

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.

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.

Catchbasins, Corrugated Iron
Armco Culvert Mfrs. Association

Chickweed Eliminator
Adalink Chemical Company

Cocoons Creeping Bent Seed
Stumpp & Walter Co.

Compost Distributors
Toro Mfg. Company

Compost Mixers
Toro Mfg. Company

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

Drainage Engineers
Wendell P. Miller and Associates

Drainage Gates
Armco Culvert Mfrs. Association

Dump Carts
Toro Mfg. Company

Fairway Irrigation
J. Oliver Johnson, Inc.

Fairway Mower Blades
Buckner Mfg. Co.

Fairway Mowers
The Budd Mfg. Company

Fairway Mowers
Pennsylvania Lawn Mower Works
Toro Mfg. Company

Fairway Rollers
E. G. Staude Mak-A-Tractor Co.
Toro Mfg. Company

Fertilizers
Milwaukee Sewerage Commission

Flexible Steel Mats
J. Oliver Johnson, Inc.

Golf Course Construction
Ohio Humus Products Co.

Golf Equipment
Stumpp & Walter Company

Golf Flags
Stumpp & Walter Company

Outstanding Achievements in the Production of Fine Turf

BUCKEYE BRAND
State Sealed & Certified
SEASIDE CREEPING BENT SEED (*Agrostis maritima*)

and

PRINCE EDWARD ISLAND BENT SEED
(*Agrostis Tenuis*)
Sealed & Certified by the Canadian Government

The hardest upright-growing non-creeping variety. Does not require as much topdressing or water as Creeping Bent.

The J. M. McCullough's Sons Company

316 Walnut St. Cincinnati, O.
Wholesale Distributors in the United States.

Greens Mower Blades
The Budd Mfg. Company

Greens Sprinklers
L. R. Nelson Mfg. Co.

Horse Drawn Mowers
Buckner Mfg. Co.

Hose
Pennsylvania Lawn Mower Works

Humus
Republic Rubber Company

Hyper-Humus Company
Ohio Humus Products Co.

Lawn Mowers
Pennsylvania Lawn Mower Works

Mowing Equipment
Toro Manufacturing Company

Mower Sharpeners
E. G. Staude Mak-A-Tractor Co.
Toro Mfg. Company

Power Mowers
Pennsylvania Lawn Mower Works

Power Mower Blades
American Seed Co.

Prince Edward Island Bent Seed
Fate-Root-Heath Company
Toro Manufacturing Company
Henry H. Doty

Putting Green Mowers
Toro Mfg. Company

Rakes
Pennsylvania Lawn Mower Works

Rollers
Stumpp & Walter Company

Rough Mowers
Toro Manufacturing Company

Seed
Pennsylvania Lawn Mower Works

Siphons, Corrugated Iron
O. M. Scott & Sons

Sod Cutters
J. Oliver Johnson, Inc.

Sprinklers
Armco Culvert Mfrs. Association

Sprinkling Carts
L. R. Nelson Mfg. Co.
Buckner Mfg. Co.
Reade Mfg. Company

Grass Seed of Known Quality

TESTED for PURITY and GERMINATION
Prices and information on request

Stumpp & Walter Co.

Specialists in Golf Grass Seeds and Equipment
30-32 Barclay St., New York

Topdress with Hyper-Humus

TRADE MARK REGISTERED

to make your greens stand up under punishment during the hot weather. Hyper-Humus tests

86 to 89% Organic Matter

Write for literature and prices

HYPER-HUMUS CO.
48 Park Place Newton, N. J.

Stolons
O. M. Scott and Sons

Storm Sewers, Corrugated Iron
Armco Culvert Mfrs. Association

Street Culverts, Part Circle
Armco Culvert Mfrs. Association

Tee Mowers
Toro Mfg. Company

Tractors
Pennsylvania Lawn Mower Works

Worm Eradicators
E. G. Staude Mak-A-Tractor Co.
Toro Mfg. Company
Reade Mfg. Company



100,000,000 Cuts a Year!

One greens authority estimates that each Mower Unit of the average fairway gang mower makes a total of about 100,000,000 cuts a year!

The Mower Units of the PENNSYLVANIA "New" Fairway Quint or Trio are specially designed for this severe service. Every moving part, except the ground roller, is on ball or roller bearings; bearings and gears are in dirt-proof, oil-retaining housings; the wheel-type design permits lighter weight and greater speed; the lubrication is Alemite.

Write for COMPLETE GOLF CATALOG.

Price of "New" Fairway Quint, \$625; Trio, \$375—both at Philadelphia.

PENNSYLVANIA LAWN MOWER WORKS
1645 North 23rd Street
Philadelphia, Pa.

PENNSYLVANIA Quality LAWN MOWERS

Will exhibit at Annual Grounds Keepers Convention and Golf Show, Louisville, Ky., February 4 to 7

NATIONALLY KNOWN MANUFACTURING AND MERCHANDISING

firm has an opening for a high class greenskeeper or assistant greenskeeper with out-standing personality to introduce a new specially prepared fertilizer of proven value to golf clubs in the Chicago area. Prefer a man well acquainted with greenskeepers who possesses selling ability and is willing to work hard. Excellent opportunity for the right man and only those possessing the qualifications outlined need apply. In answering give full information, qualifications, selling experience and salary expected. All letters treated confidentially and will be answered. Address Box 420, The National Greenkeeper, 405 Caxton Bldg., Cleveland, O.

Seed and Seed Markets

(Concluded from page 13)

are carrying over low germinating chewings fescue of the 1928 crop. Today's market for next spring delivery should cost them around \$35.00 per 100 lbs.

Red fescue from Europe will, of course, come in this year the same as in previous years. By this is meant, it will come in with some sheeps and hard fescue. The price of course of the common commercial European red is much lower than chewings. Good quality European fescue should not cost next spring more than \$28.00 per 100 lbs.

Sheeps and Hard Fescue

All of our sheeps and hard fescue seed comes from Europe and the crop was expected to be extra large. Prices were very low at the opening of the market but since the supply is not as large as first expected, prices have advanced. They are now at a steady level. Good hard and sheeps fescue for spring delivery should cost not more than \$25.00 per 100 lbs.

Miscellaneous Grasses

Prices for rough stalk and weed meadow grass will be higher this year as the yield is lower. The yield of rye grasses is practically the same as 1928 and prices therefore are at about the same level.

Milorganite Finds Favor

That Milorganite continues to find increasing favor as a turf fertilizer is indicated by another year of record sales. The Milwaukee Sewerage Commission in a recent letter, reports increased use of Milorganite. Golf courses used 35 per cent more Milorganite this season than last. Its rapid increase in favor is based upon its effectiveness and justifies

the sales policy inaugurated by the Commission.

The Sewerage Commission recognized the importance of basing fertilizer applications on soil and turf conditions. They pioneered in advocating systematic programs of turf improvement, and maintain a trained and experienced staff to assist customers in devising economical and effective treatments.

Fairways received most of the Milorganite, altho it was used on greens also as a source of slowly available nitrogen. Clubs are beginning to recognize the folly of attempting fairway improvement by seed alone, and realize that good turf will not maintain itself indefinitely.

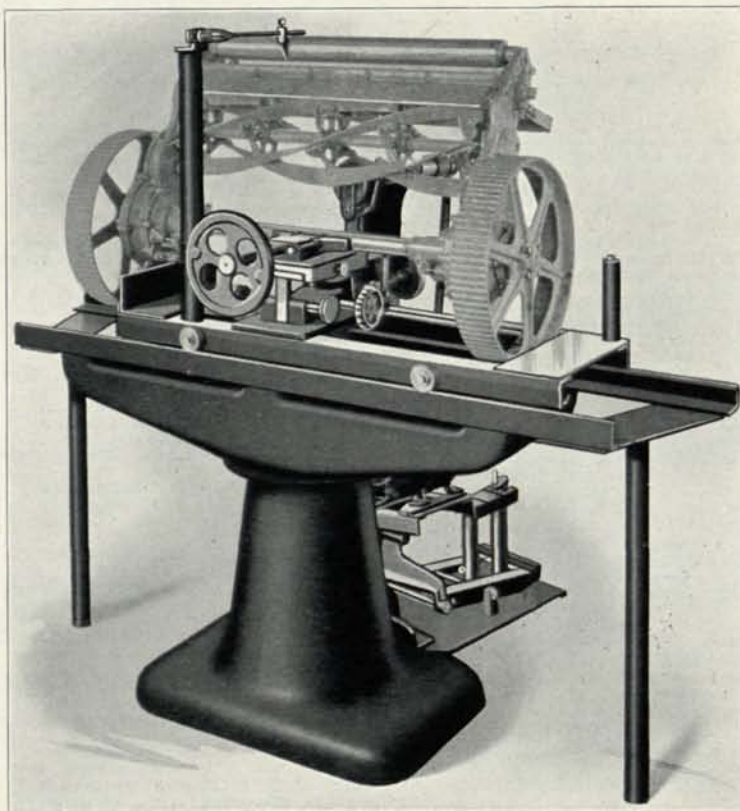
Milorganite is being used exten-

sively as a carrier for lead arsenate and concentrated fertilizers. Its excellent mechanical condition facilitates absorption of these substances and the resulting mixture can be distributed uniformly. Besides being a carrier, Milorganite also supplies valuable plant food elements.

A more general appreciation of the benefits to be obtained from liberal fertilization of fairways and greens prior to seeding has resulted in a marked increase in the use of Milorganite on new courses. It supplies nitrogen and does not injure the sensitive young seedlings.

Many clubs have placed carload orders for spring delivery, and all signs point to even greater use of Milorganite on golf courses in 1930.

New Hardinge Sharpener



The Hardinge Lawn Mower Sharpener that will be shown at the Louisville Show, has many new features and improvements over the original machine shown at Buffalo.

The vise for holding mower has several inches vertical and horizontal adjustment making the handling of any mower very rapid and accurate. The cast base insures perfect stability. The swiveling motor unit gives any angle desired to the cup grinding wheel. The motor unit has ample vertical adjustment to reach any blade or reel. Adjustments to a fraction of a thousandth are made possible by the vise adjusting screws.—For full particulars write, Henry H. Doty, 1133 Newport Ave., Chicago.