

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

Ant Control

Royal Products Company

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—Cocoas 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
Lyman Carrier

Bluegrass—Seed

J. G. Peppard Seed Company

Brown Patch Control

Stumpp & Walter Co.
J. Oliver Johnson, Inc.
Arthur D. Peterson
American Cyanamid Sales Co.
C. B. Dolge Company
McClain Bros. Co.
Arthur Boggs & Co.

Charcoal

Cleveland Charcoal Supply Company
Wood Charcoal Research Bureau

Cocoas

Lyman Carrier
Stumpp & Walter Company

Compost Distributor

Toro Mfg. Company
The Root Mfg. Co.

Compost Mixer

Toro Mfg. Company
Royer Foundry & Machine Co.
Beardsley & Piper Company
Silver Mfg. Company
Kemp Mfg. Company

Compost Screen

Silver Mfg. Company

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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
Worthington Mower Company
The F. & N. Lawn Mower Co.
National 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
American Cyanamid and Chemical Corp.
Lyman Carrier Company
Bayer-Semesan Company
Synthetic Nitrogen Products
Wayside Gardens Company
Armour Fertilizer Works
Cobwell Reduction Co.
Garden Supply Company

Fertilizer Distributors

International Harvester Co. of America
Synthetic Nitrogen Products Corp.
The Root Mfg. Co.

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

Fairway Rollers

Toro Mfg. Company
Philadelphia Toro Company
Worthington Mower Company

Golf Architecture

Charles Evans, Jr., and Associates

Golf Course Construction

Ohio Humus Products Co.

Golf Equipment

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

Cultivators (Disc)

John H. Graham & Co., Inc.

Cultivators (Spike)

John H. Graham & Co., Inc.

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.

Fairway Fertilizers

Synthetic Nitrogen Products Corp.
Armour Fertilizer Works

Fairway Irrigation

Buckner Mfg. Co.
Campbell Irrigation Company
Economy Irrigation Company
L. R. Nelson Mfg. Company
Double Rotary Sprinkler Co.

Golf Flags

Ideal Power Lawn Mower Company
Stumpp & 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

L. R. Nelson Mfg. Co.
Buckner Mfg. Co.
Double Rotary Sprinkler Co.
Dan F. Ryan

Hand Mower Blades

Budd Mfg. Company

Hole Cups

Standard Mfg. Company

Hole Cutters

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

Hole Liners

Chilton Crocker Company

Hole Rims

Ideal Power Lawn Mower Co.
Arthur D. Peterson

Horse Drawn Mowers

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

Hose

Peter Henderson & Co.
Arthur D. Peterson

Humus

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

Hydro-Mixer

McClain Brothers Company

Insecticides and Fungicides

American Cyanamid and Chemical Corp.
Sherwin-Williams Company
Bayer-Semesan Company
Arthur Boggs & Co.

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 Spreaders

International Harvester Co. of America

Marvel Turf Conditioner

Walter B. Helms, Inc.

Mower Blades

The Budd Mfg. Co.

Mowing Equipment

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

Peat Moss

Atkins & Durbrow, Inc.
Richard Gertstell

Perforator

Philadelphia Toro Company
J. F. Buel

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 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.
Stumpp & Walter Company

Rollers (Fairway)

John H. Graham & Co., Inc.
Toro Mfg. Company
Worthington Mower Company

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
Philadelphia Toro Company
International Harvester Co. of America
Gravely Mower & Cultivator Co.

Seaside Bent

Seaside Bent Company

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Manufacturer
GENEVA OHIO

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
Henry A. Dreer
Philadelphia Seed Co.
Seaside Bent Company
Lyman Carrier

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. Company
Economy Irrigation Company
Campbell Irrigation Company
Double Rotary Sprinkler Co.
Dan F. Ryan

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. 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
Gravelly Mower & Cultivator Co.

Tractor Wheels and Spuds

R. S. Horner

Trees

Blue Ridge Evergreen Supply Co.

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
Reade Mfg. Company

Rehabilitating Old Courses

(Concluded from page 7)

If your club board of directors has in mind any extensive alteration of your golf course, study the problem yourself, then go to your chairman of greens, or whoever you deal with, and make yourself heard. If he has in mind hiring some alleged authority on golf construction who you know to be what in legal parlance is called a "shyster" (a fellow who doesn't know his stuff), tell him the danger of such a procedure.

Go over the course with your chairman, and show him how much money it will cost to do the job well—to have interesting greens and hazards, and to carpet the fairways with real turf. Try to find out how much the club intends spending, and figure out for yourself whether it will do the job. If you are convinced the money allotted will not cover materials and labor, speak your mind. Better to have an old-fashioned course, well kept up, than a fancy new one with only a few blades of grass here and there.

ALVES DOES NOT ADVISE RECONSTRUCTION

I do not advise any reconstruction. Far from it. I hope that there will be much rehabilitation in the next few years; it

will make more work for the bona fide architects, seed salesmen, and the equipment manufacturers, and the wideawake and progressive greenkeeper. But, being an architect and greenkeeper myself, I would be a poor business man, if, even in these times, I attempted to encourage haphazard jobs and slipshod work that, in the end, would help none of us. If the club has the money and if conditions are correct—go ahead; if not—forget it.

Municipal Maintenance

(Concluded from page 17)

Complete fertilizer is mixed in the top-dressing with the mixer because a uniform mix is obtained. This plant puts our top dressing program on a business-like basis.

Progress can be made by the greenkeeper when he is responsible to one man. He happens to be the County Engineer on my course. That is not the case on the average municipal course. There is a manager of the clubhouse who likes to tell the greenkeeper what to do. Then there is the Park Foreman, Recreation Supervisor, General Superintendent and Park Commissioner. The greenkeeper is responsible to all of them. He can not buy his own material. He can not hire his own men. No one takes a personal interest in him, no one encourages him. He works hard and tries to make his course the best he can.

WELFARE LABOR IS A PROBLEM

A NEW problem reaches the municipal greenkeeper that does not affect other

greenkeepers. It is what we call welfare labor. The city issues grocery orders to many unfortunates and they have to work them out on the golf course. They stay three or four days and then new ones are sent out. A crew may consist of bank clerks to bricklayers. Many of them are too weak to work. Many can never learn to do manual work. Others will not work. You have to be with them all the time, because they have a habit of picking up golf balls. You can not let them go. It is trying to do things well under these conditions, but we appreciate that the other fellow may have it just as hard or harder on his course.

The municipal course has to be self-maintaining. Golf receipts have dropped off. Competition has increased. It will be necessary to maintain good courses on less money. All we can do is work hard and intelligently, hoping that Mother Nature will stick with us.

Turf Culture News

(Concluded from page 23)

Association have disbanded or gone bankrupt in the last three years, golf continues to boom in Cincinnati, for it was learned Tuesday that plans are under way for the building of another golf and country club in this district.

The proposed new club may be built on a site overlooking the Little Miami River above Remington. Besides an 18-hole golf course facilities will be provided for tennis, aquatic and equestrian sports.

Charles E. Dornette, attorney, is one of a group organizing the club.

Stewart & Stewart, architects, are designing and receiving bids on the clubhouse, which will cost \$60,000.

* * *

PAMPA, TEX.

All that is needed to place the Country club golf course in the best condition of the year is a nice heavy rain. The rough is clear of weeds and the fairways have been rolled until the ball has a long, straight roll after flight.

Greens and tee boxes have been worked over and the putting surfaces are deep and even. The new drags give any kind of surface desired.

Caretaker Autry is waiting for the rain to make the grass green before he rolls the course again.



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

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