## The National Greenkeeper and Turf Culture

### May, 1933

#### Golf Flags
- Ideal Power Lawn Mower Company
- Stump & Walter Company
- Peter Henderson & Co.
- Arthur D. Peterson
- Philadelphia Toro Company

#### Grass Seeder
- The Root Mfg. Co.

#### Greens Fertilizers
- Armour Fertilizer Works
- Synthetic Nitrogen Products Corp.

#### Greens Sprinklers
- Buckner Mfg. Co.
- Double Rotary Sprinkler Co.
- Perfection Sprinkler Co.

#### Hand Mower Blades
- Budd Mfg. Company

#### Hole Cups
- Standard Mfg. Company

#### Horse Drawn Mowers
- Pennsylvania Lawn Mower Works
- International Harvester Co. of America
- Worthington Mower Company
- Ideal Power Lawn Mower Co.
- Hose
- Peter Henderson & Co.
- Arthur D. Peterson

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

#### Hydro-Mixer
- McClain Brothers Company

#### Insecticides and Fungicides
- American Cyanamid and Chemical Corp.
- Sherwin-Williams Company
- Bayer-Semesan Company
- Arthur H. Bixman & Co.
- Mallinckrodt Chemical Works

#### 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. L. Mower Co.
- Jacobsen Manufacturing Company

#### Lime Spreaders
- International Harvester Co. of America

#### Mower Blades
- The Budd Mfg. Co.

#### Mowing Equipment
- Toro Mfg. Co.
- Pennsylvania Lawn Mower Works
- Worthington Mower Company
- Jacobsen Manufacturing Company

#### Motor Trucks
- International Harvester Co. of America

#### Mower Sharpeners
- Fage-Root-Head Company
- Toro Manufacturing Company
- Henry H. Doty
- Palmer-Hoe Company

#### Nitrophoska
- Synthetic Nitrogen Products Corp.

#### Peat Moss
- Atkins & Durbrow, Inc.
- Richard Gertstoll

#### Perforator
- Philadelphia Toro Company
- J. F. Buel

#### Poa Annuas
- 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
- Roseman Tractor Mower Co.
- Jacobsen Mfg. Company

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

#### Rakes
- Pennsylvania Lawn Mower Works

#### Rhode Island Bent Seed
- A. N. Peckham

#### Rollers (Hand)
- John H. Graham & Co., Inc.
- Stump & Walter Company

#### Rollers (Fairway)
- John H. Graham & Co., Inc.
- Toro Mfg. Company
- Worthington Mower Company

#### Rollers
- Stump & 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
- Philadelphia Toro Company
- International Harvester Co. of America
- Gravely Mower & Cultivator Co.

#### Seaside Bent
- Seaside Bent Company

### Wheel Spuds

- Quickest to put on and take off. Doubles traction.
- Durable and low priced.
- All sizes for all purposes.
- Samples and circulars sent free on request.
- Advise make of tractor and purpose intended.
- If your Ford or equipment dealer cannot supply, write direct.
- Immediate shipment.
- Prices Reduced.

- Golf wheels and all Fordson Tractor parts in stock, new and used.

#### Shower Nozzle
- McClain Brothers 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. Co.
- Economy Irrigation Company
- Campbell Irrigation Company
- Double Rotary Sprinkler Co.
- Perfection Sprinkler Co.

#### Spuds
- Diamond-Calk Horseshoe Company

#### Stolons
- O. M. Scott & Sons Co.
- Hubbard Nurseries
- Lyman Carrier

#### Sulphate of Ammonia
- Synthetic Nitrogen Products Corp.

#### 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

#### Tee Stands
- Worthington Mower Co.

#### Tillage Implements
- International Harvester Co. of America
Market Place and Buyers’ Guide---

Top Dressing

Hyper-Humus Company
The Ohio Humus Company
Atkins and Durbrow, Inc.

Tractors

E. G. Stande 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
Gravely Mower & Cultivator Co.

Tractor Wheels and Spools

R. S. Horner

EMPLOYMENT DEPARTMENT

GREENKEEPER WANTED

I have a position open for an all-around man, experienced in upkeep of an 18-hole sand green course. Must be A-1 with mowing equipment and machinery. Only one who takes interest in his work and sees that the job is done will be considered. Address all inquiries to Box 10, The National Greenkeeper and Turf Culture, Caxton Building, Cleveland, Ohio.

POSITIONS WANTED

Experienced greenkeeper with splendid references desires position in the Chicago district. Understands thoroughly soil and climatic conditions. Good man for any club. Address inquiries to Box A, The National Greenkeeper and Turf Culture, Caxton Bldg., Cleveland, Ohio.


Pro-greenkeeper or greenkeeper with best of recommendations and thorough experience in maintenance and construction. References furnished upon request. Address inquiries to Box C, The National Greenkeeper and Turf Culture, Caxton Bldg., Cleveland, Ohio.

Turf Fertilizers

 Armour Fertilizer Works

Underground Hose Locker

McClain Brothers Company

Urea

Synthetic Nitrogen Products Corp.

Water Pipe

McWane Cast Iron Pipe Co.

Wood Charcoal

Wood Charcoal Research Bureau

Worm Eradicators

Peter Henderson & Co.

C. B. Dolge Company

Reede Mfg. Company

Turf Fertilizers

Nit-tee-ant

will keep new-cut Greens free of ant hills and worms and not injure turf. Trial order to make fifty gallons.

$7.00 delivered or buy it of your dealer

Satisfaction or Money Refunded

The Royal Products Co.

216-218 S. Charles Street

Baltimore - Maryland, U. S. A.

Better Greens

Better greens at lower maintenance cost is the slogan of the Jacobsen Mfg. Company, Racine, Wisconsin.

In a catalog recently issued they explain the economy which may be affected through the use of their mowing outfit and furnish a compilation of figures which appear to be quite conclusive.

This catalog is illustrated with views of estates and golf courses and explains quite accurately the character of their equipment.

It is quite significant that they have a brush attachment on their power lawn mower which agitates the turf and improves its general condition.

Jacobsen has a power mower for every cutting job whether it may be golf courses, estates, parks or cemeteries. The cutting width runs from 18 to 30 inches. Complete information may be had by writing the company at the above address.

Domestic peat HUMUS

Pure organic material, ideal for soil improvement purposes. Complies with U. S. Gov’t Specifications—available in finely fibrous or coarse form—Tell us your requirements. Shipment by bag, truck or carload units.

Hyper-Humus Co. of Newton, N. J.


Bettering Maintenance at Small Town Golf Courses

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(Cocontinued from page 13)

shoveling, and are using one of the newer types of topdressing distributors. These enable the work to be done in a fraction of the time that the work formerly took by hand and the application is much even. In this and other cases, the money spent by some clubs for equipment of this type is proving to be a far-sighted economy.

There are great opportunities for the extension of golf in the smaller communities of the country. The small town golf clubs are playing an important part in the social and recreational life of the community. Those responsible for keeping the smaller courses should aim high. Already many small town greenkeepers have demonstrated that the large clubs have no monopoly on good layout, natural beauty, or fine turf.

The Perfection Sprinklers

T he Perfection Sprinkler Company, Plymouth, Michigan, are introducing a new product in their line which operates at a very low water pressure. This is due to the invention of a new spray nozzle which has revolutionized the rotary type of sprinkler by completely eliminating the several objectionable features which have been the cause of much trouble in the past.

The makers claim that in operation it intermittently interrupts in such a way as to deliver the correct amount of water at all distances from the center, the result being perfectly even distribution over the entire sprinkled area.

Groundskeepers should be interested in the right way to water greens. The truth is that water should be put upon the turf as fast as it will go down straight into the soil. If it goes down faster than the soil will absorb, the result is too many low spots and depleted high spots.

Slow, even watering is the right way and while it may take a little longer it is much more efficient and economical.

The company has a circular which explains their method, which may be had upon request.
The U. S. Golf Association and U. S. Department of Agriculture devoted years of research to discovering the most certain, the most economical method of combating brown patch. The Mallinckrodt Chemists devoted their efforts to supplying those chemicals and compounds that most perfectly meet the dictates of these brown patch researchers. CALO-CLOR, an efficient fungicide saving one-half to two-thirds the usual cost, was the result. The complete story is contained in our folder "Brown Patch Control with Economy." Write us or your dealer for a copy.

CALO-CLOR
MALLINCKRODT
CHEMICAL WORKS

PERFECTION Sprinklers
A NEW, INDESTRUCTIBLE, PRESSURED STEEL, DISC BASE (Pat. Appl'd for) that can be dragged without causing slightest turf damage. Perfect distribution at all pressures—never over 60 lbs. required. Constant slow motion under all conditions without adjustments. Not affected by side hill settings or wind. Nothing to adjust—Self-starting—Fool-proof. Maximum coverage for any given pressure—75-80 lbs. required. Only 1/2" hose required. Operates perfectly on low pressure. Entirely rust-proof. There's a Perfection dealer near you—if he fails to show you Perfections, write us direct.

PERFECTION SPRINKLER CO., Plymouth, Mich.

The New PEERLESS, JR. Mower Sharpener
Equipped with Attachment for grinding body torn straight blades, and Special Grinding Wheel for grass and hedge shears, sickles, scythes, etc.
A high-grade Mower Sharpener of ample size and capacity at a very low price. Grinds all makes of power mowers and tractor units with blades up to 36 inches wide, as well as putting green and hand lawnmowers, without removing wheels or reel knives. Equipped with Reconditioner for "lapping in" with emery paste. Write for descriptive folder and price.

THE FATE-ROOT-HEATH CO., 653-569 Bell Street
Plymouth, Ohio