



The famous International Fairway Tractor making quick work of grass cutting with a five-gang mower. This handy tractor keeps maintenance work on schedule and holds down the expense of such work.

Cut Maintenance Costs with the INTERNATIONAL Fairway

Solve your maintenance problems and put these operations on a low-cost basis with the International Fairway Tractor. Its economy is readily apparent in reports from owners—it works continuously on about a gallon of gasoline an hour; many report greater fuel economy.

In addition to cutting grass, the power of the Fairway Tractor can be

applied to a variety of work, such as construction jobs, operating belt-driven equipment, general turf-improvement work, etc. Its compactness enables it to work close to trees, shrubs, fences.

For a demonstration of the International Fairway, ask our nearby International dealer or Company-owned branch.

INTERNATIONAL HARVESTER COMPANY

(Incorporated)

180 NORTH MICHIGAN AVENUE -- CHICAGO, ILLINOIS

INTERNATIONAL HARVESTER



Now You Can . . .

**Plow Snow—Sweep Skating Rinks
250 Feet Per Minute with Your
TORO POWER MOWER**

A thoroughly efficient snow plow now keeps your Toro Power Mower busy the year 'round. A 44-inch revolving brush keeps the ice clear on skating rinks. Both plow and brush easily attached and removed.

•
Send
for our
Power
Mower
Catalog
•



•
The same
Power Unit
that cuts
Grass in
Summer
Now
Removes
Snow
•

TORO MANUFACTURING CORPORATION
MINNEAPOLIS MINNESOTA

JACOBSEN FAIRWAY MOWER CELEBRATES A YEAR OF TRIUMPH

Introduced only a year ago, this new and different fairway mower has demonstrated superior performance in a victorious way—set a new standard of performance in Fairway mowers.

The special ability of the Jacobsen Fairway Mower is gained primarily through its distinctive rear wheel drive. The drivers are within the swath of the reel and the reel ahead of the drivers. This radical departure from conventional construction gives the mower unmatched flexibility. It will mow bunkers and around sand traps . . . or right up to the edge of the green without placing any weight on the green itself. There is a remarkable freedom from "jumping." The drawbar does not tend to raise the cutting unit. (The mower will operate anywhere that a golf tractor can be driven.)

MASTERFUL ENGINEERING

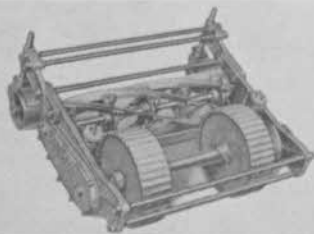
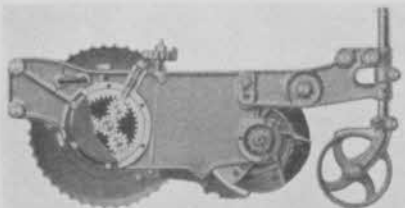
Typical of Jacobsen

The final drive is operated by a fully-enclosed, heavy-duty roller chain running in an oil bath.

8½ inch diameter reel with adjustable Timken Taper Roller Bearings.

Every moving part, such as reel, planetary gear set-up, drive chain and traction unit, can be removed without disassembling the main frame of the mower.

A single-lever lift gives a range of cutting



heights up to 5½ inches—without changing the permanent Fairway adjustment.

Bed knife adjustment is made with a single hand-wheel at each side of the mower.

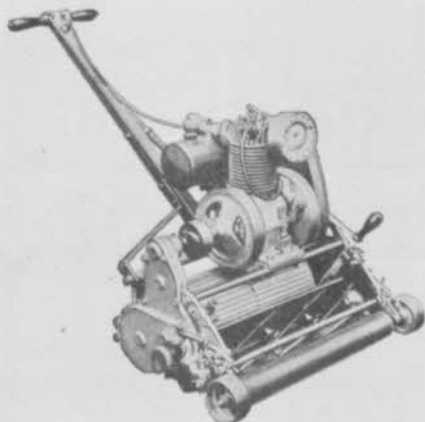
Cutting reel may be sharpened by the lapping process—simply remove the reel bearing cap and attach a crank.

Metal traction wheels are standard equipment. Rubber covered wheels, or rubber covered, welded steel drum are optional.

Available in 3-5 or 7 gang units. Model B Allis-Chalmers Tractor or Blackhawk Golf Tractor supplied with mower if desired.

Write for catalog giving detailed description.

JACOBSEN POWER MOWERS



Today hundreds upon hundreds of golf clubs the world over have solved their greens maintenance problem with Jacobsen Power Putting Green mowers. Not only have they reduced mowing cost as much as 50% with these machines, but have found a very decided improvement in the playing condition of their greens as well.

Practically every one of these clubs will tell you that one man with a Jacobsen can cut more greens faster and effect a smoother, more uniform putting surface than three men are able to do with hand mowers. Thus extra man hours are released for other work essential to a well groomed golf course.

POWER BRUSHING — AN ADDED ADVANTAGE

Another great stride forward in maintenance of greens by modern methods is the Jacobsen

... AND THE 18th
YEAR FOR THE
FAMOUS JACOBSEN
POWER PUTTING
GREEN MOWER

Steel Wire Brush attachment. All the advantages Jacobsen brings in power mowing are now supplemented by the amazing benefits of Jacobsen's exclusive power brushing.

Brushing of greens is accomplished at the same time greens are cut—it is all done in one operation. It overcomes matted Bent—works in compost after top-dressing—and aerates the turf, correcting the conditions under which Brown Patch and other fungus trouble often occur.

A LONG-TERM INVESTMENT

Designed and built under guidance of the most painstaking research and engineering advancements, Jacobsen mowing equipment will give years of smooth, high precision operation and fast, efficient mowing at a minimum operating expense.

Send for catalog today.

**JACOBSEN
MANUFACTURING CO.**

734 Washington Ave., Racine, Wis.

Branch Office:

101 Park Ave., New York, N. Y.



Oakwood Club, Cleveland, Ohio, where Jacobsen Mowers have been used for over ten years.

**JACOBSEN POWER
MOWERS**

• Use QUICKMAIL Coupon No. 14 to answer this ad •

NuREXFORM ARSENATE OF LEAD

... for smooth, healthy turf



• Applications of NuREXFORM Arsenate of Lead to your greens, tees, fairways, lawns and shrubbery assure success in controlling the damage done by grubs and earthworms.

The assurance is due to the uniformity and fineness of particles of NuREXFORM. It spreads evenly, is economical to use and can be used as a dust or spray.

WRITE FOR FOLDER ON GRUB CONTROL

E. I. DU PONT DE NEMOURS & COMPANY, INC.



GRASSELLI CHEMICALS DEPARTMENT
WILMINGTON, DELAWARE



"The Standard by which others are judged"

BUCKNER *Watering Equipment*

• The judgment of golf course experts regarding the superior efficiency and economy of BUCKNER Watering Equipment is substantiated by the fact that over 50,000 acres of American fairways today are protected by Buckner Irrigation. NOW is the best time to make installations in preparation for next year's play. Details sent gladly on request.

BUCKNER MANUFACTURING COMPANY
FRESNO, CALIFORNIA

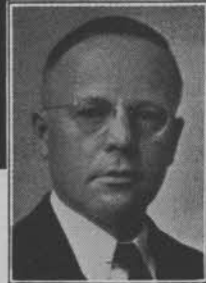
7658 So. Calumet Ave.
Chicago, Ill.

7280 Melrose Avenue
Los Angeles, Cal.

• Use QUICKMAIL Coupon No. 12 to answer this ad •

AT YOUR SERVICE

to help you grow **BETTER**
TURF at Lower Cost . . .



O. J. NOER
 Chief Agronomist
 Milwaukee Sewerage
 Commission

THE Milwaukee Sewerage Commission, through its Turf Service Bureau, Soil Testing Laboratory, and Educational Advertising, extends to Golf Clubs everywhere a broad, constructive service directed toward turf betterment and maintenance economy. This service is under the direction of O. J. Noer, agronomist, generally recognized as one of America's outstanding turf authorities.

During most of the year, Mr. Noer spends his nights in Pullman cars and his days on golf courses—making personal, on-the-ground surveys of turf problems. Supplementing his personal efforts, he has, during the past twelve years, published many educational articles relating to turf improvement.

In 1937 "The ABC of Turf Culture", written by Mr. Noer, appeared in this magazine in nine chapters and a year ago was made available, in bound form, to all interested greenskeepers. Included with these constructive articles was a series of factual "Case Histories", dealing with definite problems encountered by Mr. Noer in his field work . . . offering many constructive suggestions to Clubs who might be experiencing similar difficulties.

This year, a series of "Questions and Answers" has been appearing under the title: "YOUR TURF PROBLEMS . . . and Their Solution". Again, this material is being made available in loose-leaf form, in complete sets, with pages punched for inclusion in the "ABC of Turf Culture" binder.

* * *

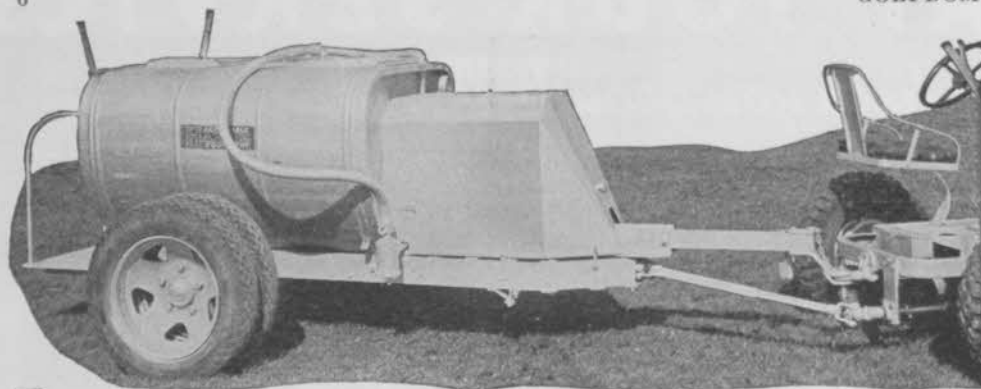
You are invited to make use of every phase of this service . . . on-the-ground investigations, soil testing, personal and written recommendations, educational printed matter . . . unbiased by the fact that we would like to have you use MILORGANITE organic-nitrogen fertilizer . . . when a fertilizer of this type is needed.

Turf Service Bureau

THE SEWERAGE COMMISSION, Milwaukee, Wis.



Feed with **MILORGANITE**
 THE ORGANIC-NITROGEN TURF FERTILIZER



THE tractor-powered Hardie Sprayer shown above is but one of many specialized Hardie high pressure outfits for golf course use. Put a Hardie into your budget—saves more than its cost in reduced expense

of grounds and greens keeping. Use it for liquid fertilizers, weed killers, and to keep trees and shrubs free from pests. Ask your dealer or write The Hardie Mfg. Company, Hudson, Mich., Portland, Ore., Los Angeles, Calif.

HARDIE

DEPENDABLE SPRAYERS



Completeness of SKINNER Service

The Hershey Company, Pennsylvania (Chocolate Town) is just now installing a Skinner Hoseless System for their modern athletic field.

Hershey has completely Skinner System equipped—(1) Athletic Field; (2) Community Golf Course; (3) Hershey C. C. Golf Course; (4) Extensive Lawn Areas; (5) Scores of acres of overhead sprinkling lines. The Skinner System scope of equipment and variety of experience offer an unequalled service to anyone interested in watering.

THE SKINNER IRRIGATION COMPANY, 415 Canal St., Troy, Ohio



FIRST CAME STEEL ... THEN COP-R-LOY

For
**WATERED
 GREENS and
 FAIRWAYS**

In planning the watering system for your course consider it as an investment for many years to come. Follow the lead of industrialists and builders who choose COP-R-LOY Pipe for its proved durability—for the extra resistance it offers to corrosion as a result of Wheeling's combination of pure copper with fine mild steel. Protect your investment by insisting upon COP-R-LOY Pipe. Wheeling Steel Corporation, Wheeling, West Va.

COP-R-LOY

Reg. U.S. Pat. Off.

Pipe



CY

IT'S WHEELING STEEL



A MODERN SWIM POOL

Will Add to the Beauty and Enjoyment of Your Club

The most important consideration in planning a pool is the purity of its water. Graver has solved this problem by designing a Complete Swim Pool Unit (adapted to any size pool) for filtering and recirculating the water. The Graver Unit consists of filters, sterilizer, heater, pumps, and all needed accessories. It is compact, easy to operate, economical to install and maintain.

All Graver Equipment is the result of three-quarters of a century of engineering skill and experience.

Send today for recent Research showing how pools have increased memberships and revenue for country clubs. An interesting book will be included on Design, Construction, and Operation of Modern Pools.

GRAVER TANK & MFG. CO., INC.

4815 Todd Ave., East Chicago, Ind.
New York • Chicago • Catasauqua, Pa.



• Use QUICKMAIL Coupon No. 5 to answer this ad •

WHY IS THIS A GOOD HOLE?

... or is it?



There's more to the design of a golf hole than just building a tee and sinking a cup in a haphazardly-located green. Certain distances make interesting holes; other lengths make for monotony. The lay of the land must be taken into account. Sand traps must be located with care.

Know why certain golf holes are a delight to play, and why some golf courses are more enjoyable than others—read Robert Hunter's famous book —

The LINKS

Profusely illustrated with photographs and diagrams of famous golf holes in America and England; tells why these holes are famous.

Published originally at \$4.00!

This book will give you a better understanding of the game and the ability to recognize a good golf hole.

It will also give club officials who are

planning course changes a clearer understanding of the value of competent architectural advice. "The Links" has saved many a club from unsound course revisions.

Send check, money order, or coins today. Because of the low price, C. O. D. orders not accepted.

Only
75¢
Postpaid

GOLFDOM BOOK DEPARTMENT

14 EAST JACKSON BLVD.

CHICAGO, ILLINOIS

4 SPECIAL-PURPOSE FERTILIZERS FOR GOLF COURSES



THIS message is addressed to the one or more members in each golf club—usually on the greens committee—who sit in with pro and greenkeeper, help plan the coming season's turf-maintenance program, and go to bat with the finance committee for an adequate budget to keep the course in first-class condition.

To these men, we commend the words of pros and greenkeepers of championship courses the country over—positive proof that Agrico helps produce better turf at lower cost. Here is one of several important reasons:

Agrico comes in 3 grades, each grade specially formulated to do its own job and do it better—Agrico for Putting Greens, 8-6-2 . . . for Fairways, 8-6-4 . . . for Seeding New Fairways, 6-8-2. And, if you prefer an all-organic turf food, there's Agrinite, 8½% Nitrogen.

Agrico Country Club Fertilizers represent a big step ahead—surpassing even the good old

A. A. C. Coe-Mortimer Country Club Fertilizers, brands A and B, which so many old-timers recall. To get the very utmost in turf-feeding value from every dollar that goes into your 1939 maintenance budget, it will pay, and pay you well, to use Agrico.

Sold in New York Metropolitan area by Arthur D. Peterson Co., Inc., 420 Lexington Ave.; in Chicago by Worthington Midwest Co., 1043 West Washington Blvd.; in Detroit by The American Agricultural Chemical Co., 204 South Forman Ave.; in Baltimore-Washington area by John S. Connolly, Bethesda, Md.; and by A. A. C. sales offices in other principal cities.

Agrico is Manufactured **ONLY** by
The AMERICAN AGRICULTURAL CHEMICAL Co.

50 Church St.



New York

AGRICO COUNTRY CLUB FERTILIZERS

BUDGET and SAVE with



**PERFECTION SPRINKLERS
and
ONE-MAN PROPORTIONERS**

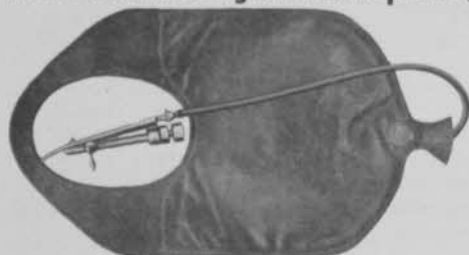
For 1939 Perfection Sprinklers, improved with the new "Swing" type of Nozzle Turning Speed Adjustment to eliminate the necessity of adjusting the arms. It is simple, effective, and no increase in price.

Perfections will give you the utmost in Large, Even Coverage, Long, Continuous Service, The Simplest Turning Speed Adjustment and the Lowest Prices of any high grade sprinklers made.

Perfections satisfy in every way.



And! Don't Forget the Popular,



**FULLY GUARANTEED,
ONE-MAN PROPORTIONER.**

The Latest Contribution to Labor Saving Devices for treating Greens and Fine Lawns for Brown Patch, Worms, Grubs, etc. Also for Distributing Soluble Fertilizers, Weed Killers, etc.

Greenkeepers and Dealers everywhere are unanimous in their praise for this new device.

With the exception of the brass nozzle, it is made entirely of Chemical Resisting Rubber and, with reasonable care, it will last several seasons.

It will actually save, in time alone, several times its cost in one single season.

It will pay you to Budget for Perfection Products in 1939.

Manufactured and fully guaranteed by

PERFECTION SPRINKLER CO.
PLYMOUTH, MICH., U. S. A.

Answer above ad with QUICKMAIL No. 4

**MAC LOOKS EXTRA HAPPY —
HOW COME?**



"He planned his budget for next year and specified *one* source of supply—DOLGE materials for his grounds and club maintenance—sure saved him one big headache."

Yes, sir, Mac knows that DOLGE materials for course and clubhouse are dependable—unsurpassed quality, and best of all, economical because they go farther.

Take a tip from Mac—concentrate on *one* source of supply in your budget—specify DOLGE.

Send for FREE Ground Maintenance Manual.

The C. B. Dolge Co.
Westport, . . . Conn.

**8-POWER CHROMATIC
PRISM—FRENCH ARMY
BINOCULARS**
A REAL \$45 VALUE FOR \$15



Best results for all outdoor sports, such as Hunting, Camping, Yachting, Motoring, Racing, etc. Special features are lightness, compactness and quality heretofore unobtainable at this price. Complete with solid leather case and straps. These are the genuine famous imported chromatic Prism Binoculars. The same style as were used by all the leading French Army Officers! Made up to specifications to sell for \$45.00.

Send check, cash or money order.

SEWELL-FORDYCE CO.
192 Market Street, Newark, N. J.