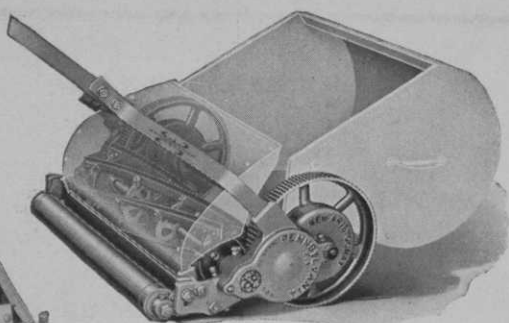


Super Roller Mower, 18-inch cut.
Weight 58 lbs.
Price in Phila.\$50.00
Grass Box, Extra 8.00
Carriage, Extra 5.00



New Aristocrat, 19-inch cut.
Weight 58 lbs.
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For the delicate pre- cision job of mowing golf greens— the hand-operated PENNSYLVANIA greens mowers

Back of every machine in the complete line of PENNSYLVANIA Quality Mowers for Golf Courses is 53 years' experience in the building of the highest grade lawn mowers.

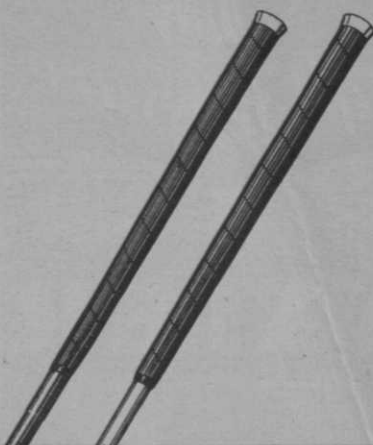
Write for further details and complete GOLF CATALOG showing PENNSYLVANIA fairway mowers, the PENNSYLVANIA Tractor, Tee Mowers and mowers for general trimming.

PENNSYLVANIA LAWN MOWER WORKS

1628 North 23rd Street Philadelphia, Pa.

NOW FOR 1931 BILLINGS

INTRODUCES
THE MICROMETER
ACCURACY OF
PRECISION TOOLS
IN GOLF CLUBS



MATCHED AND REGISTERED SETS
STEEL SHAFTED

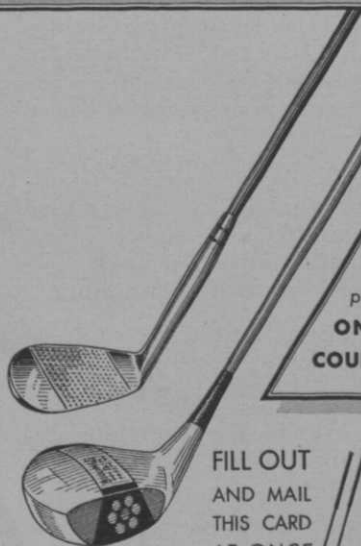
COINED
IRONS

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POWERPACT
WOODS

DON'T
BUY YOUR
GOLF CLUBS
FOR 1931 UNTIL
YOU SEE BILLINGS
COINED IRONS
headed true to the pin
and POWERPACT WOODS
packed with power for distance
ONLY MICROMETER ACCURACY
COULD PRODUCE SUCH PERFECT CLUBS

Golfers of America
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"COINED" IRONS
and "POWERPACT"
WOODS when the
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Campaign starts
early in 1931



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Gentlemen:

Please send me your 1931 Catalogue ☐

Send a "Billings man" to see me ☐

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The BILLINGS & SPENCER COMPANY .. HARTFORD CONN.
NEW YORK OFFICES and SALESROOM .. 53 WARREN ST. NEW YORK CITY

A NEVER FAILING Supply High of pressure



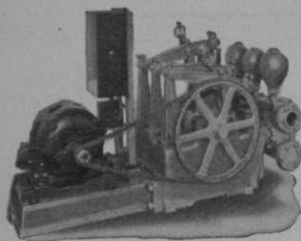
High Pressure Water
"makes" the golf course.
It means thick, velvety
greens and beautifully car-
peted fairways—real showers
in locker rooms—instead of
an annoying "trickle" and it
means complete protection from
fire.

KEWANEE HIGH PRESSURE WATER SYSTEMS

30 years ago the first pneumatic water supply system was originated by Kewanee. Today—everywhere—Kewanee Systems are recognized as the most dependable. That's why so many of the leading clubs choose them in preference to all others.

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Shown is a Kewanee Triplex Suction Pump, with a silent chain drive, for from 1500 to 10,000 gallons of water per hour, with a suction lift of 20 feet. Among our 200 Models and Sizes there is one for every purpose.



LET US HELP:
In our engineering department are experts who have helped solve the water problem of many of our leading clubs. Their services are at your disposal. **WRITE.**

KEWANEE PRIVATE UTILITIES CO.

414 Franklin St.

Kewanee, Ill.

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Roberts copyright.

*—the sea game that's now
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*A big-time money-maker at
miniature golf courses—*

*An added attraction of live-
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Shuffleboard played on the Roberts copyrighted courts brings out the utmost interest, skill and chance features of the famous shipboard game.

At commercial installations Roberts Shuffleboard courts are averaging 16% profit on the investment DAILY! At private clubs Roberts Shuffleboard courts, indoors and outdoors, always are in heavy demand.

Roberts patented unbreakable laminated shuffleboard shovels and discs reduce maintenance expense to the minimum.

Installation costs of Roberts copyright shuffleboard courts are moderate.

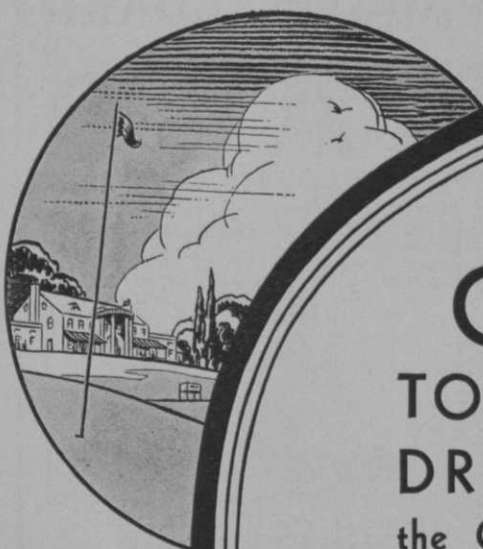
Write for complete details today.

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Tel., Village 5878



ONLY TONCAN IRON DRAIN PIPE has the Corrosion Resistance— Long Life—of Iron plus Copper and Molybdenum

The outstanding ability of TONCAN IRON to withstand rusting and corrosion is due entirely to TONCAN'S patented process of manufacture.

The first step is the removal of practically all the corrosion-promoting impurities in the iron. Then, to this highly refined iron in molten state is added copper and molybdenum, in scientifically determined amounts.

These elements, combined with the refined iron, produce a true alloy possessing a degree of resistance to rust and corrosion unequalled by any other commercial iron from which drain pipe is made.



To insure freedom from drain pipe maintenance and annoying interruptions on your course, specify TONCAN perforated Drain Pipe.

TONCAN CULVERT
MANUFACTURERS' ASSOCIATION
MASSILLON, OHIO

*Plants located in all parts of the
United States and Canada*

Quantity (with or against) Quality?

The severe summer drought in many sections has placed a great strain on course budgets. Fall seeding will probably be heavy, calling for larger expenditures than usual.

Under such conditions the price lure generally has a habit of beckoning more temptingly than usual and quantity is in danger of going to bat against quality—instead of teaming up.

Saving at the spigot to waste at the bunghole is a doubtful economic gesture. Good seed of known quality is always less expensive in any quantity—small or great.

Over 1100 clubs have found Scott's Seed so consistently high in quality and uniform in results that it takes more than a sharp pencil to obliterate its true economy or tempt to speculation with less than Scott's.

On that basis we would appreciate a request to quote you on your fall requirements.

O. M. SCOTT & SONS CO.
Marysville, Ohio
Golf Course and Lawn Seed

NACO

"A GOLF COURSE FERTILIZER"



RESULTS PROVE ITS VALUE

GREENS that had regular feedings of NACO properly applied, remained in excellent playing condition throughout the summer months. The Potash in this complete, all organic golf course fertilizer produces a stand of grass that does not wilt under drought and the heat of the summer sun.

FAIRWAYS that were top-dressed with NACO in the early Spring showed remarkable improvement during the summer and proved for many greenskeepers the wisdom of "More Feed and Less Seed". The Fall application of NACO will last until next Spring for snow and winter rains cannot leach its organic Nitrogen from the soil.

NEW COURSES on which NACO was used in seeding and planting, developed in a few months a thick turf with a strong well developed root structure and a fine stand of wear-resisting grass.

NACO will make your fertilizer dollars pay dividends in improved turf. If unable to secure NACO from your Golf Supply House write direct to the manufacturers.

NITRATE AGENCIES COMPANY
104 PEARL STREET - - NEW YORK CITY



What others say about *Armour's* SPECIAL << TURF FERTILIZER <<



10
Prominent
Greenskeepers
Say —

Dealers
Write for
Sales
Proposition

1. "We have used Armour's Special Turf Fertilizer on our golf course for the past seven years with excellent results and expect to continue to use same."
2. "The grass is hardy and firmer, will stand more use and abuse . . . also, noticed a very great lack of brown patch this year."
3. "Our fairways came through the extremely hot weather and drought in much better shape than neighboring courses which did not use your Special Turf Fertilizer."
4. "By developing the grasses that we have, we find that we have practically eliminated the necessity of re-seeding each year."
5. "My record of results shows your Special Turf Fertilizer a good margin of advantage over anything else we have used."
6. "We find we can depend on this mixture as the source of our entire plant food requirements for turf."
7. "We strongly advocate a complete mixture and find your Special Turf Fertilizer more satisfactory than anything we have yet tried."
8. "This has been a hard season on grass, and for this reason I will say Armour's Special Turf Fertilizer is a fertilizer of great merit, quick and lasting in action, and thoroughly satisfactory in every way."
9. "There is only one answer to this increase in the thrift of the grass and that is the liberal application in the spring and lighter applications during the summer and fall of your Special Turf Fertilizer."
10. "For the past six years we have used Armour's Special Turf Fertilizer on our fairways and greens and have developed what we believe the finest type of weed-free turf in the Chicago area."

Names given on request

Armour Fertilizer Works

General Offices

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CHICAGO, ILL.

When you mention GOLFDOM the advertiser knows you mean business.

.. Hundreds of Greenskeepers Have Discovered a Secret

When you hear golfers discussing with enthusiasm the condition of a certain course, the chances are that the greenskeeper and greens committee have discovered the secret of Premier Poultry Manure.

The remarkable results of this time-tested grass food are due not to chance or circumstance but to the properties with which NATURE has endowed

PREMIER POULTRY MANURE

—A natural grass food and stimulant.

—A balanced manure containing 6% Ammonia, 2.50% Phosphoric Acid and 1 to 2% Potash.

It contains no live weed seeds.

Being organic, it aids humus and aids bacterial action.

It can be applied with a minimum of labor and expense.

Being more soluble than other manures, it is more available.

Being finely pulverized, it is quickly absorbed into the soil.

PREMIER POULTRY MANURE CO.
327 S. La Salle Street Chicago, Ill.

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Joseph Breck & Sons Corp'n, Boston, Mass.
George A. Davis, Inc., Chicago, Ill.
William F. Philipps & Co., Toledo, Ohio.
Greshaw-McMichael Seed Co., Tampa, Florida.
Grand Rapids Growers, Inc., Grand Rapids, Mich.
E. L. Winn, Inc., Elizabeth, New Jersey.



True Organic Fertilizer Best for Fall use

For many years manure has been the standard fairway fertilizer—because it supplies the *right* kind of plant food for turf in the right proportions.

And, it has many advantages for Fall use. Being truly organic, it undergoes transformation in the soil—the nitrogen being converted into nitrates through bacterial action. However, the low temperatures of winter inhibit bacterial activity and thus avoid leaching loss of nitrates by preventing their formation.

A NEW COW MANURE

Free of weed seeds and debris

So much for the value of manure. It seems to be quite generally preferred—when available. Now we remove *all* the objections. Cow manure, the richest, most complete, Natural fertilizer is available in fine granulated form . . . mixed with peat moss, the best humus forming, soil improver known.

DRICONURE—this new product—is not just peat moss and manure trash mixed. It is a specially processed kind of manure-peat moss bedding, consistently uniform in quality and contents . . . maintaining an even 2-1-2 count, and dehydrated to strengthen *five times*.

Gets Down to the Roots and Stays There

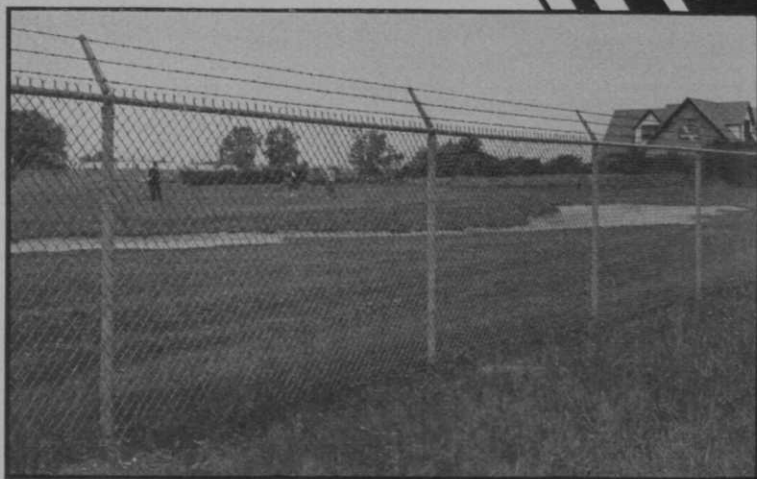
DRICONURE, unlike fresh manure, gets right down to the grass roots and *builds up* your soil. Fall and Spring rains will pound it down and mix it *into* the soil. It is prepared for this purpose. May we suggest that you try it and compare results with *any other fertilizer on the market*. It may not produce the rank, quick growth some of the more highly concentrated chemical fertilizers produce, but it will continue to nourish long after they would have been used up or leached away. Try it on a section and judge for yourself.

Complete information and prices on request.

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FENCE

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A Marble Granite Surface for Miniature Golf

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Cardiff Green 00 Granite is a natural green marble specially sized for Miniature Golf Course Service.

Its color is permanent.

Spraying with water quickly washes off any mud or dirt tracked on it.

It is ready for play immediately after a rain because it drains instantly.

It packs well and does not easily roughen up.

For beauty, permanence, greater utility of the course and low maintenance, use Cardiff Green Granite Size 00 for your fairway work.

The Cardiff Green Marble Company

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Sportier Greens --- Smooth-turfed Fairways

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How to apply fertilizers

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Gentlemen: Please send me, prepaid postage, one copy of
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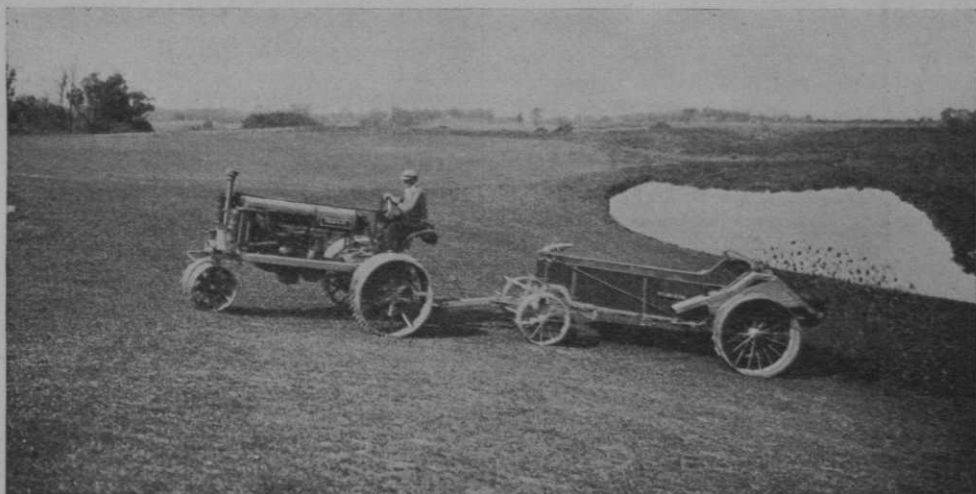
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This McCORMICK-DEERING Outfit Saves Money Spreading Fertilizer



McCormick-Deering Fairway Tractor and Manure Spreader in Action

THE maintenance of good turf requires thorough fertilization of the fairways. Especially is this true after a dry summer when the grass burns up. Equipment that will spread fertilizer in the most economical and efficient way, with the least labor, is needed for the job.

The McCormick-Deering FAIRWAY Tractor and Manure Spreader make an ideal combination. The FAIRWAY Tractor provides tireless power to pull the spreader over the course at an even, constant pace. *And this is only one of the many jobs this golf-course tractor will do throughout the year.*

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Spreader handles manure or other fertilizers so much more efficiently than hand methods that there is no comparison. It shreds manure and spreads it over the ground evenly, at a fast rate of speed. An attachment is available for spreading commercial fertilizers and top dressing without waste.

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INTERNATIONAL HARVESTER COMPANY

606 So. Michigan Ave. OF AMERICA
(Incorporated)

Chicago, Illinois

**The Golf
Tractor**

**McCORMICK-DEERING
FAIRWAY**

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Scene of the 1929 National Amateur Championship matches . . . Pebble Beach course, Monterey County, Calif., is protected by Armco drainage, including this 36-inch stream enclosure of Armco Corrugated Iron Pipe under the 18th green.

Perhaps

DRAINAGE HEADQUARTERS *Knows the Solution*

DO you put up with standing water, soggy areas, washouts after rains? Drainage Headquarters at Middletown, with 24 years' experience in correcting drainage troubles, undoubtedly has encountered your identical problem.

Results of the studies and investigations of the nation-wide organization of Armco engineers, involving the application of corrugated iron pipe to drainage problems of all kinds, large and small stream enclosures and large diameter pipe for bridges, are contained in many volumes of "Headquarters" facts. For subdrainage, Armco Perforated Iron Pipe is the logical product. Armco Corrugated Iron Pipe has an unequalled record of 24 years' service in the ground to date. It is more economical.

Submit your drainage "worry" to nearby Armco engineers. No obligation. Write for their address. Also, ask for valuable data on golf course drainage—free.

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

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Middletown, Ohio



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