

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
Wendell P. Miller and Associates

Ball Washers
J. Oliver Johnson, Inc.
Worthington Mower Company
Ideal Power Lawn Mower Co.
G. B. Lewis Company

Ball Locators
Worthington Mower Company

Bent-Coos County State Sealed and Certified
J. M. McCullough's Sons Company
Seaside Bent Company

Bent Seed—Cocoons Creeping
Stumpp & Walter Company

Bent Seed—Prince Edward Island
J. M. McCullough's Sons Co.

Bent Stolons
Hubbard Nurseries
O. M. Scott & Sons Co.
Stumpp & Walter Co.
Ohio Humus Products Co.
Illinois Grass Co.
Hiram F. Godwin

Bluegrass—Seed
J. G. Peppard Seed Company

Brown Patch Control
Stumpp & Walter Co.
J. Oliver Johnson, Inc.
Arthur D. Peterson, Inc.
American Cyanamid Sales Co.
C. B. Dolge Company

Cast Iron Pipe
McWane Cast Iron Pipe Co.

Charcoal
Cleveland Charcoal Supply Company

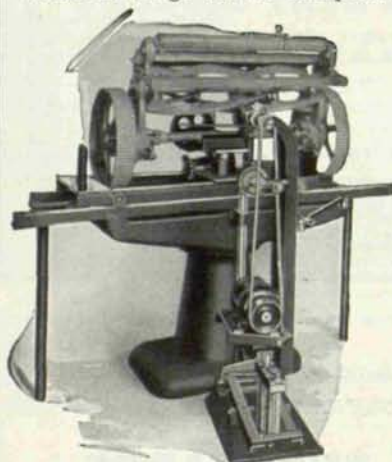
Compost Distributor
Toro Mfg. Company

Compost Mixer
Toro Mfg. Company
Royer Foundry & Machine Co.
Beardsley & Piper Company

Drainage Engineers
Wendell P. Miller and Associates

Dump Carts
Toro Mfg. Company
J. Oliver Johnson, Inc.
Worthington Mower Company
Peter Henderson & Co.
Ideal Power Lawn Mower Co.

FOR BETTER GREENS Use a Hardinge Mower Sharpener



Sharpens quickly and accurately the bed knives and reels of all mowers.

Manufactured by
HENRY H. DOTY
Glenview, Illinois

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Fairway Fertilizers

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Fairway Irrigation
Buckner Mfg. Co.
Campbell Irrigation Company
Economy Irrigation Company
L. R. Nelson Mfg. Company

Fairway Mower Blades

The Budd Mfg. Company
Fairway Mowers
Pennsylvania Lawn Mower Works
Toro Mfg. Company
E. G. Staudt Mak-A-Tractor Co.
Ideal Power Lawn Mower Company
Worthington Mower Company
The F. & N. Lawn Mower Co.
National Mower Company

Fairway Rollers

Toro Mfg. Company

Worthington Mower Company

Fairway Tractors

International Harvester Co., of America

Fertilizers
Milwaukee Sewerage Commission
J. Oliver Johnson, Inc.
Peter Henderson & Co.
Nitrate Agencies Co.
Atkins & Durbrow, Inc.
Arthur D. Peterson, Inc.
American Cyanamid Sales Co.
Lyman Carrier Company
Bayer-Semesan Company
Synthetic Nitrogen Products
Wayside Gardens Company

Fertilizer Distributors

International Harvester Co. of America

Synthetic Nitrogen Products Corp.

Flag Poles

Ideal Power Lawn Mower Company

Standard Mfg. Company

Flexible Steel Mats

J. Oliver Johnson, Inc.

Fungicides

Bayer-Semesan Company, Inc.

Sherwin-Williams Company

Golf Course Construction

Ohio Humus Products Co.

Golf Equipment

Stumpp & Walter Co.
Peter Henderson & Co.
Arthur D. Peterson, Inc.
Ideal Power Lawn Mower Co.
Lawn Equipment Corp.
T. W. Wood and Sons
Worthington Mower Company

Golf Flags

Ideal Power Lawn Mower Co.
Stumpp & Walter Company
Peter Henderson & Co.
Arthur D. Peterson, Inc.

Greens Fertilizers

Synthetic Nitrogen Products Corp.

Greens Sprinklers

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

Hand Mower Blades

Budd Mfg. Company

Hole Cups

Standard Mfg. Company

Hole Cutters

Ideal Power Lawn Mower Co.
Lawn Equipment Corp.
Standard Mfg. Company

Hole Liners

Chilton Crocker Company

Hole Rims

Ideal Power Lawn Mower Co.
Arthur D. Peterson, Inc.

Horse Drawn Mowers

Pennsylvania Lawn Mower Works
Worthington Mower Company
International Harvester Co. of America
Ideal Power Lawn Mower Co.
Roseman Tractor Mower Co.

Hose

Peter Henderson & Co.
Arthur D. Peterson, Inc.

Humus

Hyper-Humus Company
Ohio Humus Products Co.
Peter Henderson & Co.
Atkins & Durbrow, Inc.
Richard Gerstell

Insecticides and Fungicides

American Cyanamid Sales Co.
Sherwin-Williams Company
Bayer-Semesan Company

Iron Pipe

McWane Cast Iron Pipe Co.

Lawn Mowers

Pennsylvania Lawn Mower Works
Toro Manufacturing Company
Worthington Mower Company
Ideal Power Lawn Mower Co.
The F. & N. Lawn Mower Co.
Jacobsen Manufacturing Company

Lime

Limestone Products Corporation of America

Lime Spreaders

International Harvester Co. of America

Mowing Equipment

E. G. Staudt Mak-a-Tractor Co.
Toro Mfg. Company
Pennsylvania Lawn Mower Works
Ideal Power Lawn Mower Co.
Worthington Mower Company
Arthur D. Peterson, Inc.
International Harvester Co. of America
Roseman Tractor Mower Co.
The F. & N. Lawn Mower Co.
Jacobsen Mfg. Company
National Mower Company

Motor Trucks

International Harvester Co. of America.

Mower Sharpeners

Fate-Root-Heath Company
Toro Manufacturing Company
Henry H. Doty
Palmer-Bee Company

Nitrophoska

Synthetic Nitrogen Products Corp.

Market Place and Buyers' Guide---

Peat Moss
Atkins & Durbrow, Inc.
Richard Gertstell

Poa Annua
J. M. McCullough's Sons Co.

Power Mowers
Cooper Mfg. Company
Toro Manufacturing Company
Worthington Mower Company
International Harvester Co. of America.
Jacobsen Mfg. Company
Ideal Power Lawn Mower Company

Putting Cup Illuminators
Chilton Crocker Company

Putting Green Mowers
Toro Mfg. Company
Pennsylvania Lawn Mower Works
Worthington Mower Company
Cooper Mfg. Company
Ideal Power Lawn Mower Co.
Roseman Tractor Mower Co.
The F. & N. Lawn Mower Co.
Jacobsen Mfg. Company

Power Mower Blades
The Budd Mfg. Company

Power Putting Green Mowers
Jacobsen Mfg. Company
Worthington Mower Company
Ideal Power Lawn Mower Company

Rakes
Pennsylvania Lawn Mower Works
Rhode Island Bent Seed
A. N. Peckham

Rhode Island Bent Seed
A. H. Peckham

Rollers
Stumpp & Walter Company
Toro Mfg. Company
Worthington Mower Company

Rough Mowers
Toro Manufacturing Company
Pennsylvania Lawn Mower Works
Worthington Mower Company
Ideal Power Lawn Mower Co.
Roseman Tractor Mower Co.
Jacobsen Mfg. Company

Seed
Henry A. Dreer
O. M. Scott & Sons Co.
J. Oliver Johnson, Inc.
Stumpp & Walter Co.
A. N. Peckham
Peter Henderson & Co.
J. M. McCullough's Sons Co.
Illinois Grass Co.
Arthur D. Peterson, Inc.
J. G. Peppard Seed Company
Lawn Equipment Corp.
Philadelphia Seed Co.
Henry A. Dreer
T. W. Wood & Sons
Seaside Bent Company

Seaside Bent
Seaside Bent Company

Signs
Standard Mfg. Company

Sod Cutters
J. Oliver Johnson, Inc.
Pacific Greenkeepers' Appliance Co.

Sprayers
Hardie Mfg. Company
Friend Mfg. Company

Sprinklers
L. R. Nelson Mfg. Company
Buckner Mfg. Company
Thompson Mfg. Co.
Economy Irrigation Company
Pelican Works
Campbell Irrigation Company

Spuds
Diamond-Calk Horseshoe Company

Stolons
O. M. Scott & Sons Co.
Hubbard Nurseries
Hiram F. Godwin

Sulphate of Ammonia
Synthetic Nitrogen Products Corp.
Koppers Products Company

Tee Markers
Standard Mfg. Company

Tee Mowers
Toro Manufacturing Company
Pennsylvania Lawn Mower Works
Worthington Mower Co.
Ideal Power Lawn Mower Co.
Jacobsen Mfg. Company

"Everything for The Golf Course"

Write for Catalog

ARTHUR D. PETERSON

420 Lexington Avenue
NEW YORK CITY, N. Y.

Tee Stands
Worthington Mower Co.

Tillage Implements
International Harvester Co. of America

Top Dressing
Hyper-Humus Company
The Ohio Humus Company
Atkins and Durbrow, Inc.
Richard Gertstell

Top Soil Dresser
Beardsley & Piper Company

Tractors
E. G. Staude Mak-A-Tractor Co.
Toro Manufacturing Company
Worthington Mower Co.
International Harvester Co. of America
Ideal Power Lawn Mower Co.
Roseman Tractor Mower Co.
R. S. Horner
National Mower Company

Tractor Wheels and Spuds
R. S. Horner

Urea
Synthetic Nitrogen Products Corp.

Water Pipe
McWane Cast Iron Pipe Co.

Worm Eradicators
Peter Henderson & Co.
C. B. Dolge Company

Standard Hole Cutter

"Cuts True" is the name of a new hole cutter put on the market this spring by the Standard Mfg. Co., Cedar Falls, Iowa. The makers claim that it is a better hole cutter at a lower price, that it cuts true and clean, that it is easier to operate, and it is built strongly enough to assure years of service.

This company has for sometime been manufacturing very high-grade golf equipment and has built a reputation for quality that is known throughout the country. In putting their new hole cutter on the market they offer the following features.

In the first place the expeller foot plate is made of heavy steel and will not bend, become loose, or get out of line. Secondly, the expeller disc fits snugly to the inside of the rim so there is no clogging.

Perhaps more important is the exclusive design of the cutting edge which is of hardened steel and has a three-point contact. In other words the cutting edge is scalloped which gives the slicing cut and works in either direction. The effort involved in cutting a hole is about one-half that of a straight edge hole cutter.

Everything about the "Cuts True" hole cutter is as high grade, as material and workmanship can make it. The rim is of hardened steel throughout its entire length, scours easily and keeps clean.

The manufacturers will be glad to send to greenkeepers a circular describing and

showing details of construction of this new hole cutter by writing them at the above address.

Supper Takes Ideal

The Ideal Equipment Company, Mr. M. A. Supper, president, Port Washington, Wisconsin, has recently made arrangements as distributors of Ideal Lawn and Golf Equipment, with headquarters at Port Washington, Wisconsin.

They handle a complete line of power mowers, tractors, lawn and golf course supplies and equipment, as well as cemetery supplies.

Mr. Supper was formerly Sales Manager of the Bolens Manufacturing Company at Port Washington.

Built Stronger 50% Better Traction

THE R. H. GOLF WHEEL

(FORDSON TRACTORS)

Designed by a Golf Course Mechanic
(SOLD IN SINGLES, PAIRS OR FULL SETS)
Immediate Shipment
EXTENSION RIMS, ETC.



Heavy Rims, Easier Steering, Better Traction.
Rounded Edges to Protect Turf.

R. S. HORNER, Geneva, Ohio

Manufacturer of
SQUARE SHOULDER WHEEL SPUDS, R. H.
TRACTOR, GOLF WHEELS.

Write for Literature on Golf Equipment.

Tractor Wheel Spuds



The R. H. wheel spuds save time installing and removing, they are made in many sizes for any type tractor or purpose.

Low price and quality has been welcomed by Golf Clubs, in use on 2,000 clubs.

Sample spud and circular on request; advise make of tractor and purpose used for.

(If your Ford or Equipment dealer cannot supply, write direct.)

IMMEDIATE
SHIPMENT.

R. S. Horner, Geneva, Ohio

Manufacturer of
Wheel Spuds, Golf Cart, Golf Wheels for
Fordson old and new type.



DIAMOND STEEL CENTER TRACTOR SPUDS

Long wearing and sharp until completely worn out—because of hard tool-steel center—outside wears away faster. Made in all sizes to fit any size or make of tractor.

If your dealer can't supply you, write direct for sample or literature.

DIAMOND CALK HORSESHOE COMPANY
4700 Grand Ave. Duluth, Minn.

THE NEW IMPROVED SOILSLINGER COMPOST MIXER



ONLY \$150.00

The Beardsley & Piper Co.
2543 No. Keeler Ave. Chicago

The Soilslinger ideally combines new compost mixing efficiency with low cost. It thoroughly cuts, breaks, mixes and aerates compost, and delivers a perfectly blended compost into a fluffy pile or windrow.

Simple design and operation—few parts—nothing to wear out—special design of cutter blades improves mixing and aerating of materials—handles moist or dry material—no clogging—ample capacity—light weight for easy moving—any type of power—low cost.

The Soilslinger is a wonderful time and labor saver for the greenkeeper or gardener. It is just as efficient as larger units and costs much less.

Write for descriptive bulletin & prices

Building Golf Courses Sensibly

(Continued from page 21)

mite as the hole was made and attached the fuse to one only and then set it off. This was done in a third of the time that a shovel would take and it made a very fine job. In addition, the cost was much less.

On another course I laid out, we filled in eight holes with 18 inches of sand pumped out of a river bed alongside the course. We pumped a very large mound on to each site for the greens and then used the grader, the machine with the blade in front, to flatten out the mound. This operation required only an hour and a half, following which six men shaped up the green and traps in a short space of time. Sand, of course, is so much easier to work with than any other material.

Golf News

Construction activity continues in the Argentine where, on December first, Wendell P. Miller opened the new 36-hole course of the famous Jockey Club designed by Dr. Alister MacKenzie. Construction started in February and the course was seeded in June.

Their winters which come in July and August are mild. A complete Buckner California hoseless water system with 750 outlets and 36 hoseless tees was installed and proved the deciding factor in bringing through the seedlings for an opening within ten months of starting work.

After completing the Jockey Club course, Mr. Luther Koontz, engineer in charge for Wendell P. Miller, constructed two private courses, each with three greens and nine tees, several private irrigation systems, six miniature pitch and putt courses, and is now engaged in designing and constructing a new drainage system for the Argentine Golf Club.

This coming spring Mr. Koontz will install a California hoseless system for the Mar del Plata Golf Club. In the meantime, Mr. Koontz continues in charge of the Jockey Club grounds through the first playing season in order to give perfection to all the details, and look after the first year's fertilization.

It is expected that an American greenkeeper will be selected for this post, if the difference in money values can be overcome. Argentine dollars are worth now only thirty cents each in our money but have a high purchasing value in domestic goods and services. An American greenkeeper's salary at the current exchange puts the greenkeeper into the salary class of an Argentine bank vice-president and, of course, the Argentines cannot "see" it.

It is interesting to note that during his stay of three months in the Argentine, Dr. MacKenzie designed seven golf courses. One of these for the local yacht club is to be constructed on land which does not now exist—but is to be constructed when the government dredges a new harbor. This course should prove highly interesting as fifteen holes are reproductions of famous British links land holes, the other three are MacKenzie originations.

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 April, 1931.

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., Cleveland, Ohio; Editor, Managing Editor and Business Manager, Robt. E. Power, Cleveland, 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., Cleveland, Ohio. Robt. E. Power, 10601 Lake Ave., Cleveland, 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, 3119 South Moreland Blvd., Shaker Hts., Ohio; C. F. Lowe, Aurora, Ohio; Frank M. Power, 10601 Lake Ave., Cleveland, 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 16th day of April, 1931.

A. F. Reymer.

My commission expires Nov. 5, 1931.

HUBBARD NURSERIES
N. Kingsville, O.

A fine stand of genuine Washington strain of Bent.
Extra rich in nodes.



WASHINGTON STRAIN BENT GRASS

Strong, vigorous, year-old stolons, true to type. Fine velvety texture. Shipped shredded, ready for planting. Write for particulars.

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