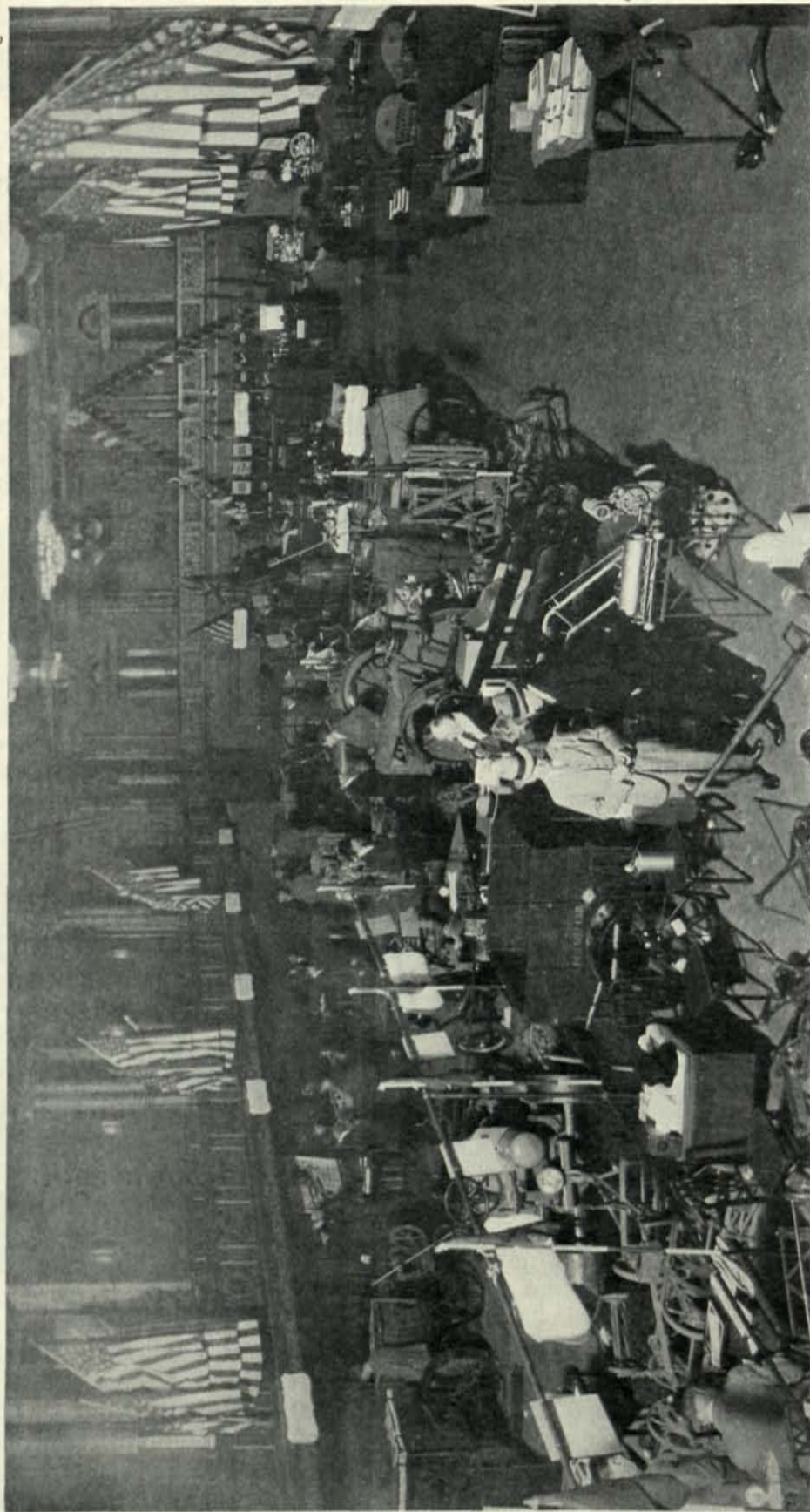
The Barrett Co. publishes booklets with



U. S. G. A. GREEN SECTION EXHIBIT AT BUFFALO very careful and definite instructions as to the use of these fertilizers and they found a ready distribution for these at the Show.

For instance Arcadian Nitrate of Soda is put up in bags of two hundred pounds net with 16.25% nitrogen (19.77% ammonia) guaranteed. The Arcadian Sulphate of Ammonia contains 25¼% ammonia (20¾% nitrogen) guaranteed and the company states that it will not cake or require drying before use.

Greenkeepers' Golf Show---Hotel Statler Ball Room



THOSE WHO EXHIBITED WERE—Toro Mfg. Co., Ideal Power Lawn Mower Co., Worthington Mower Co., Toro Associates, Pennsylvania Lawn Mower Works, Jacobsen Mfg. Co., Stumpp & Walter Co., Sherwin-Williams Co., Buckner Mfg. Co., J. Oliver Johnson, Inc., Hyper-Humus Company, Lyman Carrier, John Bean Mfg. Co., L. R. Nelson Mfg. Co., E. G. Staude Mak-A-Tractor Co., Milwaukee Sewerage Commission, Philadelphia Lawn Mower Co., Hardie Mfg. Co., Roseman Tractor Mower Co., L. J. Reade Mfg. Co., Fate-Root-Heath Co., H. H. Doty, Barrett Co., F. & N. Lawn Mower Co., Grasselli Chemical Co., Thompson Mfg. Co., Whitney-Eckstein Seed Co., Ric-Wil Co., Seed World, Hal Billig, I. L. Radwaner Seed Co., Friend Mfg. Co., Whitney-Noyes Co., Swift & Co., R. E. Parks, U. S. G. A. Green Section, Golfdom, National Greenkeeper.

—Photo by King-Robinson Co., Buffalo

I. L. Radwaner Seed Company, New York City, N. Y.

THIS old established seed concern had a splendid exhibit in charge of Fred S. Radway and Albert S. Francis. They showed various samples of seed and at the same time distributed a booklet, entitled, "Better Lawns" written by H. R. Cox, Extension Specialist in Agronomy.

Mr. Radway himself, a seed specialist gave free and valuable advice to the greenkeepers and explained in an open-minded manner many of the intricate details of the seed business and how to get full value for money spent.

Philadelphia Lawn Mower Co., Inc., Philadelphia, Pa.

MR. J. A. CARTER of Chicago had charge of this interesting exhibit of Philadelphia Lawn Mowers and found a ready audience with the greenkeepers, many of whom had never seen this product as it was not exhibited at Detroit last year. This company has been in business since 1869 and claims to be the oldest established lawn mower company in America. Its product consists of mowers to meet the requirements of every size



THE MILORGANITE BOOTH AT THE BUFFALO SHOW

area and it also manufactures horse-drawn and motor mowers of modern and high grade type.

Its latest model is known as the Series "S", a machine built principally of pressed steel, instead of cast-iron. The moving parts are mounted on radial ball bearings while triple roller clutches are used in place of ratchets. The company claims this to be the lightest,

Louisville Next Year

Louisville, Ky., will be the scene of the 1930 National Golf Show, Conference and Convention of the National Association of Greenkeepers of America. The dates as announced by President Morley are February 5-8, 1930

easiest-running, quietest and longest-wearing mower ever built. Style SPG designed especially for putting and bowling greens and tennis courts has eight blades with oil tight gear cases. They also make a six-blade roller type mower and a 21-inch motor mower of unique design and construction.

Thompson Mfg. Co., Los Angeles, Calif.

IT WAS a treat to meet Mr. John Heaslip who had charge of this splendid exhibit and to have him explain the up-to-date sprinkling devices developed by this company through its many years' experience throughout the arid areas of California and the West Coast. There are several months in the year in those sections when there is no rainfall and sprinkling systems are absolutely necessary to grow good turf. It is, therefore, natural that the best equipment should be developed and that it should also be very economical because the cost of water is excessive.

The Thompson Master Sprinkler (illustrated in last month's issue), was the chief feature of this exhibit. It is of the goose-neck type mounted on a roller with five sizes of nozzles and a fool-proof device for regulating the speed or flow of the water. This company also specializes on concealed sprinkling systems for fairways and lawns which are very ingenious and effective.

For those who did not see this exhibit it would be worth while to write this company for their interesting catalogues. The address is 2250 East Seventh St., Los Angeles, Calif.

The Ric-Wil Company, Cleveland, Ohio

THIS company, a newcomer in the golf field, was represented by Mr. R. L. Howden, who explained the method they have for wrapping farm drain tile to prevent seepage of sand and dirt into the drain. The process consists in using Ric-Wil Impregnated Tape which means a coarse, porous, adhesive tape, impregnated with bituminous asphalt, which sticks

(Continued on Page 42)



EDITORIAL



Morley, A Fine Character

THE sincerity of John Morley and his able and constructive leadership of the greenkeeping profession, was overwhelmingly approved through his re-election for the third successive time, at Buffalo.

Partisan politics and sectional ambitions which creep into all National organizations, vanished into thin air when the time came to vote for the man who should stand out unimpeachably as spokesman for those who care for the golf courses of America.

John Morley is a fine character—a man of vision, studious, conscientious and fair. He is loved by his own club members and everybody in the community where he lives. He gives unstintingly of his time and experience to those who need his advice. In Youngstown he is a civic figure being called in consultation by city authorities on turf and planting projects; the ladies ask him to talk before their Garden clubs; he helps out on municipal golf courses without compensation; in fact John Morley is going through the world doing good where and when he can.

The golf clubs and associations of the United States and Canada owe a great deal to John Morley for his energy and foresight in bringing the greenkeepers to a realization of their responsibilities. He has saved them many thousands of dollars and the fruits of his labours have yet to be realized.

Let us hope he keeps his health and lives to see his dream come true.

The Atmosphere Is Clearing

IT WAS refreshing to sit in the background at the Buffalo Convention and see the salutary effects of our editorial published in the January Number.

Doctors, professors and other experts were present in numbers. They met and talked with the greenkeepers. Each admitted to the other that neither the theoretical nor the practical men knew it all. Each could learn from the other.

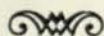
That was the purpose of our January editorial—to clarify what for four or five or even six or eight years has been a hazy atmosphere.

Having straightened out a situation that was blocking progress for the betterment of golf, we can see quick advancement ahead. When the "I know it all" is taken out of any business and the "I am ready to learn" attitude is inserted, you can look for progress and profits.

It has been whispered that we were too harsh and critical of the "experts." Some greenkeepers even said so—not to us but to others. Well, perhaps so—but with one exception the "experts" haven't kicked; they took their medicine like men. Now that they have met the greenkeepers halfway our advice to the constituency we serve is to think and study and learn and work, because this business of golf course maintenance and turf culture is taking wings and the men who cannot see it and keep up with it may wake up some morning to find their jobs in jeopardy.

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

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



Address all communications relating to the Golf Show at Louisville, February 5-8, 1930 to--

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

Around the Office Desk

Burkhardt Sends Thanks

TO THE MANUFACTURERS AND GREENKEEPERS:

I want to take this time to thank my committee, fellow greenkeepers, and manufacturers for their help in making our golf show a success.

We hope next year to increase our show over the last and to do this we need the cooperation of every man in our organization.

The time to start work on next year's show is now and not a few months before show time. Don't forget to patronize our exhibitors whenever possible. The manufacturers are helping us so why not help the man that is helping you.

The show next year will be in Louisville, Kentucky, and we hope to have a show outside of the convention headquarters so that it will be easy for the manufacturer to move in the larger equipment.

The show committee would like to know the opinions of the exhibitors of the last show as well as greenkeepers. We would welcome suggestions from every one.

The idea of the show is to help the golfing public. Anything we can do to further this idea we would gladly attempt. That is the reason we are so anxious to find out your opinions and suggestions.

Please send your suggestions to F. A. Burkhardt, Show Chairman, Box A, Rocky River Station, Cleveland, O.

Fred A. Burkhardt
Show Chairman.

Congratulations

ALTHOUGH only two or three days have elapsed since the Greenkeepers' Golf Show in Buffalo, as we go to press, many congratulatory letters have been received by Fred A. Burkhardt, Show Committee Chairman and also at the office of THE NATIONAL GREENKEEPER.

Here is one from W. L. Austin, Sales Manager of the Ideal Power Lawn Mower Co., Lansing, Mich.

"Want to express myself as saying that you surely put on a fine show and that insofar as the Ideal Power Lawn Mower Company are concerned we were mighty well pleased with the results. I think that you and your committeemen deserve a lot of credit for the hard work that must be necessary in connection with a show of this kind."

Fred S. Radway, president of the I. L. Radwaner Seed Co., Inc., New York City, says:

"Just a line of appreciation for the wonderful way

the Golf Show was conducted at Buffalo. Thanks to the officers and the committee in charge. From the standpoint of a trader the show was most interesting. Usually the trades people are only the side-show at a convention, as in a circus. You boys and girls made us feel at home and I believe I express the sentiment of my competitors when I say that we had a wonderful time.

"I cannot sit down and write technically regarding the Golf Show and Meeting but it was good fellowship all around. The speeches were educating and most interesting."

The following came in to Chairman Burkhardt from A. E. Flack of Golf Course Supply Co., Cleveland:

"Now that the 1929 Greenkeepers' Convention and Golf Show is over, we wish to take the pleasure of advising you that we were very much pleased with the way the entire Show was handled and believe a great credit should be extended you for the untiring effort you put forth in this respect.

"We trust that you will have full charge of the 1930 Show which, as we understand, is to be held in Louisville, Kentucky next year. This desire is expressed due to our knowledge of your ability in this respect."

James A. Smith of London, Ohio who spoke on Humus at the Conference sends this along—

"I want to congratulate you on the success of the Buffalo meeting, both in size of membership and the interest shown."

A Tribute

William McCall who died at his residence in Parkside Avenue, Buffalo, N. Y., was of Scotch descent and had a host of friends.

For almost two decades he had served the public of the city of Buffalo as greenkeeper at Delaware Park Golf Course and Bowling Green. He had held the position of greenkeeper at the two above-mentioned clubs for almost twenty years.

Robert Henderson.



W. J. McCALL
Who died in
Buffalo Jan. 28

Miss McArdle Wedded

Greenkeepers in the Metropolitan District and in many other parts of the country will be pleased to

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To get even, accurate and economical distribution

Investigate this line of three Thompson Spreaders designed to successfully spread all kinds of dry commercial fertilizers and particularly the highly concentrated fertilizers which must be so evenly applied. One machine was especially designed to apply Sulphate of Ammonia on creeping bent and spread other fine powders to destroy fungus growth. No matter how thin the application or how heavy, there is a Thompson Spreader for the purpose. Send for our literature on Spreaders and Grass Seeders For Golf Courses.

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learn of the marriage of Miss Theresa McArdle to Mr. John George Schneberger.

The marriage took place February 6 at the home of her parents, Mr. and Mrs. Edward J. McArdle, Wilmette, Illinois.

Miss McArdle for many years represented the Roseman Tractor Mower Company in the New York territory and was exceedingly popular in the trade. We voice the general sentiment in wishing her good luck and happiness.

Henderson Re-Elected

By AL. SCHARDT, Secy.

At the annual meeting of the Western New York District Greenkeepers Association held at Hotel Statler, Buffalo, January 8, 1929, the following officers were elected: Robert Henderson, Buffalo C. C., president; Jim Connaughton, Monroe G. C., Rochester, N. Y., vice-president; Al Schardt, Wanakah C. C., Buffalo, N. Y., financial secretary; Art Stephens, Erie Down C. C., Ontario, Canada, treasurer.

In behalf of the officers and members of the Western New York District Association I wish to express our sincere sympathy to the wife and family of our late Brother Greenkeeper, Will McCall, who passed away on January 28. The members of this Association will sense a personal loss by reason of the death of their associate, and hereby make this permanent record of their high regard for his memory.

Valentine Sends Praise



JOE VALENTINE

Merion Cricket Club
Philadelphia

JOSEPH VALENTINE veteran greenkeeper of the famous Merion Cricket Club of Philadelphia, takes time off on his return from the Buffalo Convention to write us a congratulatory letter on the success of the show. Joe says, in part:

"I hope that everybody remains satisfied with the great success of the show held at Buffalo, and really very much credit should be given to that hard worker, Fred Burkhardt, who certainly did put all his energy into it, as well as to you for the most successful campaign that you have directed in our magazine.

"Every one of us must be indebted to our president, John Morley, for the great vision to have the greenkeepers of the country recognized as turf culturists.

"I want to emphasize to everybody that our best friend always shall be our Green committee chairman who will stand back of us 100 per cent, and we must be sincere and honest to him in every respect, cooperating always together for the benefit of our club.

"Also we should show cooperation towards the

**PRINCE
EDWARD
ISLAND**



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For information write

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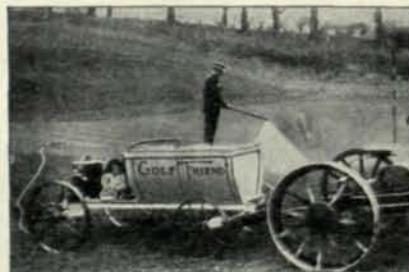
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Green Section at Washington; they are doing their best and sacrificing all their time not only for the benefit of the golf clubs but also for the greenkeepers."

(Signed) J. Valentine.

Lundstrom Visits Mid-West

ALFRED LUNDSTROM of the Crescent Athletic Club, Brooklyn, N. Y., visited the Chicago greenkeepers, of which he was a former member, at the February meeting of the Mid-west Greenkeepers Association, at Great Northern Hotel, Feb. 6.

On account of the resignation of Bob Farmer, who has moved to Milwaukee, Peter Stewart was elected Secretary to succeed the former incumbent. Mr. Lundstrom gave them a talk on good friendship and fellowship in greenkeepers organizations. He also offered another cup for competition in 1929.

The new president, Alec Binnie, suggested that the work of the Association for the past year should be carefully reviewed and that a record should be sent to the Green committee chairmen of the Chicago district.

John MacGregor and M. L. Bezek were chosen to bring papers to the next meeting covering experiences of last year. The executive committee suggested the meetings of the Association be held every month.

Connecticut Greenkeepers Meet

THE first meeting of the Connecticut State Greenkeepers Association was held at the Wethersfield Country Club, Wethersfield, Connecticut, February 7.

John O. Campbell, greenkeeper of the club welcomed the visitors and called the meeting to order.

May we quote you on your spring requirements

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DETROIT, MICH.

"Quality Grass Seed for a Quarter Century"

After general discussion as to the purpose of the Association the following officers were elected:

President, John O. Campbell, Wethersfield Country Club; vice president, Joe Whitehead, Middletown Golf Club; secretary, George Wellen, Tunoll-Brook

Hello—Here's France

Le Touquet (Pas-de-Calais) France
le 19 Decembre, 1928

As we are very desirous of keeping in touch with American greenkeeping theories I should be glad to know if you can send us your periodical. At the same time would you kindly inform me if one has to become a member to receive this, and the amount of the subscription in either case. I should also be very grateful for information as to other literature published by your society.

Thanking you in advance,

Believe me, dear Sirs,

Yours faithfully,

Le Touquet Golf Club.

(Signed) Donald Stancha, President

Golf Club; treasurer, Otto Nelson, Farmington Country Club; board of directors, James Langland, Madison Country Club; T. Foster, Manchester Golf Club; T. Griswold, Womponoag Golf Club.

The next meeting will be held March 1 at the Middleton Golf Club.

A full line of Course Equipment



Write for Catalog and Prices

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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

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Armco Culvert Mfrs. Association.

Arsenate of Lead
Sherwin-Williams Company
Grasselli Chemical Co.

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.

Bird Houses
Michigan Cedarcraft Co.

Bridge Floors
Armco Culvert Mfrs. Association

Catchbasins, Corrugated Iron
Armco Culvert Mfrs. Association

Charcoal
Cleveland Charcoal Supply Co.

Cocoas Creeping Bent Seed
Lyman Carrier, Inc.
Stumpp and Walter Co.

Compost Distributors
Toro Mfg. Company
Hayden Mfg. Co.

Compost Mixers
Toro Mfg. Company

Drainage Engineers
Wendell P. Miller and Associates

Drainage Gates
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Dump Carts
Toro Mfg. Company
Worthington Mower Company
Ideal Power Lawn Mower
Peter Henderson & Co.

Fairway Rollers
Toro Mfg. Company

Fairway Mowers
Pennsylvania Lawn Mower Works
Toro Mfg. Company
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Ideal Power Lawn Mower

Fencing
Michigan Cedarcraft Co.

Fertilizers
Milwaukee Sewerage Commission
Golf Course Supply Company
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Lyman Carrier, Inc.
R. L. Skove
Synthetic Nitrogen Products Corp.
Peter Henderson & Co.
Grasselli Chemical Co.
Arthur D. Peterson, Inc.

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Hayden Mfg. Co.
O. E. Thompson and Sons

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Golf Equipment
Michigan Cedarcraft Co.
Freidag Mfg. Co.
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Peter Henderson & Co.
Arthur D. Peterson, Inc.

Golf Flags
Stumpp & Walter Company
Peter Henderson & Co.
Standard Mfg. Co.
Arthur D. Peterson, Inc.

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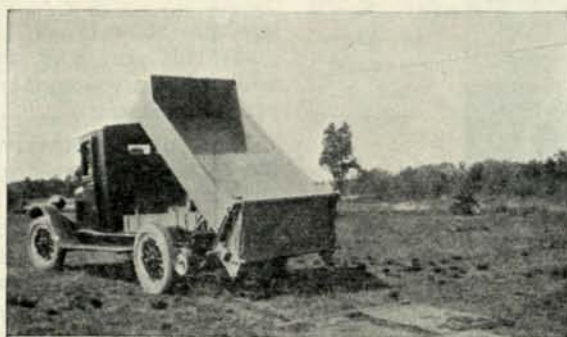
Well Casings, Corrugated Iron

Armco Culvert Mfrs. Association

Worm Eradicators

Reade Mfg. Company.
Peter Henderson & Co.

Urann Fairway Compost Spreader



URANN FAIRWAY COMPOST SPREADER
This outfit is economical and inexpensive

The Urann Fairway Compost Spreader, manufactured by Hayden Manufacturing Co. of Wareham, Mass., which was developed a few years ago, has met with enthusiastic reception by greenkeepers wherever used. It has proved to be by far the most efficient and economical apparatus yet devised for an even distribution of compost and top-dressing materials.

The spreader is furnished either as an attachment or as a complete unit with a steel dump body, ready to mount on any of the popular trucks of one ton capacity. Wide roller tires can be furnished and are recommended for use on soft turf where ruts are not permissible.

The accompanying illustration shows top-dressing attachment on

a steel dump body, elevated to working position. The driving pulleys of the spreading mechanism are in direct contact with the rear tires of the truck, and as the truck moves forward, the material is distributed evenly, at any depth desired from one-half inch to two inches, at the rate of one cubic yard in two minutes.

This apparatus has proved itself distinctly a labor and money saver to those who have used it, the actual saving being approximately thirty dollars an acre where a depth of one inch of material was distributed. The original cost of the spreading attachment can be eliminated by the saving in top-dressing about seven acres.

Hand Fertilizer Spreaders

The use of highly concentrated dry commercial fertilizers is increasing rapidly. These high concentrates are principally composed of plant food matter, where ordinary fertilizers contain from 12 to 20%. This reduces the bulk of material which has to be handled but calls for greater accuracy in the rate of distribution and more uniform spreading of the material.

This situation was sensed by one of the oldest manufacturers in the agricultural field—O. E. Thompson & Sons, 361 River Blvd., Ypsilanti, Michigan, established in 1857. This

company for over 50 years has been building grass seeders for broadcasting and spreaders, and out of this experience has developed a line of wheelbarrow type spreaders for spreading these highly concentrated dry fertilizers uniformly and accurately as rapidly as a man will walk.

Machines have been developed for the fine dry powders which require a very thin application up to and including the more heavily applied fertilizers. The quantities to be spread can be accurately gauged. The machines spread only as the

wheel turns on the ground. The hoppers are kept close to the ground so that wind does not affect the spreading. The experience of this company in building grass seeders for broadcasting from the finest to the coarsest seeds, which vary so greatly in the amounts sown per acre, was of great value in developing the type of equipment which would give the best results in handling these present day chemical fertilizers.

Radwaner Leases Warehouse

It may be of interest to the trade to know that we have obtained a long lease in a warehouse at 49 Water Street, downtown New York, where we will take care of golf and grass seed trade, also wholesale field seed trade, mixing, staining, and cleaning and now we are better equipped to handle the seed business than originally in conjunction with our present office which still is at 115 Broad St., New York.

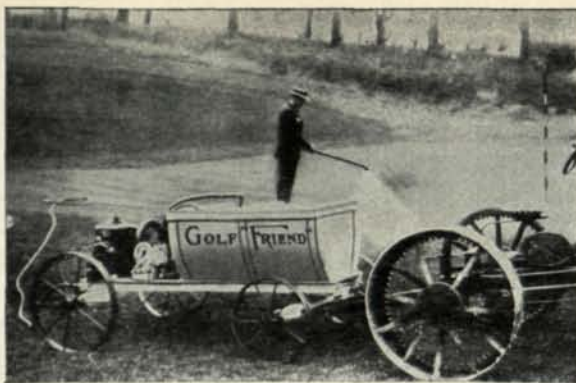
Our new warehouse is in a very handy location and we will be able to take care of our friends for quick spring deliveries to much better advantage than heretofore.

I. L. Radwaner Seed Co., Inc.

Sprayers Save Money

Golf courses, like orchards, potato fields and vineyards, are subject to the ravages of insect and fungus pests. The only safe way to control these pests and ensure that perfect condition so necessary for the best playing, is by constant and persistent applications of insecticides and fungicides. Fertilizer also plays an important part in the development of a perfect golf course.

But how can these three solutions be applied so that the grass may receive the full benefit of the applications? It is conceded that grass cannot utilize from four to six pounds of ammonium sulphate per thousand feet, before at least one-half of the fertilizer is washed below the grass roots and into the sub-



FRIEND SPRAYER FOR GOLF COURSES

soil by successive sprinklings. Such applications are a gross wastage of fertilizers.

The most effective and economical way to apply soluble fertilizer is to dissolve it in the compartment tank of the "Friend" Golf Course sprayer, and apply weekly with the "Friend" golf spray gun in diluted form, and wash it in once a month.

In this way the growth is naturally vigorous, as the grass roots are able to consume the nutrition without being over-taxed. Fungicides and insecticides are applied in the same satisfactory way.

Complete information and catalogs can be had by writing Friend Mfg Co., Gasport, N. Y.

Standard Accessories

Standard Mfg. Co. at Cedar Falls, Iowa have for several years been marketing a line of strictly high grade golf course accessories, including flag poles, tee markers, hole cups, bag racks and durable metal signs and yardage markers, also arrow markers for tees giving the number of the hole, the yardage and the par. These are especially useful where sand boxes have been done away with.

The Standard flag pole made of metal is indestructible and will not warp, is very light in weight and is furnished in combinations of either red and white or yellow and black to provide different color poles for inside and outside holes.

This company also makes metal entrance signs of solid cast aluminum with raised letters to mark the entrances to golf clubs which are neat and dignified and more durable than wood.

This company has a unique selling plan. They sell their goods on a plan of offering to ship them on open account to any golf course anywhere with a distinct understanding that if after ten days free trial the goods are not satisfactory in every respect they may be returned for full credit and the charge will be cancelled. One can easily understand that it takes the highest grade of merchandise to be sold successfully

under such a plan and the company states that they have been selling these goods under this plan for some time and are glad to report that they have had absolutely no returns of any kind.

New Catalogs

Pennsylvania Mowers

A handsome new catalog in two colors describing Pennsylvania Quality Mowers for golf courses, parks and private estates has just been issued by the Pennsylvania Lawn Mowers Works, 1645 N. 23rd St., Philadelphia. This company has been in business 52 years, having been founded in 1877 by Mr. John Braun.

The present Pennsylvania mowers were first developed for use in Scotland and most of the leading courses there, including St. Andrews, used them. Back in 1867, E. G. Passmore, Philadelphia, designed the first side wheel, internal gear lawn mower and they were manufactured by Mr. John Braun of the firm of Goodall, Braun and Waters.

Later in 1876 Mr. Braun pioneered in the development of the

Classified Employment

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

modern mowers of today which gives this company a background and experience second to none in the United States.

The new Pennsylvania catalog not only illustrates and describes their line of Hand Mowers for Lawns and Putting Greens but horse-drawn and tractor units in single, triple and five gang series.

Back of the Pennsylvania product is a factory and service which covers every section of the United States. The company will be glad to send copy of this catalog free upon request by addressing them at the above address.

Golf Turf

Grass for golf, tennis, football, polo and aviation, parks and lawns is the subject of a new catalog for 1929 just issued by the Stumpp & Walter Company, 30-32 Barclay Street, New York City.

This company specializes in fine grass seed and they have been in this business nearly 33 years. The new catalog gives interesting information on the building of golf courses and their maintenance with many interesting photographs illustrating the work the greenkeeper has to do.

An entire section is devoted to a careful analysis of turf-making grasses with a chapter on identifica-

WHEN

Will YOUR playing season begin?

It is a matter of record that golf courses with Miller Engineered Drainage have extended their playing season three and four months. That pays.

Reduced maintenance cost is another result. We work cooperatively with architect or local contractor.



WENDELL P. MILLER
and Associates

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Engineers - - Constructors
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