

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

Arsenate of Lead
Sherwin-Williams Company
Grasselli Chemical Co.

Airport Seeds
Seaboard Seed Co.

Airport Drainage
Armco Culvert Mfrs. Association
Wendell P. Miller and Associates

Ball Washers
J. Oliver Johnson, Inc.
Worthington Mower Company

Ball Locators
Worthington Mower Company

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

Bent Seed—Cocoas Creeping
J. M. McCullough's Sons Company
Bent Seed—Prince Edward Island
J. M. McCullough's Sons Company

Bent Stolons
Hubbard Nurseries
O. M. Scott & Sons Co.
Stumpp & Walter Co.
Ohio Humus Products Co.

Bridge Floors
Armco Culvert Mfrs. Association

Brown Patch Control
Stumpp & Walter Co.
J. Oliver Johnson, Inc.
American Seed Co.
Reade Mfg. Co.
Golf Course Supply Co.

Catchbasins, Corrugated Iron
Armco Culvert Mfrs. Association

Cast Iron Pipe
McWane Cast Iron Pipe Co.

Charcoal
Cleveland Charcoal Supply Co.

Cocoas Creeping Bent Seed
Stumpp & Walter Company
Lyman Carrier, Inc.
Seaboard Seed Co.

Compost Distributor
Toro Mfg. Company

Compost Mixer
Toro Mfg. Company
Kemp Mfg. Company

Compost Screen
Ideal Power Lawn Mower Company
Company

Drainage Engineers
Wendell P. Miller and Associates

Drainage Gates
Armco Culvert Mfrs. Association

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

Fairway Irrigation
Buckner Mfg. Co.

Fairway Mower Blades
The Budd Mfg. Company

Fairway Mowers
Pennsylvania Lawn Mower Works
Toro Mfg. Company
E. G. Staude Mak-A-Tractor Co.
Ideal Power Lawn Mower Company
F. and N. Lawn Mower Co.
Worthington Mower Company
National Mower Co.

Fairway Rollers
Toro Mfg. Company

Fertilizers
Milwaukee Sewerage Commission
J. Oliver Johnson, Inc.
Peter Henderson & Co.
Grasselli Chemical Co.

Lyman Carrier, Inc.
Golf Course Supply Co.
T. W. Wood and Sons.
Virginia-Carolina Chemical Corp.

Flag Poles
Ideal Power Lawn Mower Company
Standard Mfg. Company

Flexible Steel Mats
J. Oliver Johnson, Inc.
Golf Course Supply Co.
Sherwin-Williams Company
Grasselli Chemical Co.

Golf Course Construction
Ohio Humus Products Co.

Golf Equipment
Stumpp & Walter Co.
Peter Henderson & Co.
Lawn Equipment Corp.

Golf Flags
Ideal Power Lawn Mower Co.
Stumpp & Walter Company
Peter Henderson & Co.

Golf Cart
Ideal Power Lawn Mower Co.

Greens Mower Blades
The Budd Mfg. Company

Greens Mowers
Ideal Power Lawn Mower Co.
F. & N. Lawn Mower Co.

Greens Sprinklers
L. R. Nelson Mfg. Co.
Buckner Mfg. Co.

Hand Mowers
Ideal Power Lawn Mower Co.

Hole Cups
Standard Mfg. Co.

Hole Cutters
Ideal Power Lawn Mower Co.
Lawn Equipment Corp.

Horse Drawn Mowers
Pennsylvania Lawn Mower Works
Worthington Mower Company
Roseman Tractor Mower Co.

Hose
Peter Henderson & Co.
Philpott Rubber Co.

Hole Rims
Ideal Power Lawn Mower Co.

Hotel
Hotel Kentucky

Humus
Hyper-Humus Company
Ohio Humus Products Co.
Peter Henderson & Co.

Insecticides
Grasselli Chemical Co.
Peter Henderson & Co.
Sherwin-Williams Company

Iron Pipe
McWane Cast Iron Pipe Co.

Lawn Mowers
Pennsylvania Lawn Mower Works
Toro Manufacturing Company
F. & N. Lawn Mower Company
Worthington Mower Company

Mowing Equipment
E. G. Staude Mak-a-Tractor Co.
Toro Mfg. Company
Pennsylvania Lawn Mower Works
American Seed Company
Jacobsen Mfg. Company
Ideal Power Lawn Mower Co.
F. & N. Lawn Mower Co.
Worthington Mower Company
Roseman Tractor Mower Co.

Mower Sharpeners
Fate-Root-Heath Company
Toro Manufacturing Company
Henry H. Doty

Power Mowers
Toro Mfg. Company
Jacobsen Mfg. Company
Worthington Mower Company
Roseman Tractor Mower Co.

Power Mowers—Roller Type
Ideal Power Lawn Mower Co.

Power Mowers—Wheel Type
Ideal Power Lawn Mower Co.

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

Power Mower Blades
The Budd Mfg. Company

Rakes
Golf Course Supply Co.
Pennsylvania Lawn Mower Works

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

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

Seed
O. M. Scott & Sons Co.
J. Oliver Johnson, Inc.
Stumpp & Walter Co.
J. M. McCullough's Sons Co.
Lyman Carrier, Inc.
Golf Course Supply Co.
Henry A. Deer
Seaboard Seed Co.
A. N. Peckham
T. W. Wood and Sons.
Lawn Equipment Corp.
Peter Henderson & Co.

Signs
Standard Mfg. Company
Siphons, Corrugated Iron
Armco Culvert Mfrs. Association

Sod Cutters
J. Oliver Johnson, Inc.

Sprayers
Friend Mfg. Company
Hardie Mfg. Company

Sprinklers
L. R. Nelson Mfg. Company
Buckner Mfg. Company
Pelican Works

Sprinkling Carts
Reade Mfg. Company
Worthington Mower Company

Stolons
O. M. Scott & Sons Co.
Hubbard Nurseries
Illinois Grass Co.

Storm Sewers, Corrugated Iron
Armco Culvert Mfrs. Association

Street Culverts, Part Circle
Armco Culvert Mfrs. Association

Tee Mowers
Toro Mfg. Company
Pennsylvania Lawn Mower Works
Jacobsen Mfg. Company

Top Dressing
Hyper-Humus Company
The Ohio Humus Company

Tractors
E. G. Staude Mak-A-Tractor Co.
Toro Mfg. Company
Roseman Tractor Mower Co.
R. S. Horner
National Mower Co.

Tractor Wheels and Spuds
R. S. Horner

Tee Stands
Ideal Power Lawn Mower Co.

Water Pipe
McWane Cast Iron Pipe Co.

Well Casings, Corrugated Iron
Armco Culvert Mfrs. Association

Worm Eradicators
Reade Mfg. Company
Peter Henderson & Co.



Grasselli Grass Grower for Greens and Fairways

Contains 10% Ammonia, 6% Phosphoric Acid, 4% Potash. Purely mineral, it carries no weed seed or disease germs.

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Grasselli Arsenate of Lead Powder
for Earthworm Eradication

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Founded 1839

Cleveland Ohio
Branches in all important cities

Cast Iron Pipe For Irrigation Systems

Late years have seen a very notable increase in the use of cast iron pipe for golf course irrigation systems. That this has not come about sooner has been, perhaps more the fault of the pipe makers than of the golf course architects. The latter were quite ready to use pipe of so permanent a nature as cast iron, but consideration of cost, the employment of skilled joint makers, and the dearth of small diameter cast iron pipe placed them at a disadvantage in attempting to do so.

The McWane Cast Iron Pipe Company, with foundries in Birmingham, Ala., and Provo, Utah, however, has of late been putting a different face upon this situation, and the golf architects have given their new departure a very cordial reception.

The contribution of the McWane Company has been to bring out commercially a cast iron pipe as small as 1 1/4 and 2 inches in diameter at prices as low or lower than galvanized wrought pipe in many instances. This took care of the fact that a very large amount of the

Position Wanted
Young man desires connection with large club as assistant greenkeeper or as greenkeeper of small club. Acquainted with modern methods. References of ability and character available. Location not optional. Address: C. W., c/o The National Greenkeeper, 405 Caxton Bldg., Cleveland, Ohio.

Salesman Wanted
SALESMAN WANTED by golf course supply house—Eastern territory. Excellent prospects for right man. Address: A. D., The National Greenkeeper, 405 Caxton Bldg., Cleveland, Ohio.

Position Wanted
Position wanted as greenkeeper or constructionist. Ten years experience in building and reconditioning courses. Best of references. Address: W. W. W. c/o The National Greenkeeper, 405 Caxton Bldg., Cleveland, Ohio.

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Stimulates the Greens**

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195 Hoboken Ave. Jersey City, N. J.

pipe footage in a golf course watering system was in these new sizes for cast iron pipe, hitherto too small for it to be available by former casting methods.

Another difficulty in cast iron pipe was the joints. They required "yarning" the joints, pouring them full of molten lead on the job, and, finally, calking each joint by hand. With very small cast iron pipe coming in 5 and 6-foot lengths, this made a prohibitive amount of labor in the field using it.

The McWane company, however, brought out at the same time its "precalked" joint, which is a factory-made joint of the bell and spigot type, in which the lead, jute, etc., and a self-tightening feature were all delivered in place in the pipe bells, thus reducing pipe laying with

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PAY for themselves in reduced replacement expense. Can't rot, split or warp. Seamless tubular galvanized steel construction, beautifully lacquered. Always stand straight. Readily visible. Light in weight. Easy to handle.

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**Standard Manufacturing
Company**
Cedar Falls, Iowa



it to a matter of socketing the lengths and calking. This made laying speeds, also the cost, the same for cast iron as for wrought pipe, with screw joints.

A final improvement was the introduction of the threaded intermediate joint, by means of which cast iron pipe in small diameters could be delivered in 18-foot laying lengths, with a field joint to be calked only at these longer intervals.

Lawn Equipment Expands

Owing to the rapid increase in the business of the Lawn Equipment Company of Detroit, it has been necessary to open a branch office in Grand Rapids, Michigan, according to report of F. J. Fellman, manager. The Grand Rapids office will be in charge of Mr. S. F. Parmenter, who is well known by the golf trade in the Western district and Mr. Wm. G. Andre.

The Lawn Equipment Corporation is one of the oldest established concerns in the Detroit district and handles one of the most complete lines of lawn and golf equipment in the Middle West. They are located on Larned at Second Street, Detroit, Michigan.



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