

# PENNSYLVANIA

*the first six-cylinder golf tractor*

This sturdy new PENNSYLVANIA Tractor was designed especially for general use on the golf course. Its powerful Chevrolet engine will take the hills smoothly and with absolutely no vibration. It is economical in operation and, like all PENNSYLVANIA golf equipment, extremely simple in design.

Wheel base, 87 inches; turning radius,  $8\frac{1}{2}$  ft. Maximum speed, 18 miles per hour in high. Strong rear axle to pull the heaviest load. Fully equipped with electric lights, self-starter and other standard Chevrolet equipment. Detachable steel dump body with capacity of one cubic yard.

Use this PENNSYLVANIA Tractor with PENNSYLVANIA Fairway Mowers for efficient, economical operation.

Write for further details and for catalog describing "New" Fairway Quint or Trio, the Super Roller and New Aristocrat greens mowers and the new PENNSYLVANIA "Tee" Mower for trimming tees and approaches.

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

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# The Heart of a Golf Course-- The Water System

Water is the life-blood of a successful golf course. The supply must be ample, constant, and reliable. The distribution must be complete, effective, and under perfect control.

## The Best is None Too Good

Whether your course be large or small, you can afford to take no chances with the quality of your water supply system; it, more than any other phase of your equipment, must give guaranteed performance.

## Water Supply Engineering

Theory in water supply system design is good; practice is better. Combining them in a skillful, scientific way, to take advantage of your local conditions and your individual requirements, is Water Supply Engineering.

## Experience Counts

The Wendell P. Miller organization knows the water requirements of golf courses from A to Z—a knowledge gained by years of experience, backed by accurate engineering training. Miller Engineering Service brings to you the irrigation practices tried and proved at the leading golf courses of the United States.

## WENDELL P. MILLER *and Associates*

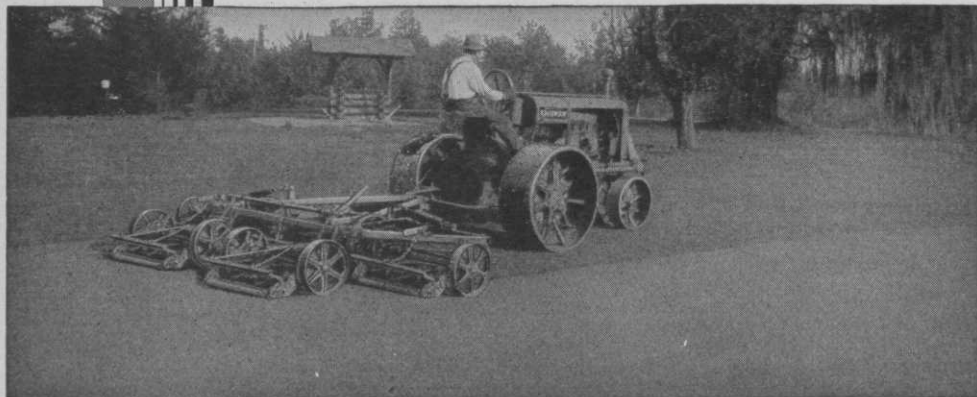
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for BUCKNER-CALIFORNIA Hose and Hoseless Systems

DRAINAGE - IRRIGATION - TURF DEVELOPMENT



## FAIRWAY Powers This Golf Course

THE great versatility of the McCormick-Deering Fairway Tractor has enabled Robert G. Duncan, builder of the Monagh Lea golf course near Portland, Oregon, to completely motorize construction and maintenance operations.

The Fairway went on the job when this 18-hole course was started. It has done a hundred and one jobs. With a McCormick-Deering Tractor Plow and a Tractor Disk Harrow it prepared the course for seeding. It has graded fairways, dug ditches for the water system, and pulled stumps and trees. Its belt power is used to pump water and to operate a portable saw. Even its exhaust gas is utilized in exterminating gophers.

As for maintenance, Mr. Duncan says that "with the regular Fairway wheel equipment, the Fairway power-driven mower, and a battery of lawn mowers, we are perfectly equipped to take care of the maintenance." Paul Belsinger, operator, adds: "The ease with which the Fairway can be turned and twisted around trees and bushes enables us to mow the grass in half the time any other method would require."

The adaptability of the McCormick-Deering Fairway to all golf course work is shown by its activity at the Monagh Lea course. Investigate it at the nearest of 98 Company-owned branches in the United States. Write us for catalog.

INTERNATIONAL HARVESTER COMPANY  
606 So. Michigan Ave. of America Chicago, Illinois  
(Incorporated)

*The Golf  
Tractor*

**MCCORMICK-DEERING  
FAIRWAY**

# Golfdom

Vol. 4

MAY, 1930

No. 5

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## In Next Month's Golfdom

*The fourth season since GOLFDOM'S birth finds a vast improvement in the methods that generally prevailed at golf clubs prior to the start of the "Business Journal of Golf." These developments have been almost of a revolutionary character in eliminating methods that run up costs of club operation without a corresponding increase in the value of club facilities.*

*Well known greenkeepers, professionals and club managers will write in June GOLFDOM of the business ideas that they have found most valuable during the past four years.*

*We promise you an issue that will help every club president, green-chairman, manager, professional and greenkeeper with its abundance of good practical pointers from successful operating authorities.*

*Front cover picture: At Cascade C. C., Hot Springs, Va., the notable resort where C. S. Anderson is manager, O. M. Keyser, greenkeeper and Leonard Biles, professional.*

GOLFDOM earnestly solicits letters from all club officials, department heads and manufacturers on methods, means and policies that are successful in course and clubhouse construction, operation and maintenance and on pro merchandising of goods and services.

Use GOLFDOM as the medium of exchange for ideas and as your aid in digging up facts that will promote business-like operation at your club.

We have no pets and no prejudices, but the determination to make each copy of GOLFDOM bring some specifically profitable idea to each reader.

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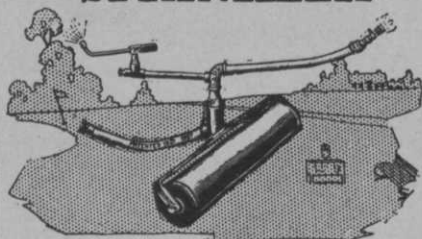
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The ever-increasing popularity of the "Lark" is definite proof that greenkeepers prefer it. They like its dependable, never-failing performance. Wide coverage; even distribution from center to outside circumference on any pressure; positive, slow movement; perfect spray control — these are but a few of the reasons the Lark is the finest sprinkler built.

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(Pressure readings at the Sprinkler)

The Lark has no gears or complicated parts to wear out. All parts brass, except the roller and the hose pipe. This sprinkler will give you many years of dependable service. You can see the Lark before you buy it.

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## Keeps the Course RIGHT!

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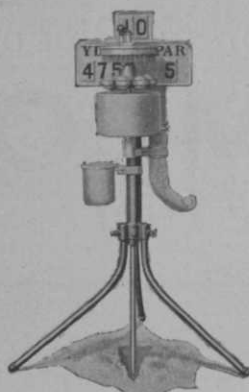
*Armco culverts and drains are manufactured from the Armco Ingot Iron of The American Rolling Mill Company and always bear its brand.*

**Armco Culvert Manufacturers Association**  
MIDDLETOWN, OHIO



C. 1930, A. C. M. A.

## The Handy Tee Rack and Sure - Clean Ball Washer Cleans 1-6 Balls

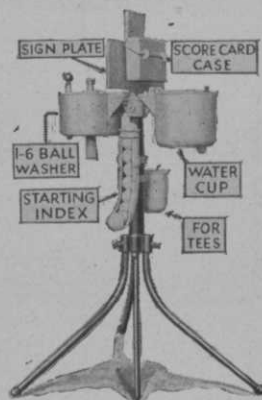


The Handy Tee Rack was designed to meet the requirements of any golf course. The attachments can be supplied to suit any tee.

The Handy Tee Rack will dress and add refinement to your golf course, and give the player confidence and satisfaction that you are leaving nothing undone to satisfy his every desire.

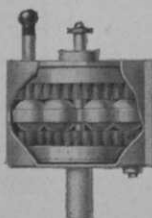
Good equipment has a psychological effect on the player, and it is your duty to keep him your club's booster.

The Sure-Clean Ball Washer was designed to meet golf ball cleaning in every extreme.



The Sure-Clean Washer will clean one to six balls at a time, and every mesh and dimple on the entire surface of the ball will be cleaned regardless of its condition.

The Sure-Clean Washer is mechanically correct in principle. The brush fibres kick the dirt off the ball by revolving the ball over the brushes. The fibres do not break down and leave a groove in the brush.



The entire equipment is made of aluminum die-casting, silver grey duco finish, will stand climatic and destructive abuses.

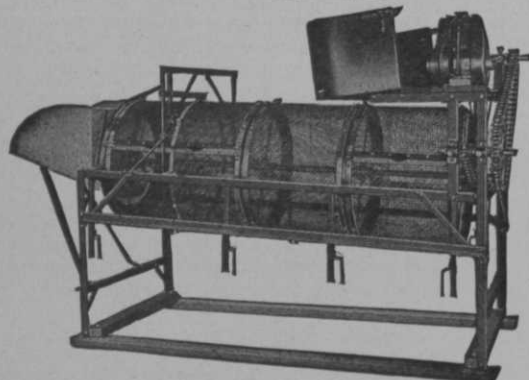
Write for literature describing this wonder equipment. Let us prove to your satisfaction the advantages of adopting the Handy Tee Rack and Sure-Clean Washer as a part of your golf course equipment, or ask your dealer for further information. Send for Form A-2.

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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.

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— BULLETIN ON REQUEST —

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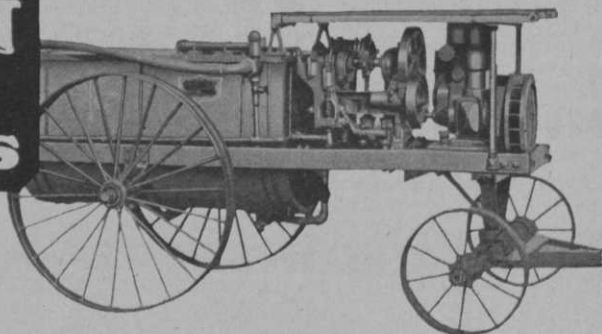
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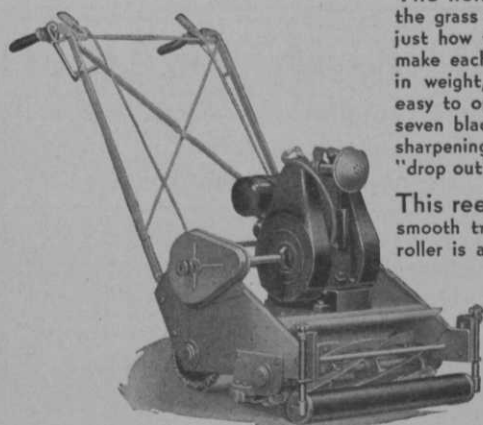


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**Saves Time ... Saves Labor ... And Performs the Various Tasks of Greenkeeping with Better Results**

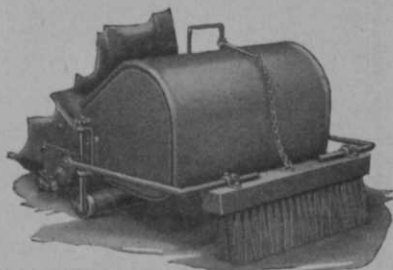


The next time you go out on your greens to trim the grass or to roll and brush the turf, consider for a moment just how the Cooper Putting Green Mower would serve to make each task more easy. This self powered mower is light in weight, short coupled, perfectly balanced and extremely easy to operate. It is equipped with full 20 inch high-speed, seven blade reel with independent drive, reversible for self sharpening. Reel and bed plate comprise one quick detachable "drop out" unit, construction pioneered by Cooper.

This reel trims turf grass to perfection and the smooth traction roller levels the turf after each cutting. The roller is assembled in sections with differential action that permits easy turning without injury to the turf. Independent roller drive makes the use of a transport cart unnecessary. The mower frame is light but strong, being constructed of steel and aluminum alloy. Ball and roller bearings are used throughout and all gears are packed in grease.

The Cooper Putting Green Mower is equipped with Briggs & Stratton 4-cycle gasoline motor with finger tip control governing each operation. Metal grass catcher is standard equipment and at small additional cost the Cooper brush is available and highly useful for aerating the soil, brushing in top dressing and cleaning off debris.

Before the season becomes too far advanced, acquaint yourself with this wonderful time and labor saver. Send today for complete information and prices.

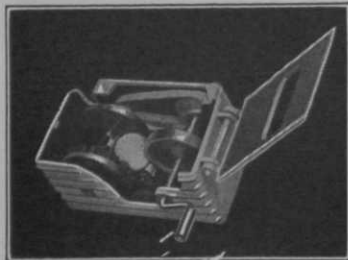


**Cooper Manufacturing Co., 542 S. First Ave., Marshalltown, Iowa**

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Handsome, smart, practical. Holds par and yardage indicator, tee number, movable arrow direction marker and Roto Washer. Markings appear on both sides, embossed on aluminum plates. Light in weight and portable. Prevents the worn spots always found by permanently placed tee boxes.

## ROTO WASHER



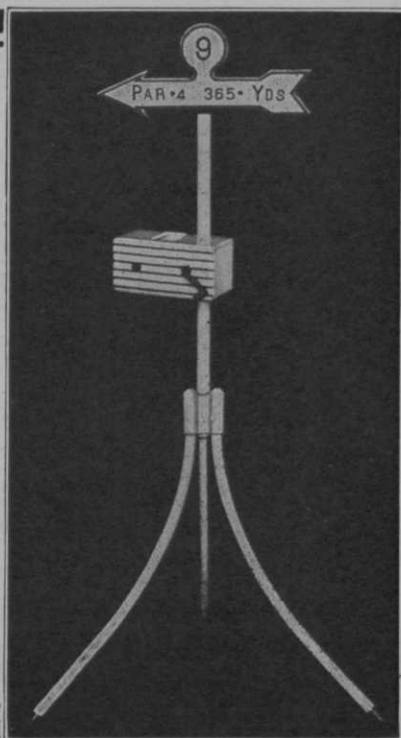
Efficient, quick, clean. Really *cleans* a ball with 4 or 5 turns of crank. No splash. Positive V-type belt. Russian pigs' bristles (*not a vegetable fibre*)—practically impervious to moisture. Made of aluminum and bronze—rust-proof, wearproof and waterproof. Ask your dealer, or

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