



Depend on International Diesel Engines to provide the power needed for fairway watering. The International PD-40 Diesel is shown here.

## For Efficiency and Economy, Use INTERNATIONAL Diesel Power

Fairway watering demands dependable and efficient power to operate the pump. And the budget demands that this power be economical. The best answer to these requirements is found in International Diesel Engines. They combine the advantages of International Diesel design with the economy of Diesel fuel to give high efficiency and low operating costs. Back of them is a reputation for outstanding performance on a great variety of stationary-power work. Investigate In-

ternational Diesel Engines for pumping water, generating electricity, and any other power needs. The nearby International industrial power dealer or our Company-owned branch will give you full information. There are other International Engines ranging up to 110 max. h.p. for gasoline, distillate, or gas operation. The International Fairway Tractor is also available in the International line for construction and maintenance work.

**INTERNATIONAL HARVESTER COMPANY**

(Incorporated)

180 NORTH MICHIGAN AVENUE -- CHICAGO, ILLINOIS

# INTERNATIONAL HARVESTER



Championship Greenkeeper—  
Herbert Shave and Worthington  
Equipment at Oakland Hills.

## WORTHINGTON TRACTORS help you tame the rough and smooth the fairways

Worthington tractors are sturdily built to give years of dependable service. The motor, transmission and rear axle assembly are standard Ford equipment. Any Ford dealer can service them promptly. With a close coupled wheel-base of 61", a Worthington tractor will turn on a 6.5' diameter circle—important in confined areas about traps and green approaches.

A sickle-bar attachment mows your long grass, hay, and weeds and cuts a 5 foot swath at the rate of 5 miles per hour. The power take-off which runs the sickle-bar attachment may also be used to run compost mixers, power sprayers, rotary brushes, snow plows, pumps and saws—no need to purchase separate equipment to run your different units. It means savings to you, for no other golf course tractor has this feature. Operation on a minimum of fuel gives still greater economy, and because it is the lightest

tractor of equal horse power (25 H.P. S.A.E.) on the market, with weight evenly distributed on all 4 wheels, it will not mar or cut the turf. And there are further economies in time, trouble and money. Combinations can be changed in a few minutes from a 1-unit mower to the large 7-gang which cuts a swath of 16 feet. From 1914 to date, every Worthington cutting unit ever built fits any Worthington frame ever built and the frames practically never wear out. This cuts replacement costs tremendously.

Here's a point to remember in planning for a better course. In the last fourteen years, 44 out of the 56 courses in the United States, Canada and England, on which the National Open and Amateur Championship Tournaments have been played, have used Worthington equipment.

*Tear out this coupon so that you may have the facts to present when the budget comes up for discussion.*

**Worthington**  
**Mower**  
*company*

Main Office      Sales Agencies  
Stroudsburg, Pa.      All Principal Cities

WORTHINGTON MOWER CO.  
Stroudsburg, Pa., Dept. GO/F.

Please send catalog on your equipment at no obligation.

NAME .....

ADDRESS .....

CITY..... STATE.....

• If you prefer, use QUICKMAIL coupon No. 11 to answer this ad •

## THERE'S MORE PLEASURE ON A "BUCKNERIZED" COURSE

NOW is the best time to install Buckner Irrigation before next Summer's play. All trace of the work will have disappeared. Make your course a favorite with golfers as hundreds of other clubs have done. Write TODAY for Bulletin C.

*"The Standard by which others are judged"*

**BUCKNER MANUFACTURING COMPANY**

FRESNO

CALIFORNIA

ELIZABETH

NEW JERSEY

• 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

## Turf Aeration Required by Fairways and Greens

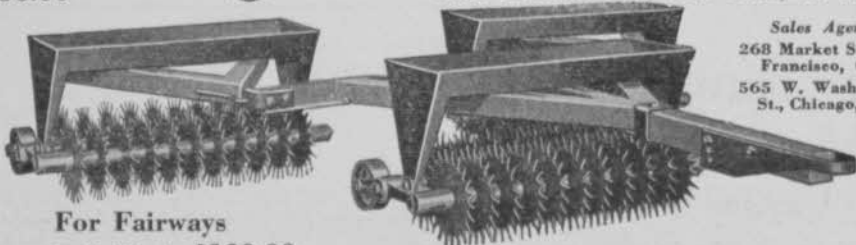
**A**UTHORITIES agree that Turf aeration and the cultivation of a moisture-retaining mulch are essential for the proper maintenance of fairways and greens. Spike Discs perform this work thoroughly and easily. The moisture laden mulch discourages "brown-patch"—offsets the ground-hardening effects of drought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

FIRST CAME  
STEEL . . . .  
*then COP-R-LOY*

*... for  
Golf  
Course*

**IRRIGATION**



Blazing sun and trampling throngs may punish the greens and fairways today . . . but they will be fresh as Spring tomorrow. Modern sprinkling systems now enable one attendant, in the evening, to revive the turf with a plentiful supply of water. Sprinkling systems that employ COP-R-LOY Pipe have proved their dependability . . . and their soundness as an investment that stretches the first expenditure far into the future. Wheeling Steel Corporation, Wheeling, West Virginia.

**COP-R-LOY** *Pipe*

Reg. U. S. Pat. Off.



**IT'S WHEELING STEEL**

# SKINNER SYSTEM OF IRRIGATION



## SOME PROMINENT OHIO INSTALLATIONS

... just a few of Ohio Country Clubs that have installed comprehensive Skinner System irrigation for greens, tees and fairways are listed below:

Sharon Park Municipal Cincinnati, Ohio	Shaker Heights CC Cleveland, Ohio
Portage Country Club Akron, Ohio	Snyder Park Municipal Springfield, Ohio
Chagrin Valley CC Cleveland, Ohio	Glangarry CC Toledo, Ohio
Miamisburg CC Miamisburg, Ohio	Westwood CC Cleveland, Ohio
Miami Valley CC Dayton, Ohio	Mayfield CC Cleveland, Ohio
Moraine CC Dayton, Ohio	Kirtland CC Cleveland, Ohio
Firestone CC Akron, Ohio	Troy CC Troy, Ohio
	Youngstown CC Youngstown, Ohio

In every state leading golf courses favor Skinner System. Why not write today for our new catalog which explains Skinner System in detail—there's no obligation.

You will be a welcome visitor at our booth No. 30—when attending the Greenskeeper's Convention in Cincinnati.

### THE SKINNER IRRIGATION CO.

415 Canal St. Troy, Ohio



YOUR TURF WILL  
BE *Better*  
IF YOU USE . . . . .

**SCOTT'S**  
GOLF COURSE  
**SEED**

ASK FOR PRICES

O. M. Scott & Sons Co.

*Marysville, Ohio*

## STAUDE General Utility Tractor \$495 to \$795

F. O. B. ST. PAUL, MINN., U. S. A.

A STRICTLY high-grade, powerful, light weight, quiet running tractor for mowing, hauling and other work on golf courses, parks, country clubs, cemeteries, airports, etc. Its efficiency, sturdiness, dependability and economy have been proved by 20 years of service and by over 2000 golf clubs.

**STAUDE Mak-A-Tractor \$155**  
Attachments— F.O.B. St. Paul and up

For converting Models T, A, or V-8 Ford pleasure car chassis into efficient tractor... easily attached in a few hour's time. Sold under a money-back guarantee. Buy through your Ford Dealer or write for full information.

**E. G. Staude Mak-A-Tractor Co.**

2650 University Ave.

St. Paul, Minn.



ONE OF THE MANY golf courses to install Transite Pipe for their irrigation systems. Transite maintains its high initial delivery capacity indefinitely . . . keeps sprinkler coverage permanently high. (Westchester Hills Golf Club. Irrigation system designed by H. J. Reeves, Engineer, White Plains, N. Y.)



*Planning an Irrigation System?*

# Make sure your sprinkler coverage stays high!

**G**ETTING initially high sprinkler coverage on a sprinkler system is one thing. But, having it *stay* high is another thing.

Ordinary water pipe is at the mercy of tuberculation . . . a type of internal corrosion that builds up inside the pipe . . . and after a few years cuts down on its carrying capacity. So that sprinkler coverage inevitably falls off—or pumping costs have to be materially increased.

Transite Pipe . . . the modern water carrier . . . is made of asbestos and cement. Non-metallic in composition, it is physically immune to tuberculation. All through the years, Transite maintains its initial high delivery capacity . . . keeps sprinkler coverage

up, and pumping costs down! Durable, resistant to corrosive soils and rust, Transite Pipe remains virtually free from maintenance.

Specify this pipe on your irrigation system—and even if you start work late in the spring, the course will be ready for the heavy-playing season. Deliveries are prompt; installation rapidly and easily accomplished with unskilled labor.

. . .

And Transite Pipe . . . with its record of superior performance established by thousands of miles of water service the world over . . . costs no more than ordinary pipe. For full details, write Johns-Manville, 22 East 40th Street, New York City.

**Johns-Manville**  
**TRANSITE**  
**PRESSURE**  
**PIPE**

**The Modern Water  
Pipe for Golf-Course  
Irrigation Systems**



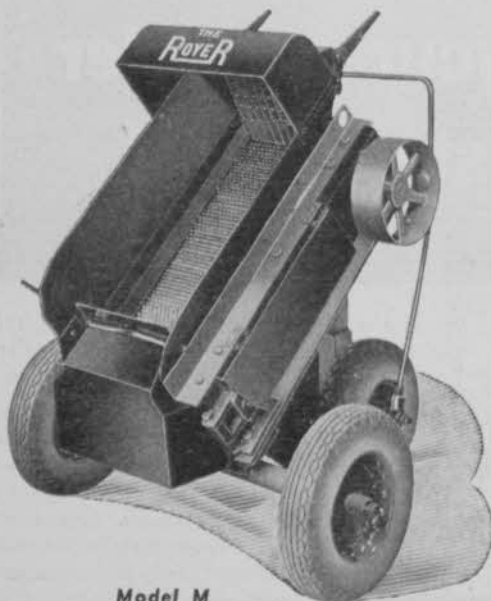
# A BIG JOB

—maintaining the extensive park system of New York City.

## ● TO SAVE

time, material and money and keep their turf at the highest possible standard, they are using

## 13 ROYER COMPOST MIXERS



Model M

ROYERS use all raw material—lumps or sod—wet or dry—mix and load.

Write for literature.

For sale by leading golf equipment houses

**ROYER**  
FOUNDRY & MACHINE CO.  
158 Pringle St. Kingston, Pa.

Let us  
blend you a  
made-to-order  
**LAWN SEED  
MIXTURE**

Woodruff continually experiments with growing many grasses, on many soils, at different Proving Grounds—each with a dissimilar climate. That is why, when Woodruff receives a report of your soil, your exposures and your climate, Woodruff can blend the one mixture best adapted to your conditions. Let Woodruff analyze your seeding problem. Simply write today.



The Sign of Good Seeds

**MULTI-BALL ROTO**

**LEWIS WASHERS**

**PADDLE-TYPE**

Your course should be equipped with Lewis washers — known for their efficient low cost ball washing.

Multi-Ball Roto, ea. \$15.00  
Paddle-Type 1 to 10 ea. \$6.00  
11 to 20 ea. \$5.50

**G. B. LEWIS CO.**  
Dept. G2 Watertown, Wis.

# IDEAL "BULLDOG"



Ideal Greensmower

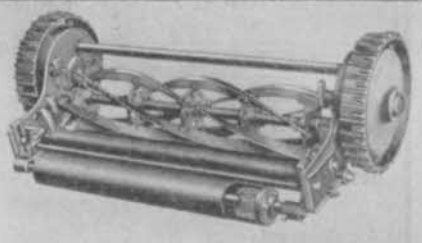


## STURDY, SIMPLE CONSTRUCTION provides Greater Cutting Economy

The outstanding economy of Ideal Bulldog Gang Mowers has made them standard equipment for many of the country's leading courses. Bigger capacity and lower cost operation are assured.

Cleaner, faster cutting is provided. Rolling and hilly courses present no problem to the "Bulldog." Each unit acts as an independent unit.

Write for catalog and complete information about Ideal Bulldog Gang Mowers and the Ideal Power Greensmower (in circle above) which duplicates skillful handwork, reduces costs and produces finer greens.



### CHECK THESE "BULLDOG" FEATURES:

- Available in 3, 5, 7 and 9 gangs
- Interchangeable
- Drop forged gears
- Oversize adjustable bearings
- Simple adjustment

## IDEAL POWER LAWN MOWER COMPANY

446 Kalamazoo Street, Lansing, Michigan

New York Branch:

12 Harrison St.

New Rochelle, N. Y.

Canadian Distributors:

Aikenhead Hardware, Ltd.

17 Temperance St., Toronto, Ont.



## SWIMMING—

now, for the members of your Club, is only a memory of a summer gone but they are looking forward to its pleasure in years to come. You club officials should start plans, NOW, to capitalize on that anticipation—your members are going to spend much money for swimming facilities, next summer, and if you manage right, they'll gladly spend it "at home."

### A "GUNITE" SWIMMING POOL

near the Clubhouse, will gather those extra dollars into your Club treasury.

Our representative wants to visit you, to show how simple is the design of a "GUNITE" pool, and how small is its cost. Have him around tomorrow—it's only a few months until swimming time is here again.

Write TODAY—no obligation.

**CEMENT GUN COMPANY**  
ALLENTOWN, PENNSYLVANIA

## BENTS

**NO POLLUTION! NO ADULTERATION!**

*That's what PURITY means*

*Startling but true!* We offer Seeds of the following that have been proven by test to be over ninety-nine percent pure:

COOS COUNTY SEA-SIDE BENT	TRIPLE A BENT
RHODE ISLAND BENT	COLONIAL BENT
RED TOP BENT	CHEWING'S FESCUE
ASTORIA BENT	BERMUDA GRASS
	RYE GRASSES

Also, U. S. grown Velvet Bent, (94% pure), Kentucky Blue Grass, (98% pure), South German Bent, (90% pure). Reliable Putting Green and Fairway Formulas.

*And further!* It is acknowledged that within botanical varieties there are varying "strains"; all our seeds are the finest "strains" available.

**CONFIDENCE!** That's what you enjoy when you sow our Seeds, for you know you are using the best that money can buy.

Same-day shipment from our air-conditioned warehouse; Bents packed in airtight metal containers.

Catalogue of Golf Course Requisites and Equipment on Request. Write for prices now.

*Stump & Walter Co*

132-138 Church Street (Corner Warren St.)  
NEW YORK

Answer above ad with QUICKMAIL No. 16

## STANDARD

GUARANTEED  
*Golf*  
COURSE EQUIPMENT



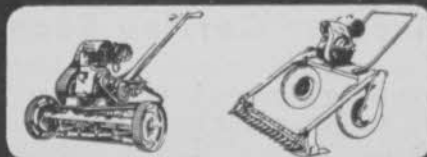
ASK FOR  
DETAILS!

Write for a copy of our big, new Bulletin No. G38 and you will readily understand why Club Officials everywhere are turning to Standard for dependable equipment and service. It illustrates our new Ball Rack—describes the "Six Ball" Washer—explains the advantages of "one-piece" Cups and tells you about "quality" Flag Poles. Write today, please!

- "True-Vue" Flags and "Quality" Poles.
- "One-Piece" Putting Cups, Cup Setters and Extractor.
- "Cuts-True" Hole Cutters and Divot Repairers.
- "Six-Ball" Washer, Ball Rack and Retriever.
- "Aluminum" Yardage Tee, Green, Direction, Regulation and Entrance Markers and Signs.

STANDARD MFG. CO., Cedar Falls, Iowa

## MOWERS



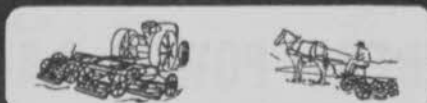
A new type Sickle Bar Mower for cutting hay and weeds in rough

Before purchasing any mowers, it will pay you to write us and have our complete mower catalog on hand

Power, Fairway, Greens mowers, Tractors.

ATTRACTIVE PRICES

Write for Catalog



**NATIONAL MOWER CO.**

839 Cromwell Ave., St. Paul, Minn.

Answer above ad with QUICKMAIL No. 9

IS YOUR MIND A  
*Whirl*



**When you try to compare the claims in the catalogs?**

**D**O YOU get dizzy trying to sift the wheat from the chaff in the literature of manufacturers bidding for your mower business? If so, you will welcome this simple, straightforward presentation of the facts about Pennsylvania Lawn Mowers. We refer to our new catalog, which is just off the press. Complete, it contains all the information you want, yet the fanfare and sales talks have been eliminated so you can make your appraisal of values on the basis of *facts*.

This new Pennsylvania Catalog contains information on all the new improvements in the Pennsylvania Fairway units.

—New Tubular Steel Frame, which eliminates ground wheels—yet allows the maximum of flexibility for the units.

—Goodyear Pneumatic Tired Wheels, which protect the adjustment of the mower from shocks—and prevent grooving or tearing of the turf. (All-metal wheels optional.)

—Unbreakable Malleable Iron Construction, and a host of other features with which you should be familiar before making a final decision on that new equipment.



**SEND FOR THIS NEW CATALOG**

You owe it to yourself to have the *facts* contained in this new catalog of Pennsylvania Mowers. There is no obligation and the information will help you in the selection of the equipment best suited to your needs.

# PENNSYLVANIA

LAWN MOWER  
WORKS

PRIMOS, DEL. CO., PENNA.

Another leader in the golf world is now making its Midwest headquarters in the

# Lytton Building —



Chicago office of The L. A. Young Golf Co. now located in Suite 1731. Telephone: HARRison 3039

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### *The Lytton Building*

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Northeast corner of  
State & Jackson Blvd.

14 E. Jackson Blvd.

Chicago

Through the entrance of the Lytton Building more professionals pass than through any other building in the country. This habit of coming to the Lytton Building *first* is the reason your Chicago office should be located here, if you want pro business. Let us tell you in detail what this famous sports center has to offer you.

LEE E. EATON, Manager

Telephone: WABash 3477

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