

# TAT Soilicide

Contains PMAS

DUAL ACTION • DOUBLE VALUE



} *at a Single  
labor Cost*

**"Pleased - SUCCESSFUL - REMARKABLE!"**

*(These are Users' Words — Not Ours)*

We are very well pleased with Soilicide ... there was no browning of the bent grasses at all ... crabgrass was virtually eliminated and the bent grass had grown in where the crabgrass had been. There was no trace of brown patch on the greens that had been treated with Soilicide.

—Ludvig Nelson, Minikabda Club  
Minneapolis, Minn.

During 1947, TAT Soilicide was used on eight of the worst greens at the Essex County Country Club ... Dollar Spot and Brown Patch were eliminated entirely or at a complete minimum ... crabgrass seedlings were (also) killed and crabgrass reduced to a negligible quantity. Bent and other turf grasses treated with Soilicide were not injured.

—John Anderson, Essex County C. C.  
West Orange, N. J.

I thought you would like to hear of the remarkable results I experienced this last summer with your product, TAT Soilicide ... to my surprise (the crabgrass) completely disappeared leaving no trace of where it had been. As to its qualities as a fungicide, I had no brown patch for the remainder of the season and we are ideally situated for fungus diseases here.

—K. J. Cook, Willow Wood C. C.  
Hinton, West Va.

The use of Soilicide proved very successful here, although the plants were matured enough to start runners ... I can also add that we had no brown patch or dollar spot during these applications.

—Oliver Rogers, Forsgate C. C.  
Jamesburg, N. J.

Letters like these come from all over the country — from Maine to Florida, from Virginia to California. Hundreds of greenkeepers are unanimous in their praise of Soilicide, both as a crabgrass killer and for effective control of fungus diseases. TAT C-LECT and Soilicide are odorless liquids, extremely economical, and will not endanger the most delicate turf grasses. Each application does two important jobs, and if purchased in bulk, the cost per application for a 5000 sq. ft. green is less than 75 cents.

**TAT C-LECT BULK SPECIAL.** This is identical to TAT SOILICIDE except in more concentrated form. Can be appropriately diluted for use as a fungicide or for crabgrass control on greens, fairways, tees or aprons. Represents lowest cost for large users. Only available in 15 and 53 gallon drums.

**TAT WEED C-LECT.** The only 2,4-D formula specifically compounded for mixing with TAT C-LECT SPECIAL or TAT SOILICIDE to permit killing most broad leaf weeds during same treatments. Packed in 1-5 and 53 gallons. Order now from your dealer. If he cannot supply you, please write us enclosing his name.



**O. E. LINCK CO., Clifton, New Jersey**  
Canadian Sales: Canada Rex Spray Co. Ltd., Brighton, Ont.

*Greenkeepers depend on*

**GANDY**  
**FERTILIZER DISTRIBUTORS**  
*for accurate, wasteless*  
**SEEDING and FERTILIZING**



● Uniform fertilizer application. ● Ideal for seeding of grass seeds. ● Patented easy clean up features.

3 Models: 3 ft. and 5 ft. width hand models; 10 ft. width power model.

**E. S. GANDRUD CO.**  
Box 447G, OWATONNA, MINNESOTA

Arcadia, Tex., course operated by Albert Galuska rents spiked shoes as well as clubs.

Roland C. Bridges, Menasha, Wis., buys Calument course near Chilton, Wis. . . . Brookings, S.D., to reopen munny course. . . Walter Ellert and brothers of Holyoke, Mass., buy Russell GC near Woronoco. . . Ellerts will operate on year-around basis with skiing in winter. . . Meriden, Conn., Recreation commission appoints pro George Hunter to full management of munny course.

Construction of 9-hole grass green munny course begun at Eagle Pass, Tex. . . Jack Fleck signed as pro of Davenport, Ia., Duck Creek and Credit Island munny courses. . . Joe Kirkwood, famed trick shot artist and still a good man in tournament play, is in his 37th year of exhibitions. . . Joe's show is kept so fresh and interesting it's new to me every time I see it. . . I'll bet I've seen Joe exhibit 100 times and every time he's given the crowd more than its money's worth.

Herington, Ks., organizing golf club. . . Architect Wm. H. Diddel's plans for new munny course at Great Falls, Mont. have the town's golf nuts all excited. . . Vincent Charles Paris new mgr., Valley CC, Hazel-

**NEED SUPPLIES and EQUIPMENT? See Page 123**

**TURF** *that Speaks for Itself!*

**EACH YEAR—FOR TWO DECADES**  
**Country Club of Waterbury, Conn.**

Has Used a Carload of

**MILORGANITE**

on Greens, Tees, and Fairways

Waterbury is renowned for the excellence of its greens. Their fame has reached beyond New England. Members and visitors marvel at the fine job done by Charles Baskin in keeping top flight turf on greens every year — spring, summer, and fall — despite vagaries of the weather.

Milorganite has been used generously on the greens throughout the growing season every year for twenty years. It is the backbone of the fertilizer program, and provides the bulk of nitrogen — except for a small amount of ammophos — a little muriate of potash is used when needed, and enough lime is applied to prevent soil from becoming acid.

The watered fairways on this course have a good dense turf because they get their share of Mil-



organite. Fertilization with it, rather than reseed- ing, is the secret of good fairways.

Write for information about Milorganite—it will do equally well on your course. The services of our experienced agronomists and our soil testing laboratory are available to you with limitations.

*Turf Service Bureau*

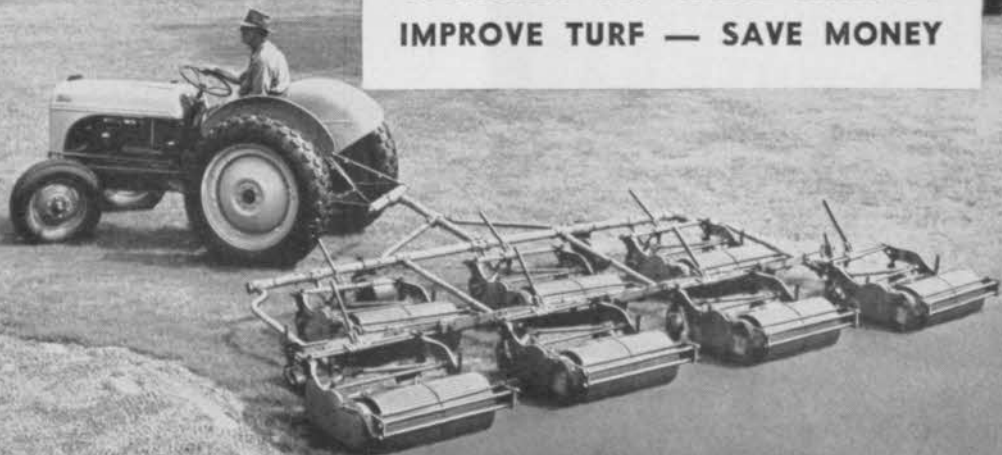
**THE SEWERAGE COMMISSION**  
Milwaukee 1, Wis.

**GOLF CLUBS**  
**USE MORE**

**MILORGANITE**

**THAN ANY**  
**OTHER FERTILIZER**

**OFFICIALS GET THESE BENEFITS  
IMPROVE TURF — SAVE MONEY**



**THE ROSEMAN FOURSOME**

- 1. Better Fairways**
- 2. Lower Cost**
- 3. Neater Roughs**
- 4. All-Purpose Mowing**

ROSEMAN Roller-Drive mowers are ALL-PURPOSE MOWERS that mow your roughs as well as your fairways. No extra gang of rough mowers required.

They mow your bunkers and overhang and mow the edges of your traps without dropping off. Expensive specialized equipment and hand trimming eliminated.

Adjust to or from rough mower anywhere on the course. Time required for 7-gang: less than one minute. Roseman Roller-Drive Mowers now have a full roller — resulting in cleaner swaths on watered fairways.

For the only mower that will cut both roughs and fairways --- For the only mower that will eliminate expensive equipment and hand labor — use the Roseman Mower.

Roseman Roller-Drive Mowers are designed to mow your entire course at the least possible cost. They have been proved to do just that.

*Write for information today.*

**ROSEMAN TRACTOR MOWER CO.**  
CRAWFORD, CENTRAL and RIDGE ROAD  
EVANSTON ILLINOIS  
MANUFACTURERS

**ROSEMAN**  **MOWERS**

LET THEM PLAY A . . .

# WHITE BALL



**LEWIS  
GOLF BALL  
WASHERS**

Ask your  
GOLF SUPPLY DEALER

ton, Pa. . . Vestavia Hills Golf & Riding club planning to spend \$500,000 on plant, organized at Birmingham, Ala. . . South Pasadena, Calif., considering many course in Monterey Hills section.

Benny Coltrin, 40, Lake Merced (Calif.) G&CC pro since 1934, 4-time winner of Northern Calif. PGA title, died March 10 in Ann Arbor, Mich. hospital following a heart operation. . . He is survived by his widow and three young daughters. . . Poor health limited Benny's play during recent years but during the '30s the grand little fellow was one of the tournament stars. . . His loss is deeply lamented by the many pros and amateurs who knew this fine gentleman and sportsman.

Horace Anderson Brand, 52, a native of Carnoustie, who served as pro at Pittsburgh, Pa. and clubs in Clarksburg, W. Va., died suddenly at his home in Clarksburg, March 1. . . He is survived by his widow, a son, David Richard Brand of Pittsburgh, and a brother and sister in Scotland. . . His brother, Fred, a well-known pro, died in 1943 at Pittsburgh. . . Horace was one of the great old school who taught the game to thousands in his adopted land and left upon them the imprint of his cheerful personality.

Pennsylvania GC (Phila. dist.) changes names to Chester Valley GC. . . Ocala, Fla. to build new clubhouse at many course.

## John BEAN GOLF SPRAYERS



**JOHN BEAN SPRAY BOOMS** are ideal for spraying turf chemicals. Separate feed lines deliver equalized amounts of material to the right, left and center boom. Boom wings fold back to avoid obstacles, or for traveling and drag markers indicate areas that have been sprayed.

### GIVE THOROUGH COVERAGE FASTER

When you equip with John Bean sprayers and special 20 nozzle weed booms, ridding fairways, roughs, greens and fences of weeds is a fast, easy, one-man job. The John Bean weed boom delivers a coarse driving spray with a minimum of "drift," in controlled volume for your own spraying practice. John Bean sprayers are sturdy and reliable and are available in an output range of 4 to 60 gallons per minute. Write for the name of your nearby John Bean Dealer.

### JOHN BEAN

DIVISION OF FOOD MACHINERY CORPORATION  
LANSING 4,  MICHIGAN

COMPLETE RANGE OF TYPES AND CAPACITIES TO FIT YOUR NEEDS

**TRUCK MOUNTED OR POWER TAKE-OFF.** Your choice of engine powered or power take-off models to suit your needs and equipment.

**BIG OUTPUT RANGE.** John Bean sprayers deliver from 4 to 60 gallons per minute at 10 to 800 pounds pressure, depending on the model selected.

**FIRE PROTECTION.** For emergency control of grass or building fires, John Bean high pressure sprayers are ideal stand-by units.



## Aerify Greens this Spring

Spring is the time to prepare putting greens for the hot season ahead. If compact soil and shallow rooting are conditions to be overcome, the use of the **Fairway-Green Aerifier** will be of value. Deep cultivation with the Aerifier will loosen the soil permitting water to drain down through the green, if internal drainage is adequate. Loose, well-drained soil is the best medium for root growth.

Spring applications of phosphate will be more effective after aerifying. Phosphorus is the element that roots need, and should be placed down in the root zone.

The Aerifier can be used with either 1" or 1/2" diameter spoons. Either size will cultivate to a maximum depth of 5 inches. Both sizes are shaped the same, curved to enter and leave sod without tearing. Spoons are easily interchangeable.

If soil is essentially good, it may be sufficient just to loosen it by cultivation with the 1/2" diameter spoons. Cultivation helps to maintain

a good soil structure. The thin soil cores can be broken up to serve as a light top-dressing. Surface will be no more disturbed than if green had merely been top-dressed.

When soil is too fine-textured, a more thorough renovation job with 1" diameter spoons may be desirable. Soil cores should be raked off the green, and then a good top dressing mixture can be worked down into the holes.

Aerifying, applying materials and raking off or breaking up soil plugs can generally be accomplished in less than an hour per green.

*Ask your dealer for complete information about the Fairway-Green Aerifier.*

*Or, write to:*

*West Point Lawn Products*  
*West Point, Pa.*

## CLEMSON MODEL E-17 LAWN MACHINE



**MINIMIZES LABOR  
THROUGH CUTTING EFFICIENCY**

Costly hand clipping time on your mowing job is trimmed to a minimum with the new Clemson Model E-17 Lawn Machine—it's built to cut closer to obstructions, What's more—extra features make it easier to operate and maintain:

1. Rigid bed knife is integral part of main frame.
2. Fingertip adjustment of shear and cutting height.
3. Divided plastic roller eliminates scuffing of sod.
4. Handle suspension prevents "bobbing" on bumpy ground.
5. Taken down and reassembled in a matter of minutes with the simplest of tools.

The Clemson Model E-17 cuts a full 17-in. swath, gives you more per dollar investment. Investigate it today.

Sold exclusively through wholesale distributors to retail channels by the makers of world-famous Star Hack Saw Blades, Frames, and Band Saw Blades.



**CLEMSON BROS., INC.**  
Middletown, N.Y. U.S.A.

\$29.95

(Denver West \$31.95)

© 1948

... Neil McHugh on job as new pro at Grove City (Pa.) CC... Charles Taber new mgr., Bisbee (Ariz.) CC... Charles Goodman and wife new pro-mgr. team at Macon (Mo.) CC... Charles Carter to construct 9-hole course at El Paso, Tex.

Mishawaka, Ind., considering 9-hole muniy course at Petro park... Harold Chilcott new mgr., Curtis Creek CC, Rensselaer, Ind... Harold Fesler new mgr., Elwood (Ind.) CC... Dave Harris new pro at White Lakes CC, Topeka, Ks... Claude Turner, formerly asst. to R. C. Whitlow at Topeka CC, signed as gkpr. of the new White Lakes club.

Scottsbluff (Neb.) CC nearing completion of \$70,000 clubhouse... Rodney Howard now pro at Weston (Mass.) GC... Ted Adams, former Mass. state amateur champ who turned pro a year ago, succeeds Howard as pro at Pocasset GC on Cape Cod... Franklin Park, Boston, oldest muniy course in Massachusetts, finally getting a new clubhouse... Joe Howe, Franklin Park gkpr. for 40 years, is retiring... Harry Dowling signed as Newport (Vt.) CC pro... Dowling succeeded at Springfield Memorial course by John Raimondi.

PGA championship at Norwood Hills CC, St. Louis, May 19-25 this year is a month earlier than usual... Should hit ideal weather at St. Louis that time of the year... Making it easier for gate to pay

# DBA



## LIQUID LUSTRE GOLF BALL WASH

Contains no harmful chemicals. Never develops offensive odors. Lively suds erase dirt and grass stains easily. Preserves the sparkling lustre of ball, makes it easier to follow in play. A long lasting, superior wash which spells real economy—use only one tablespoonful per ball washer every 2 or 3 days.  
Price: \$4.50 per gal. 5 gal. can, \$21.50

Order from your dealer or direct from

**D B A PRODUCTS CO. Dept. GD3 DEERFIELD, ILL.**

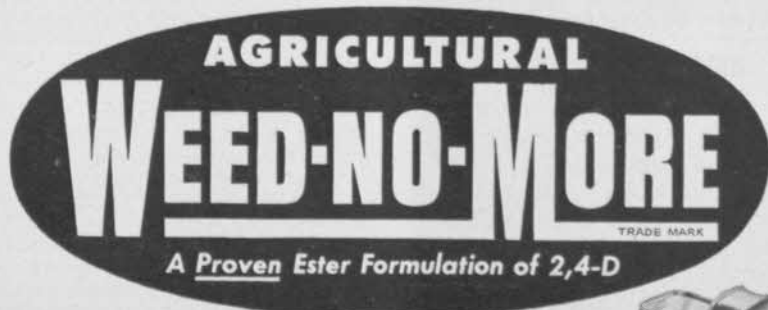
\*\* (Golf Supply Dealers write for complete details) \*\*

**NOW YOU CAN HAVE**

# Weed-Free Turf

*at far less cost than former weed-eradication methods*

**USE ONLY 1 TO 2 PINTS PER ACRE OF**



**Highly Effective!** Authorities have found that the ester forms of 2,4-D used in Agricultural Weed-No-More penetrate weed leaves within 5 minutes or less, then begin to work instantly.

**Saves Time and Money!** Using the new Weed-No-More spraying method developed and proved by Sherwin-Williams Research, one man can spray as many as 100 acres in a single day. The use of Weed-No-More results in beautiful, weed-free turf.



**Easy to Apply!** Agricultural Weed-No-More is effectively applied with a simple, low-cost spray attachment quickly assembled and mounted on tractor, Jeep, or truck. Pump can be driven by power take-off or small gas engine. Hand sprayers can be used for small areas. One to 2 pints of Weed-No-More in only 5 gallons or less of water per acre kills dandelion, plantains, buckhorn, and other turf weeds.

For full information phone your supply dealer or write direct to Agricultural Chemicals Division, 1231 Midland Building, Cleveland 1, Ohio.

**New Movie Tells All.** Committees and boards should see the new full-color, 16mm sound film "Agriculture's New Conquest." It tells the full story of weed control with 2,4-D on farms and large turf areas. See your dealer or write direct to Agricultural Chemicals Division, 1231 Midland Bldg., Cleveland 1, Ohio.



Acme White Lead & Color Works, Detroit  
W. W. Lawrence & Co., Pittsburgh  
The Lowe Brothers Co., Dayton  
John Lucas & Co., Inc., Philadelphia  
The Martin-Senour Co., Chicago  
The Sherwin-Williams Co., Cleveland

**PRODUCT OF SHERWIN-WILLIAMS RESEARCH**

# No Need to Weed

## With **DOLGE WEED-KILLER** on the job!

SWIFT, efficient . . . use where no vegetation whatever is desired.

SAVES money and hours of back-breaking work. An hour's sprinkling with DOLGE WEED-KILLER equals six hours of weeding by old-fashioned methods.

PENETRATES to the roots, destroying the plants completely.

STERILIZES the soil and prevents seeds from sprouting.

### E. W. T. SELECTIVE WEED-KILLER

NOT INJURIOUS to most grasses, but acts on weeds effectively.

DOES NOT STERILIZE most soils.

RIDS turf areas of dandelions, plantains and other hardy weeds . . . perfect for ragweed and poison-ivy control.

DOES NOT CORRODE metal sprinkling and spraying equipment.

NON-POISONOUS to humans and domestic animals.

Write for complete literature, with full directions for applying these tested DOLGE products.

**THE C. B. DOLGE CO.**  
WESTPORT, CONNECTICUT

off the \$30,000 guarantee and providing fine playing conditions. . . Qualifying rounds will have to be played before boys in the north have warmed up to their 1948 swinks but for 30Gs who can squawk?

Too much gossip about gamblers following the tournament circuit. . . PGA had better look into this with cold keen eyes and crack down hard if slightest basis for rumors is discovered. . . Pro golf has been very lucky so far to have kept clear of being fouled by gamblers. . . Those dear romantic days when "Titanic" Thompson used to use the boys for separating suckers from money have departed. . . No romance of trimming the chumps now is in the gambling business. . . The gamblers are in big dirty business. . . This situation is one in which the PGA's advisory committee of businessmen amateurs might well insist on the employment of competent impartial investigators.

Memphis CC officials and members making plans for receiving players, gallery, USGA officials and press at 1948 National Amateur that should show Southern Hospitality at its cheeriest. . . Memphis did well as host to a Women's National and a Western Amateur. . . Awarding of the Amateur to Memphis and great activity in Green Section work is making southeastern clubs more interested than ever in joining the USGA.

## ★ Buckeye

7 BLADE BENT GRASS

Lawn Mower

FOR  
GOLF COURSES

NOW AVAILABLE

Model 700

Light weight, 7 cutting blades for smooth cutting. Crucible alloy steel knives. Ball bearing reel. 10-inch semi-pneumatic tires. Rubber roller. Steel handle. 16-inch cut.

ALSO  
AVAILABLE

Model 900 push type tractor mower. 20-inch cut.

Inquiries solicited.



**PAST-FOOS** Manufacturing Company

LAWN MOWERS SINCE 1880

SPRINGFIELD, OHIO



## CUT GREENS...REMOVE NAP in ONE Operation

No longer is nap a problem on putting greens provided you use a Toro Power Greensmower.

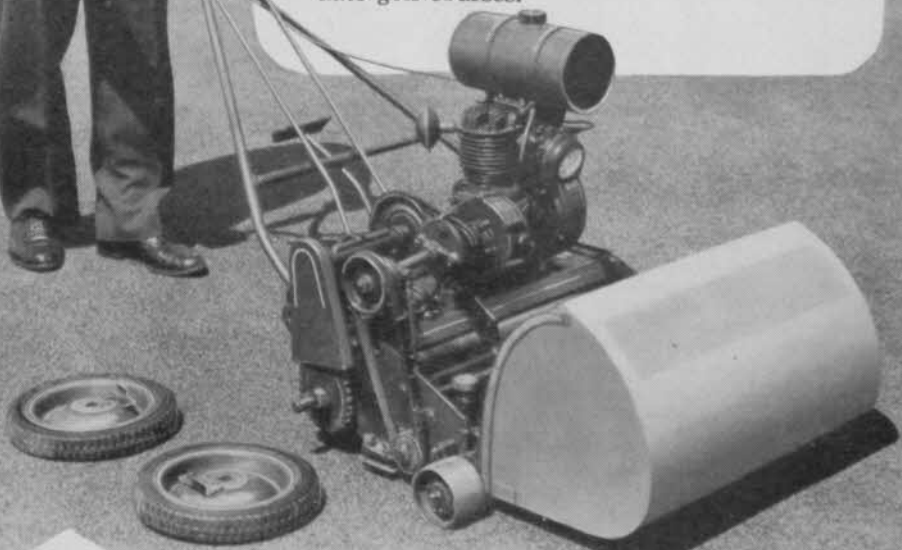
You don't have to use a special rake or take extra time at \$1.25 per hour.



The special nap eliminator comb fits directly behind the front roller... lifts up the strands of grass a split second before the reel passes over.

Results... a perfect green with no nap... no corrugations... no raking!

This comb and the simple, practical off-and-on transport wheels... plus several other new and revolutionary improvements, has made the new Toro Power Greensmower a No. 1 favorite on up-to-date golf courses.



↑  
"Clip-on" Rubber Tired TRANSPORT WHEELS included at no extra cost

**TORO** MANUFACTURING CORPORATION  
MINNEAPOLIS 6, MINNESOTA

MOWING MACHINERY SPECIALISTS FOR OVER TWENTY-FIVE YEARS

## Smooth the way with BETTER GRASS

Eliminate continuous feeding—one complete feeding annually for the famous *Raritan Velvet Bent* gives a luxurious, healthy turf.

Certified Blue Tag Quality—99% pure or better. Seed one pound per thousand feet of green.

Famous Wagner improved methods of growing and harvesting make possible *reduced* prices. Supply ample.

**GRANDE RONDE Valley** HARDY, DROUGHT-RESISTANT GRASS SEED  
**RESQUC—ILLAHEE, CREEPING, CHEWINGS & ALTA BENTS—HIGHLAND, ASTORIA, SEASIDE & VELVET**  
**H. L. WAGNER & SONS IMBLER, OREGON** P. O. BOX 551  
 Eastern Representative **C. W. BAKER** MILFORD, CONN.

Walter Kennett, 59, died suddenly March 2 at Daytona Beach, Fla. . . . Walter had been pro at Gull Lake (Mich.) CC for 19 years. . . He was born in England and after serving as an asst. came to the U.S. in 1911. . . He was with clubs in Illinois, Wisconsin, Michigan and Florida prior to going to Gull Lake. . . He served with the U.S. Army in World War I. . . Walter is survived by his mother in England and seven brothers. . . Brother Frank is pro at Kalamazoo (Mich.) CC. . . Charles for many years was pro at Iowa City and Harry was pro at Manila before coming to the U.S. in 1911 to engage in pro golf. . . Walter was one of those thoughtful, pleasant fellows who'd do anything to help people enjoy golf. . . His memory will stay green with thousands in golf among them me to whom Walter gave a helping hand when I was being broken in as a golf reporter.

Harold Peterson of MacGregor Golf, Inc., and modeling Craig Wood sportswear, won low gross at annual tournament of Men's and Boys' Apparel Club of Southern California tournament and was judged "the best dressed golfer." . . . Harry Griesmer named pro at new Bethesda (Md.) CC. . . Bethesda club to add 9 holes. . . Rice Lake G&CC organized at Lake Mills, Ia.

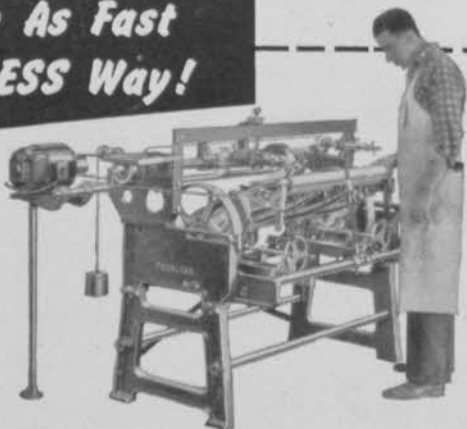
Hillcrest CC organized at Mt. Vernon, Ia. . . Fred Brant signed as pro-gkpr. Beeson

## Cut Grass Twice As Fast The Easy PEERLESS Way!

Mowing time can be cut—often as much as 50 per cent—when grass-cutting blades are razor keen. Greens and fairways look better quicker—stay well-kept longer—when you have your own Peerless Sharpener. There's no "going over" a second time when your blades are Peerless Sharpened. A Peerless edge cuts closely, evenly, smoothly—and does it right the first time!

Peerless' fast-cutting grinding wheel gives any type of mowing blade a keen, smooth edge. Its rugged, precision mechanism gives years of trouble-free service. Write today for complete information.

P. S.: Peerless Sharpeners are perfect for estates and country places, too.



Works with Any Mower • Easy, Simple to Operate • Accurate and Durable • A Keen Cutting Edge Every Time

**PEERLESS SHARPENERS**  
The Popular Choice  
Since 1909

The FATE-ROOT-HEATH COMPANY • Dept. D-1, Plymouth, Ohio