

## It takes five efficient UNITS To make an efficient Quint

No fairway gang mower can be any more efficient than its individual mower units.

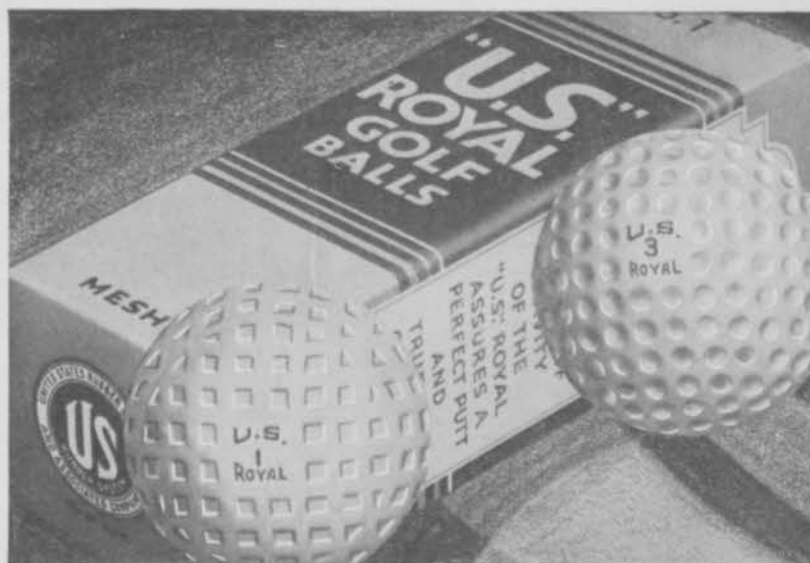
The revolving knives of every mower unit of the tractor-pulled PENNSYLVANIA "New" Fairway Quint or Trio are made of the finest crucible tool steel, oil-hardened and water-tempered. The raised-edge bottom knife is of chrome steel, with set-screw adjustment.

Bearings and gears are all in dirt-proof, oil-retaining housings. The two intermediate gears are on roller bearings; the cutting cylinders run in the new Braun Self-aligning Ball Bearings, which insure still better cutting, with far fewer adjustments and virtually a permanently true alignment of cylinder and knives.

Every construction detail of the "New" Fairway is fully explained in our new GOLF CATALOG, which also describes the improved Super Roller and New Aristocrat greens mowers and the other mowers in the complete PENNSYLVANIA Quality line for Golf Courses.

**PENNSYLVANIA LAWN MOWER WORKS**  
1628 North 23rd Street, Philadelphia, Pa.

**PENNSYLVANIA**  
QUALITY  
**LAWN MOWERS**



WHEN you recommend the "U. S." Royal to a player you are protecting your own professional reputation for knowing what is what in golfing equipment.

The "U. S." Royal is the *truest playing* golf ball made—both as to flight and putting. It will not go out of shape. Its cover and paint stand up in round after round of play.

And as for *distance*—testing machines at our proving grounds establish the fact that the "U. S." Royal consistently out-drives any other make of golf ball.

The "U. S." Royal will please the man or woman to whom you recommend it.

## United States Rubber Company

*Manufacturers also of "U.S." ROYAL TIRES, "U.S." ROYAL HOSE for golf courses, "U.S." SPORT SOLES, "U. S." TIGER and FAIRWAY golf balls.*

# "U.S." ROYAL GOLF BALLS

Please mention GOLFDOM when writing advertisers

# The South's Leading Golf Supply House

*Complete line of Seeds and Equipment  
for Golf Course Use*

## Seeds of Known Quality

Complete analysis of Purity and Germination cheerfully furnished.

## Seeds

Creeping Bent, Certified Cocoos Bent, Red Top or Herds Grass, Kentucky Blue Grass, etc.

## Equipment

Fairway Mowers, Putting Green Cutting Machines, Both Hand and Power, Tee Boxes, Tee Plates, Cups, Flag Poles, Flags, Hole Cutters, Sprinklers, Hose and Everything Required in Golf Course Upkeep.

**WOOD'S  
SEEDS**

*The Sign of  
Good Seeds*

We carry complete stocks ready for immediate shipment. Ask for our complete Golf Supply Catalog.

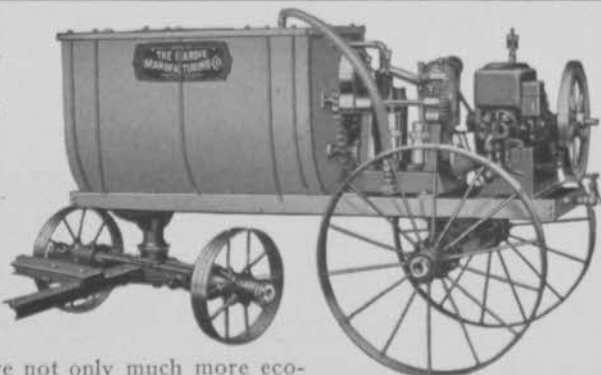
**T. W. Wood & Sons**  
Richmond, Va.

## Distributors for

Pennsylvania  
Super Fairway  
and  
Pennsylvania  
Putting Green Mowers

## A Hardie Sprayer Will Save Its Cost

The economy of materials and labor achieved by the use of Hardie Sprayers in golf course maintenance not only saves the cost of the sprayer, but pays dividends year after year. All of the soluble insecticides, fungicides, fertilizers, etc., are not only much more economically applied, but much more efficiently applied with a Hardie. Write for Hardie literature on golf course maintenance with proper spraying equipment. Easy payment terms.



**THE HARDIE MANUFACTURING COMPANY**  
Hudson, Michigan

Branches at: Portland, Ore., Los Angeles, Kansas City, Petrolia, Ont.

# HARDIE

## DEPENDABLE SPRAYERS

Please mention GOLFDOM when writing advertisers

# The FAIRWAY Tractor

Eclipses all your past notions of all-'round, year-'round power for the country club.



**I**N the new *McCormick-Deering Fairway* tractor, International Harvester combines its unrivaled experience in tractor design with years of tractor experimentation on hundreds of golf courses, parks, estates, etc.

We will be pleased to place at your service a demonstration of this quality power unit with its exclusive square-turn versatility. It makes no difference where your grounds are located. One of the many Company-owned International branches is

nearby, and our dealers are everywhere. One of the advantages in Fairway tractor ownership is the reliance you can place on the famous service rendered by this Company. It backs not only the tractor, but all International Harvester products.

The new Catalog of equipment for golf course construction and maintenance, now going on the press, will be ready when you read this. You will find it an interesting and valuable booklet to have on hand. It will be sent on request.

## INTERNATIONAL HARVESTER COMPANY

606 So. Michigan Ave.

OF AMERICA  
(Incorporated)

Chicago, Ill.



Showing the fairway with special 7-ft. mower for the rough. This tractor delivers its ample power three ways—through drawbar, belt, and power take-off. It is in itself a roller; wheels do not track, the weight being distributed to all 4 wheels. With gang mowers it cuts 75-100 acres a day. Pulls rollers, compost distributors, wagons. Ready for heavier jobs, plowing, disking, seeding, etc.; moves dirt, materials, and all equipment.

# GREENKEEPERS

## Testimonial Trail Across the Country

**"CORONA DRY" ARSENATE OF LEAD**  
ESPECIALLY FOR USE ON GOLF TURF

Never so much as right now is felt the truth of the statement that—"Corona Dry" is the foremost brand of spray lead. This is due to the extreme care and painstaking chemical controls that have existed from the first in the manufacture of this product, producing an Arsenate of Lead of unquestioned and distinctive superiority.

PRICES ON REQUEST—ADDRESS

CORONA CHEMICAL DIVISION

**Pittsburgh Plate Glass Company**

INSECTICIDES—FUNGICIDES—SEED DISINFECTANT

Milwaukee

Wisconsin

## The ROYER Compost Machine saves 70% to 90% of your labor cost of compost preparation

These figures come from golf clubs of all kinds for the Royer is the proved and favorite performer throughout the golf field.

As fast as you feed the raw material—wet or dry, sod or lumps—in the Royer, it turns out completely pulverized and mixed compost **and loads it!**

Choice of the three Royer models assures you a job that's just right in saving money and bettering results at your course.

*Write for complete details today*

**L. F. MITTEN**

*Sole Distributor*

820 Miners' Bank Bldg.

WILKES-BARRE, PA.



Please mention GOLFDOM when writing advertisers

# The New F. & N. "Quintet" Fairway Equipment



**OFFER** the latest improved features in the power mowers you sell this year. You can, in the famous trouble free F. & N. Mowing Equipment for Golf Fairways. Many of these features are exclusive with F. & N.

## *Especially Built*

You sell greater strength, greater convenience, greater efficiency in F. & N. mowers, and lighter weight in the new, flexible, all-steel frame. The F. & N. TITAN Mowers used in this equipment are built especially for this service. The patented interlocking frame and cutter bar adjustment insure rigid alignment for the life of the mowers. All gears are cut from drop-forged steel, heat-treated, and revolve on genuine Timken Roller Bearings, in a constant bath of oil. The five blades are made of special analysis chrome vanadium steel. Every part is precision machined and fitted as in finest automobiles.

## *Self-Adjusting*

Best of all, the patented F. & N. Self-Adjusting Device in the reel bearings entirely eliminates troublesome adjusting by hand, and with poor mowing results from neglected or improperly made adjustments. Write for all the facts and special prices today.

*F. & N. Mowing Equipment for Golf Fairways  
is made in gangs of 3 or 5 for  
use with any tractor.*



## *The F. & N. Putting Greens Mower*

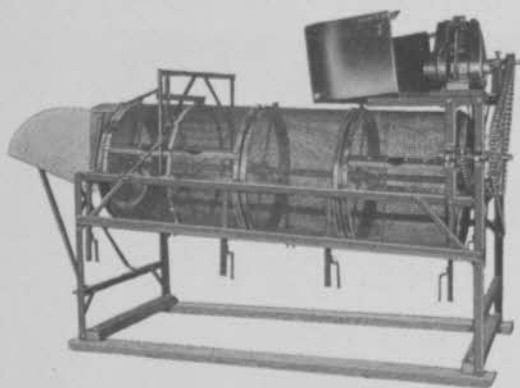
*Velvety smooth greens are always assured with the F. & N. Putting Greens Mower. They have 7 special crucible tool steel, oil tempered blades. Timken Roller Bearings. Patented F. & N. Self-Adjusting Device. Cut steel gears. Oil tight gear case. Unbreakable, all-steel construction. Interlocking frame and cutter bar. Alemite oiling, etc. Write for full details and special prices today.*



*Smooth operation is permanently assured with F. & N. TITAN Fairway Mowers equipped with the patented F. & N. Self-Adjusting Device.*

**The F. & N. LAWN MOWER CO.**  
RICHMOND, IND., U. S. A.

# COMPOST-<sup>CONVERSE</sup>Rotary Screens-SOIL



*"Converse Screens Make Par Greens"*

ORDER DIRECT FROM MANUFACTURER OR FROM YOUR JOBBER

Manufactured by

**F. S. CONVERSE CO., Box B, JOHNSON CITY, N. Y.**

The most efficient method of preparing top soils or mixing or screening compost for top dressing.

Model illustrated is driven by small gasoline engine mounted over discharge end.

Additional models for tractor or hand power.

Four grades of material at one operation—

Capacity 2-6 cubic yards per hour—

Mounted on skids for easy transportation—

The Converse Rotary Soil Screen has been adopted by clubs, large and small, throughout the United States.



## The SLOW ROTARY

has no equal for watering

## FAIRWAYS and PUTTING GREENS

its superiority is due to its

**SLOW TURNING  
EVEN DISTRIBUTION**

**WIDE COVERAGE  
LOW PROJECTION**

Built of high grade, non-corrosive metals for long and hard service. Send for descriptive folder. Samples sent if water pressure is stated.

## CAMPBELL IRRIGATION COMPANY

Phone 303

Ma'col'm C. Ludlam, Prop.

Woodbury, New Jersey



# Pyrofax

*Genuine GAS, delivered in steel cylinders,  
provides a perfect cooking service for Country Clubs*

COUNTRY club chefs are always delighted with this perfect gas cooking service. It is so *convenient*, so *quick*, so *clean*. Permits real variety in the a la carte menu. Fries, broils, roasts, and bakes as only real gas *can*—quickly and perfectly. With Pyrofax Gas Service, any clubhouse or home anywhere can have genuine gas and a genuine gas range. This perfect fuel is made from natural gas, stored in steel cylinders and delivered by a national service organization that is already serving thousands of clubs, institutions and homes from coast to coast. Installation is quick and convenient.

Pyrofax is *not* to be confused with gasoline or kerosene or carbide. Pyrofax is real gas, and like real gas it burns with a sootless, odorless, easily controlled flame. Very hot. Very easy to use. Very satisfactory in results. Everything in connection with this service is simple, efficient, dependable.

A small down payment—as little as \$37.50—enables you to start cooking with gas at once. Spread the balance over a full year, if you like. Pyrofax equipment, including the gas range of your choice and complete installation, is surprisingly low priced. Return the coupon for complete information.

## PYROFAX DIVISION

G-4-29

CARBIDE AND CARBON CHEMICALS  
CORPORATION

(Please address office nearest you)

Please send me further information  
on Pyrofax and the name of the nearest  
dealer.

Name \_\_\_\_\_

Address \_\_\_\_\_

## PYROFAX DIVISION

CARBIDE AND CARBON CHEMICALS CORPORATION

Unit of Union Carbide  and Carbon Corporation

Carbide and Carbon Building, 30 E. 42nd St., New York

BOSTON  
1017 Old South Building  
CLEVELAND  
Madison Ave. and West 117th St.  
CHICAGO  
Peoples Gas Building  
MINNEAPOLIS  
422 Washington Avenue North

DETROIT  
General Motors Building  
ST. LOUIS  
4228 Forrest Park Blvd.  
SAN FRANCISCO  
114 Sansome Street  
TORONTO, CANADA  
92 Adelaide Street West

Please mention GOLFDOM when writing advertisers





**"PARTICULARLY  
VALUABLE  
in hastening  
the development of  
Bent stolon greens—"**

Mr. A. H. Tull, associate of Devereux Emmet and Devereux Emmet, Jr., golf architects and contractors, New York, N. Y., has a message of interest to every greens committee. Read what he has to say about his experience with Sulphate of Ammonia:

"Our use of ammonium sulphate (Sulphate of Ammonia) during the past year has strengthened our belief in its efficiency as a fertilizer for grass, and as a means of eradicating white clover in putting greens.

"We found it particularly valuable in hastening the development of Bent stolon greens we planted for the Bonnie Brier Country Club, and on the private courses of Mrs. Graham Fair Vanderbilt and Mr. Henry F. du Pont."

(Signed) A. H. TULL.

**ARCADIAN**  
Reg. U.S. Pat. Off.  
**Sulphate of Ammonia**

Arcadian Sulphate of Ammonia is the logical nitrogen fertilizer for golf greens and fairways. It is used at leading golf courses in all parts of the country. Every Greens Committee should have a copy of our free booklet, "Arcadian Sulphate of Ammonia on the Golf Course." Mail the coupon for yours.

The **Barrett** Company  
Ammonia Benzol Dept.

40 Rector St. New York, N. Y.

The Barrett Co., Ammonia-Benzol Dept.,

40 Rector St., New York, N. Y.  
Gentlemen:—

Please send free bulletin, "Arcadian Sulphate of Ammonia on the Golf Course."

Name .....

Club .....

Town & State.....



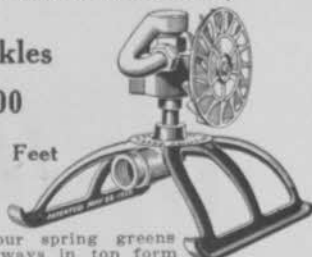
**DOUBLE ROTARY  
SPRINKLER**

Next Best to Rain

Sprinkles

5,000

Square Feet



Put your spring greens and fairways in top form quickly with the Double Rotary Sprinkler. Gives you a gentle shower whenever you want it. Does not wash or pack newly planted grass. Puts new life into the sod.

The Double Rotary irrigates a larger area. Needs less attention. Lowers maintenance cost. Constructed of best materials for years of service. Thousands in successful use.

**TRY 10 DAYS**—If not satisfactory, return sprinkler at our expense and money will be refunded. Price \$12.50. Illustrated literature on request.

Dealers: Write for special proposition.

**DOUBLE ROTARY SPRINKLER CO.**

106 Coca Cola Bldg.

Kansas City, Mo.



**High Pressure Increases Play**

Golfers will drive miles to play the perfect greens you can have with a Kewanee High Pressure Water System. Don't lose profits on an antiquated low pressure system.

Consult the Kewanee engineer. Let him specify the right Kewanee high pressure system from our more than 200 models and sizes. Write us today.

**KEWANEE**  
HIGH PRESSURE  
**WATER SYSTEMS**

**KEWANEE PRIVATE UTILITIES CO.**

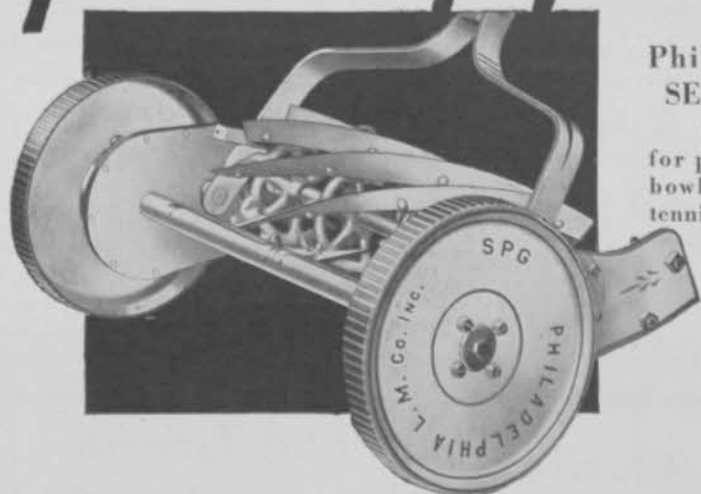
414 S. Franklin St.

Kewanee, Illinois

Manufacturers of a complete line of reciprocating pumps, water systems, electric light plants and sewage disposal systems; also centrifugal pumps and deep well turbines to fit all wells up to 36" diameter.

**DEALER CORRESPONDENCE INVITED**

# *It's revolutionizing the mowing of putting greens*



the  
Philadelphia  
SERIES "S"  
mower  
for putting and  
bowling greens,  
tennis courts, etc.

## Philadelphia "SPG"

Without a rival for lightness, strength and beautiful work . . . Pressed steel construction —20% lighter and stronger than cast iron . . . Noiseless — due to triple-roller clutches . . . Gear cases oil-and-dirt tight—no danger of oil dripping on green or of dirt getting into the bearings and gears.

*Write for details*

Philadelphia Lawn Mower Co., Inc.

4250 Wissahickon Avenue  
Philadelphia



Philadelphia  
Lawn Mowers



**WRITE FOR  
CATALOG**

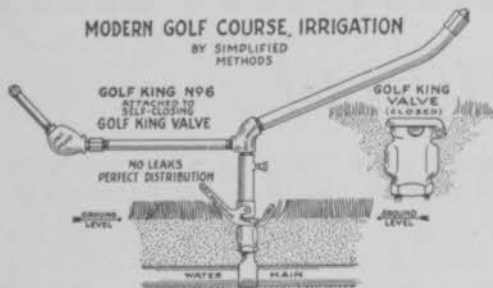
showing our complete  
line of hand, horse  
and motor mowers.

Philadelphia Lawn Mower Co. Inc.  
4250 Wissahickon Avenue  
Philadelphia, Pa.

# BUCKNER'S *California* *Hoseless* *System*

MODERN GOLF COURSE, IRRIGATION

BY SIMPLIFIED  
METHODS



BUCKNER EQUIPMENT IS STANDARD  
THE WORLD OVER!

**The Golf King No. 6 Sprinklers**  
**The Golf King Automatic Valves**  
**The Self Closing Snap Valves**

**Plan Your Hoseless System Now**

— WRITE NEAREST REPRESENTATIVE OR FACTORY DIRECT FOR LITERATURE —

**BUCKNER MFG. CO. . . . FRESNO, CALIF.**

LEADERS IN THE DEVELOPMENT OF SPECIAL SPRINKLERS FOR GOLF COURSES

## SPECIAL REPRESENTATIVES—

J. Oliver Johnson, Inc.  
Chicago, Ill.  
Philadelphia Toro Co.,  
Philadelphia, Pa.  
New York Toro Co.,  
New York City.  
Guy R. Champlain, Paris, Ky.

H. V. Carter Co.,  
San Francisco, Calif.  
Ivan W. Lee, Seattle, Wash.  
Golf Equipment Co.,  
Pittsburgh, Pa.  
Power Lawn Mower Co.,  
Cambridge, Mass.

Huey Philip Hardware Co.,  
Dallas, Texas  
Ft. Worth Well Machine &  
Supply Co., Inc.,  
Ft. Worth, Texas  
C. C. Saner, Houston, Texas

## EASTERN ENGINEERING REPRESENTATIVE:

Wendell P. Miller & Associates - - - Columbus, O. - - - Chicago, Ill.

## QUAKER KINKLESS HOSE

*will save money  
for your Club*

ORIENT Hose, in hard  
work day in and day out on  
many golf courses, shows  
little if any wear. In  
lengths up to 500 feet.

Prompt deliveries.  
Write nearest office.

**QUAKER CITY RUBBER CO.**

Factories, Philadelphia

BRANCHES:

New York Chicago Pittsburgh  
San Francisco

## The Greens you want

YOU'RE always safe in buying the  
creeping bent that is used on the  
greens of an imposing list of the best  
conditioned courses in the country.  
That preferred and proven strain is

## FLOSSMOOR CREEPING BENT

Write today for the list of clubs  
using Flossmoor. Look at their  
greens. Ask their greenkeeper,  
green-chairmen and players if they've  
ever seen a more satisfactory and  
dependable turf for greens. Then  
you'll **sell yourself safely**.

Buy from the **only** growers of the  
original Flossmoor strain.

**flossmoor nurseries, inc.**

Nationally famed for highest standard of  
operation. Under the personal  
supervision of Harry J. Collis.

30 North Michigan Avenue, Chicago, Ill.  
Tel. CENtral 6756