

The International Diesel Power Unit operating a pump, providing low-cost pumping power for the owner.

## The Key to Economy in the Operation of Watering Systems

**E**CONOMICAL POWER, so vitally essential to the success of a fairway watering system, is readily available in the International Power Unit line. These engines (gasoline and Diesel) have proved their economy compared to other forms of power on a wide variety of stationary power jobs. They range in size from 12 to more than 100 h.p. Where peak loads require more than 100 h.p., multiple in-

stallations can be made, thereby effecting savings by operating only the number of units that are needed at any one period of the day.

Ask the nearby Company-owned branch or authorized industrial dealer how International Power Units can save money for your club pumping water, generating electricity, or on any other belt work you have.

**INTERNATIONAL HARVESTER COMPANY**

(Incorporated)

606 SO. MICHIGAN AVENUE -- CHICAGO, ILLINOIS

# INTERNATIONAL HARVESTER

# SAVE TURF, TIME, MONEY!

—with these easy-rolling Goodyears for golf courses!

Of course you want pneumatic tires on your mowing machine tractors.

You can do your work so much faster—better—more economically.

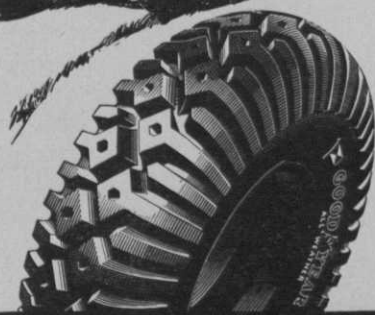
Naturally you want the best. And that, say greenkeepers, is the Goodyear All-Traction Tractor Tire.

It is the only tire that gives you traction in *all* directions—forward, backward, on hillsides.

Drive where you will—over roads, lawns, greens, walks and bridges. These big, soft, easy-rolling tires pull like nobody's business—yet never dig in or damage turf.

They'll save you money—in time, in fuel, in repair bills. Ask the Goodyear dealer nearest you for a demonstration.

THE GOODYEAR TIRE & RUBBER CO., INC., AKRON, O.



## GOOD YEAR

### ALL-TRACTION TRACTOR TIRE



## BUCKNER

"Perfect Curtain  
of Water"

is the Hall Mark of  
efficient course maintenance

### LOOK AT THE BUCKNER RECORD when you look into fairway watering

Golf course irrigation equipment is more painstakingly investigated than any other equipment used in modern course maintenance. It is significant then that the decisions of green committees and greenkeepers have resulted in an overwhelming number of BUCKNER installations!

BUCKNER has pioneered in the introduction, or perfected the design of outstanding developments in golf

irrigation for the past twenty-three years. It's only natural that government specifications for sprinkling equipment read "BUCKNER or equal."

Experimenting is costly in golf course irrigation. Depend on BUCKNER, based on years of specialized study and experience. Use QUICKMAIL coupon No. 24 to get the BUCKNER Catalogue.

## BUCKNER MANUFACTURING COMPANY

1615 BLACKSTONE AVE.  
FRESNO, CALIFORNIA

418 NORTH BROAD STREET  
ELIZABETH, NEW JERSEY

## PERFECT COMPOST



with a "WICHITA"  
COMPOST  
GRINDER  
SHREDDER  
MIXER

"The 'Wichita' begins where other devices leave off," say all its users. The 'Wichita' grinds, shreds, or chops to any degree of fineness—any material—

any condition. The 'Wichita' mixes perfectly all materials and does not separate the heavier materials from the lighter ones as do other devices which attempt to pile the finished product. No tailings with the 'Wichita'—every particle is used—only one operation required! Quick, simple adjustments—no chains—no gears or other mechanism to get out of order!

Mr. A. H. Tull of the Arthur D. Peterson Company, Inc., says: "After giving the 'Wichita' Grinder a thorough trial, we are convinced that it will grind to any desired fineness, large quantities of any material it might be called upon to handle."

Write for NEW, completely illustrated catalog and low factory prices.

**W-W GRINDER CORPORATION**  
DEPT. D WICHITA, KANSAS

## BARGAINS: Several Re-built Fairway and Greens Mowers

Write for Complete Catalog—Get our prices before you buy anything

FLAGS  
AND  
POLES



HOLE  
CUTTERS  
CUPS

1937 will be  
A GREAT IDEAL YEAR

See the new heavy duty  
IDEAL FAIRWAY MOWERS  
AND GREENS MOWERS

"Over-Nite" Service

**EVANS IMPLEMENT CO.**  
569-71 Whitehall, S. W.  
ATLANTA, GA.

**Worthington Sickle Bar Tractor.** This tractor is useful for all purposes. By pushing the lever, the sickle bar is lowered ready for cutting—a slight pull and it is raised, readying the tractor for pulling gang mowers and other jobs.



## **Worthington Sickle Bar Tractor** *Does away with the need of having separate mowing equipment for your long grass, hay and weeds*

● The same tractor that draws your gang mowers can now do the other long cutting. Think what that means in time and equipment savings. It releases several men for other work and cuts down cutting costs. Worthington has a new monthly

time payment plan now available. Any club can now afford the same type of equipment used at Baltusrol Country Club, Oakmont Country Club, Royal Montreal Country Club and many other British and American championship courses.



Send today for literature showing how easy it is to cut costs, beautify your course, and pay for your equipment in time and labor savings.

**Worthington**  
**Mower**  
*Company*

Main Office: STROUDSBURG, PENNA.  
 Sales Agencies in All Principal Cities

Please send, without obligation, complete information concerning Worthington Equipment.

Name .....

Address .....

City ..... State.....

**“NEW TIME PAYMENT PLAN NOW AVAILABLE”**

If you prefer, use QUICKMAIL coupon No. 18 to answer this ad.



## SPIKE DISC

(Patented)

For  
Greens

Single-  
Handle  
Model  
(Illus.)  
\$27.50

Two-  
Handle  
Model  
\$30.00

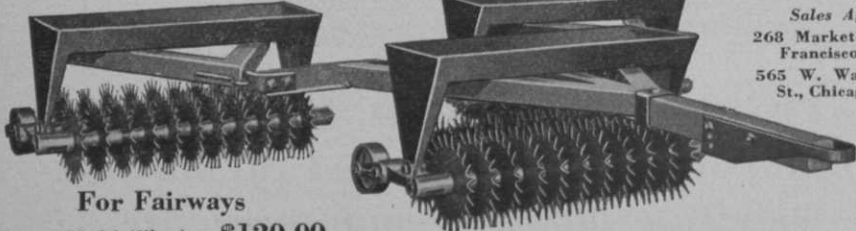
**A**UTHORITIES agree that Turf aeration and the cultivation of a moisture-retaining mulch are essential for the proper maintenance of fairways and greens. Spike Discs perform this work thoroughly and easily. The moisture laden mulch discourages "brown-patch"—offsets the ground-hardening effects of drought and hot sun.

Spike Discs double the effectiveness of reseeding and fertilizing. Seed and fertilizer settle in the close perforations made by the knife-like blades and are not blown or washed away. The patented spike design prevents the ugly holes and hard edges made by old style implements equipped with round or square spikes. Every Course needs Spike Discs.

Write for Details to Your Golf Equipment Dealer or:

**JOHN H. GRAHAM & CO., INC.**  
113G Chambers St., New York, N. Y.

Sales Agents  
268 Market St., San  
Francisco, Cal.  
565 W. Washington  
St., Chicago, Ill.



For Fairways

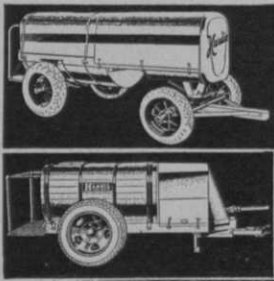
Tractor Model (Illus.) \$120.00

Horse  
Type \$120.00

Manufactured by Stoner-Maurer Co., Monroe, Michigan  
Successor to Wilder-Strong Co.  
Also makers of Dunham Water Weight Rollers

• Use QUICKMAIL coupon No. 10 to answer this ad •

SPECIALIZED  
EXACTLY  
TO MEET  
THE NEED



**H**ARDIE gives you a line of golf sprayers designed and built for that particular job. Tractor or trailers that fit the operating requirements of golf tractors; outfits for placing on wagon or motor truck, and light-duty sprayers that a man can push about. Divided tanks and other special features you always wanted.

Each and every one is a fully perfected, completely equipped unit that delivers all and more than you expect. Low cost, ease of operation, no service problem, unbelievably small upkeep cost make Hardie owners satisfied. Save your greens and grounds with a Hardie. See "Hardie" at the Washington Greenkeepers Show. Ask your dealer or write for catalog. The Hardie Mfg. Company, Hudson, Mich. Branches: New York City, Portland, Ore., Los Angeles, Calif., Kansas City, Mo. Export Offices, Detroit, Mich.

**HARDIE**  
DEPENDABLE  
SPRAYERS

## STANDARD GOLF COURSE EQUIPMENT.

### THE "GUARANTEED" LINE

**FLAGS**—Fast color wool and cotton fabrics—for Green, Fairway and Special Uses.

**POLES**—"Quality" seamless steel, also hi-grade ash and wood.

**PUTTING CUPS**—"One-Piece" cast iron and aluminum patterns.

**HOLE CUTTERS**—"Cuts-True" type with scalloped, saw-tooth or plain cutting edge.

**BALL WASHER**—"Six Ball" rotary type—also Rack, Retriever and "Ball-Brite" Cleaner.

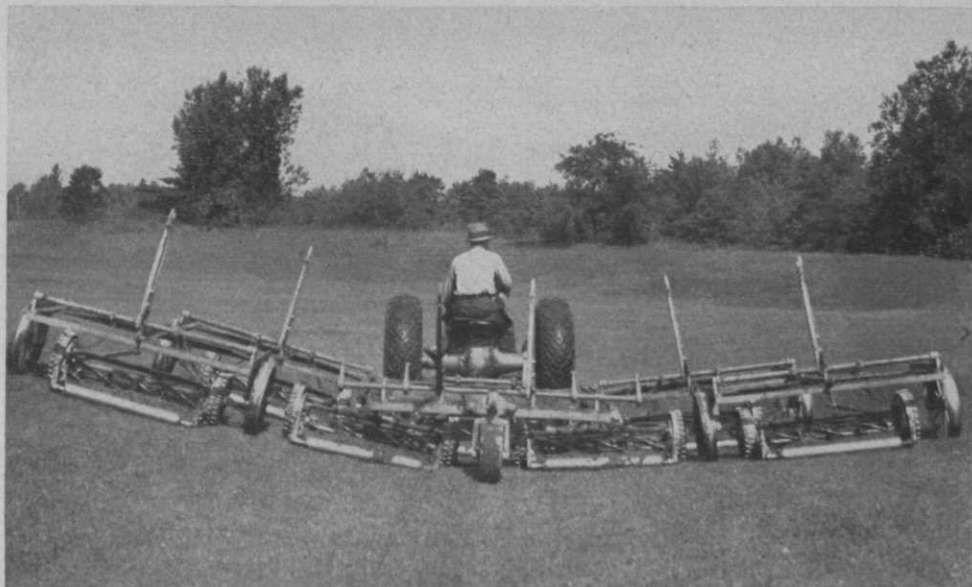
**MARKERS**—All styles for Green, Fairway and Tee.

**SIGNS**—Yardage, Direction, Regulation and Entrance.

Write for big 8 page Bulletin No. 37 just off the press.

**STANDARD MFG. COMPANY**  
Cedar Falls, Iowa





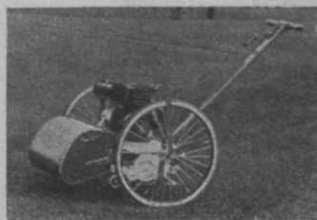
## ECONOMY—FLEXIBILITY and Smooth Cutting for 1937

Economical—because the simple "Bulldog" unit with its drop forged ring gears, cut steel pinion gears, oversize Timken bearings, one-piece steel roller, chrome-nickel steel double-edged bottom knife, and heavy 7½-inch chrome-nickel steel reels insure **BETTER** work over a **LONGER** period of time, at **LESS** upkeep cost.

Flexible—because the exclusive "Bulldog" frame construction permits each mower to operate as an individual unit, insuring smooth, clean cutting over contours and undulations. Units are lifted off the ground for safe and speedy transportation over the roughest areas.

Available in 3, 5, 7 and 9 gangs, interchangeable. Seven-blade or five-blade units optional.

Be sure to see this modern mower! Write for a copy of our new 1937 mowing equipment catalog for golf courses.



### POWER GREENSMOWER

Economical—yet equals the most skillful handwork. Used and proved on every kind of turf. Ask for a free demonstration.

# IDEAL POWER LAWN MOWER CO.

446 Kalamazoo Street, Lansing, Michigan

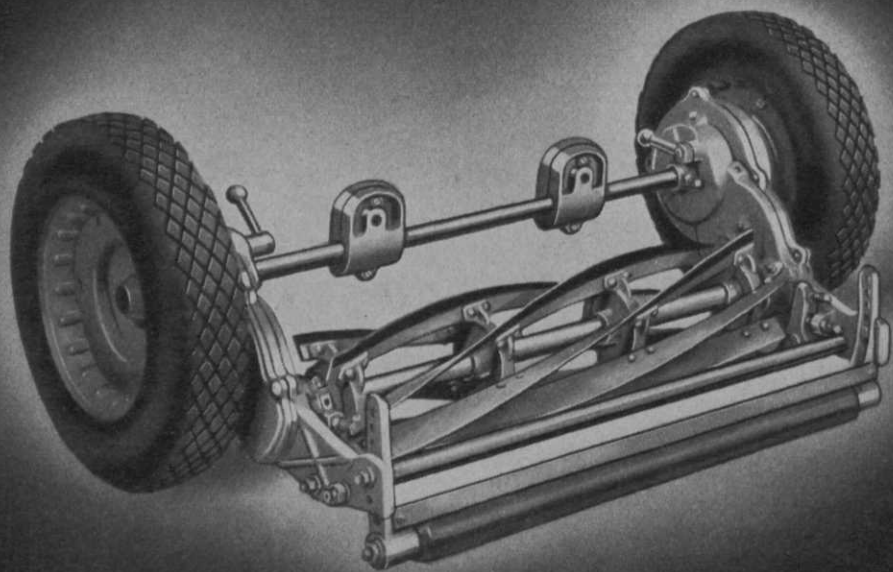
New York Branch:  
12 HARRISON ST.,  
New Rochelle, N. Y.

Canadian Distributors:  
AIKENHEAD HARDWARE, Ltd.,  
12 Temperance St., Toronto, Ont.

• Use QUICKMAIL coupon No. 15 to answer this ad •

# PENNSYLVANIA

*Announces*



**PENNSYLVANIA DELUXE FAIRWAY**

*with Pneumatic Tires*

**THE NEWEST ADDITION TO THE WORLD'S  
MOST COMPLETE LINE OF LAWN MOWERS**

# There's A SIZE - A TYPE - A PRICE FOR EVERY NEED IN THE PENNSYLVANIA LINE OF QUALITY MOWERS

SIXTY years of specialization in the manufacture of grass cutting equipment has enabled Pennsylvania to develop the world's most complete line of lawn mowers.

Embodied in this great line are all the *proved* improvements of design and construction which have been introduced during the past three-quarters of a century.

Pennsylvania engineers have *tested* the value of each of their developments *under actual operating conditions* BEFORE these developments are offered the public as *improvements*. That's why you are safe in buying the most modern Pennsylvania, whether it be a gang of 36-inch Fairways or 17-inch hand mower.

## GIANT DE LUXE 36-IN. FAIRWAY SUPER ROLLER GREENS MOWER

Saves 20% in labor, time and power. Unbreakable malleable iron construction, 6 heavy crucible steel blades, reversible lower blade, train of machine cut gears on BOTH sides (dust protected). Timken bearings and Alemite lubrication make this the toughest as well as the best performing mower on the market. Also in 30-in. size. Both sizes available with pneumatic tires as shown on opposite page.

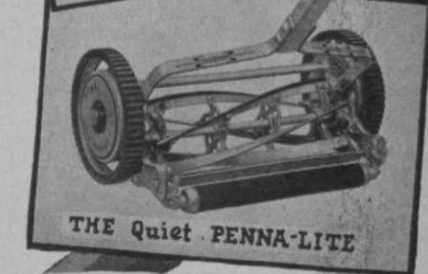
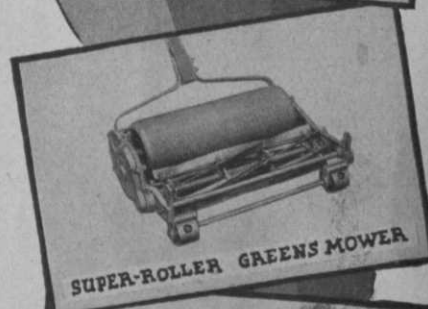
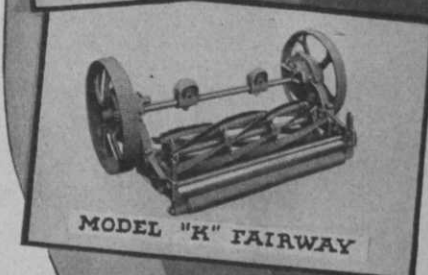
## MODEL "K" 30-IN. FAIRWAY

One size only. Similar in most respects to DeLuxe Fairway except Model "K" is of conventional cast iron construction and lower priced.

A high speed machine with 8 blades of finest crucible tool steel. Dustproof self-aligning bearings. Train of three cut gears and Alemite lubrication assure the continued precision of this mower. 18-inch cut with heights from  $\frac{1}{8}$  to  $1\frac{1}{2}$  inch.

## THE QUIET PENNA-LITE

Tough aluminum alloy construction makes this machine  $\frac{1}{2}$  lighter in weight, therefore ideal for bunkers and terraces. Rubber tires and roller make it noiseless. For all 'round work, the Penna-Lite represents the latest in lawn mower construction.



Send for Literature TODAY!

*Every Proved Improvement in*

**PENNSYLVANIA**  
LAWN MOWERS  
PRIMOS PENNA.



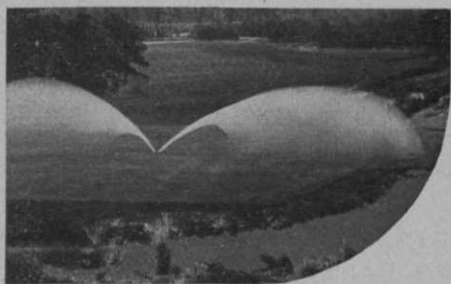


## New Economy in Golf Course Sprinkling

A new folder—just off the press—describes and illustrates the latest Nelson sprinkling equipment for large area watering. Complete data is given on Stream-Flo, Silver Spray and Pop-Up Heads for underground systems as well as the full line of Nelson portable sprinklers for golf courses and parks. Send for this folder today.

L. R. NELSON MFG. CO., Peoria, Illinois

## • NELSON Sprinkling Equipment



### AT THE GOLF SHOW

VISIT BOOTH 6

and see the

**B. P. I. 14276 Velvet Bent**

**SEED and SOD**

• • • •

We Will Have a Complete Stock of

**WOODCO BRAND**

**GRASS SEEDS**

*Grass Seed Division*

**F. H. WOODRUFF & SONS**

MILFORD, CONN.

Also at

Toledo, Ohio

Belle Rose, L. I., N. Y.

Atlanta, Ga.

Sacramento, Cal.



**STOP BROWN PATCH—SNOW MOLD  
—DESTROY CLOVER, DANDELION,  
ANGLE WORMS—USE TONAGREN  
No. 1, 2 and 3**

#### Also Quick Action Hose Menders

Hundreds of the most outstanding golf courses in the United States and Canada are now using TONAGREN PRODUCTS. Science has brought forth another wonder to help the Greenkeepers and fine lawn owners maintain their greens and lawns in perfect condition. It is no longer necessary to worry about brown patch, snow mold, clover, dandelion and angle worms. TONAGREN PRODUCTS will eliminate those evils. TONAGREN No. 1 is a double acting, effective preparation that sells for less money than most preparations that can be used for one purpose alone.

Not to forget the Quick Action HOSE MENDERS—mend leaky hose in a jiffy. Sizes  $\frac{1}{2}$ " ,  $\frac{3}{8}$ " ,  $\frac{3}{4}$ " and 1".

Write us today for full particulars if your dealer does not handle.

**P. & M. TONAGREN COMPANY**

153 Adams Tel. York 7155W Denver, Colo.

Answer above ad with QUICKMAIL No. 6

# ENJOY *New Low Cost* COURSE MAINTENANCE



No longer need you be burdened with the extra expense of hand mowing. Here are two Jacobsen Power Mowers that make all hand mowing—from tee to green—definitely obsolete, a needless extravagance. Greens, edges of greens, tees, traps, aprons, bunkers and hillsides now can be cut with this modern equipment in half the time at half the expense. They pay for themselves from actual savings on one year's operation—a fact proved by more than 1,000 golf clubs, both large and small. Send for complete details and specifications.

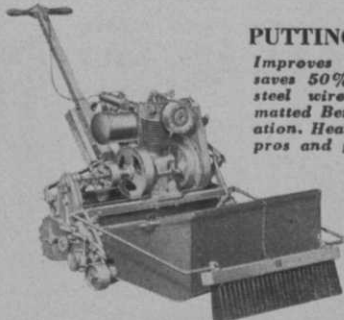
## JACOBSEN MANUFACTURING CO.

734 Washington Ave., Racine, Wis.

Factory Branch—Dept. G—101 Park Ave., New York

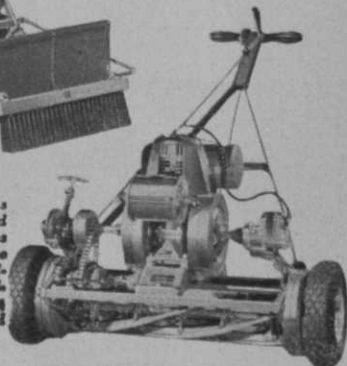
### PUTTING GREEN MOWER

*Improves the putting surface and saves 50% of cutting cost. With steel wire brush, it brushes up matted Bent and cuts in one operation. Heartily endorsed by leading pros and greenkeepers.*



### "STURDEX"

*For mowing tees, aprons and cleaning up around traps, bunkers and edges of greens. Enables one man to keep these hard-to-get-at places well groomed in a fraction of the time required with hand mowers.*



# JACOBSEN POWER MOWERS



SKINNER SYSTEM BROADWAY SPRINKLER IN ACTION

## IN THE WASHINGTON AREA . . .



. . . such clubs as the Chevy Chase Club, Chevy Chase, Md., Ft. George G. Meade Golf Course, Ft. George G. Meade, Md., Hershey Country Club, Hershey, Penna., Wilmington Country Club and the Hercules Golf Course at Wilmington, Delaware, the Merion Cricket Club at Ardmore, Penna., Huntington Valley Country Club, Abington, Penna., Cedarbrook Country Club, Mt. Airy, Penna., the Palmer Stadium at Princeton University, Princeton, N. J., Lancaster Country Club, Lancaster, Penna., and many others are enthusiastic Skinner System users.

*Drop in at our booth at the show and make yourself at home.*

**THE SKINNER IRRIGATION CO.**

415 CANAL ST.

TROY, OHIO

# STAUDE

General Utility  
**TRACTOR**



Complete \$495 UP—F.O.B. St. Paul

Amazing performance and power with low first cost and low operating cost. Used by more than 2,000 Golf Clubs. Made continuously since 1916 and sold under a money-back guarantee.

BUY FROM FORD DEALERS  
OR WRITE TO US DIRECT.

**E. G. STAUDE MAK-A-TRACTOR CO.**  
2696 University Ave., St. Paul, Minn.

## SEEDSMEN TO THE KING!



Over in Europe you can be butcher, baker or candlestick-maker to the King and be one of a hundred enjoying the same distinction.

Now, we do not claim to have a monopoly on all the good seed, but we do take pride in having supplied seed or Creeping Bent Stolons or both for 1542 Golf Courses—one-fourth of the entire number in existence. That has been seedsmen to the King beat a hundred ways. May we quote on your spring requirements?

O. M. SCOTT & SONS COMPANY, Marysville, Ohio

*Scott's*

**SCOTT'S SEED makes BEAUTIFUL TURF!**

Answer above ad with QUICKMAIL No. 20