

# KILL WEEDS

**IN LARGE TURF AREAS**

at far less cost than former weed-eradication methods  
**HAVE BEAUTIFUL, WEED-FREE TURF WITH**

**GOES ON FAST**

—treats 7  
to 15 acres per hour.

**GOES FAR**

—use only 1 to  
2 pints per acre in only 5  
gallons or less of water.

**AGRICULTURAL**  
**WEED-NO-MORE**  
TRADE MARK

A Proven Ester Formulation of 2,4-D

**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.

**Easy to Apply!** Agricultural Weed-No-More is effectively applied to large turf areas with a simple, low-cost spraying attachment quickly assembled and mounted on a tractor, Jeep, or truck. Pump can be driven by power take-off or a 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 dande-



lion, 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 interested in large areas of weed-free turf 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 in its most effective form. To arrange for a showing, consult your dealer or write direct to Agricultural Chemicals Division, 1231 Midland Building, 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**

"TOP HONORS"

PURATURF<sup>®</sup> 177

**Organic  
-----  
Cadmium  
-----  
Compound**

*The outstanding material  
for turf protection and  
eradication of*

- DOLLAR SPOT • PINK PATCH
- COPPER SPOT

NON-IRRITATING—NON-MERCURIAL

In an impartial survey of leading greenkeepers testing Puraturf 177, 9 out of 10 report:

1. Eradication of Dollar Spot infection within 2-7 days after application depending on severity of the infestation.
2. Prevention of Dollar Spot maintained by a 10-14 day spray schedule.
3. No injury is reported on bent grasses when used according to directions.
4. Elimination of and protection against Copper Spot diseases.

Manufactured by  
**GALLOWHUR CHEMICAL CORP.**  
NEW YORK, N. Y.

Distributed by  
**Niagara Chemical Division**  
**Food Machinery Corp.**  
MIDDLEPORT, N. Y.

\*Trade Mark

issued by Minnehaha CC, Sioux Falls, S.D. . . . It lists committees, ladies' days and events, men's stag days and events, dinner dances, special events, teen age, family night, bingo and pool events, bridge suppers, bridge luncheons, house rules, and membership.

John J. O'Brien, pres., Kebo Valley club, Bar Harbor, Me., has compiled an interesting history of the 60 years of the club. . . Kebo Valley installed a 6-hole golf course in 1892 and expanded it to 9 in 1895—in 1919 course was increased to 18 holes. . . Shirley Liscombe, son of Andrew E. Liscombe who laid out Kebo Valley's first course and was greenkeeper for 38 years, has been pro at the club for 42 years and gkpr. for 16 years.

Johnny Revolva, Evanston (Ill.) CC pro, giving 15 minute radio lessons each Saturday morning. . . F. J. Busby, supt., Orlando (Fla.) CC, successfully dynamited a compact green to increase aeration. . . One-fourth stick of dynamite was used in each hole 3 to 3½ ft. deep. . . Holes were 6 to 8 ft. apart. . . About 26 sticks of dynamite were used on a large green. . . N. Calif. PGA setting up a credit bureau to exchange information on bad accounts.

Albert Allen, for years prominent as a golf salesman in Pennsylvania and mid-

**START Irrigation  
Plans HERE...**

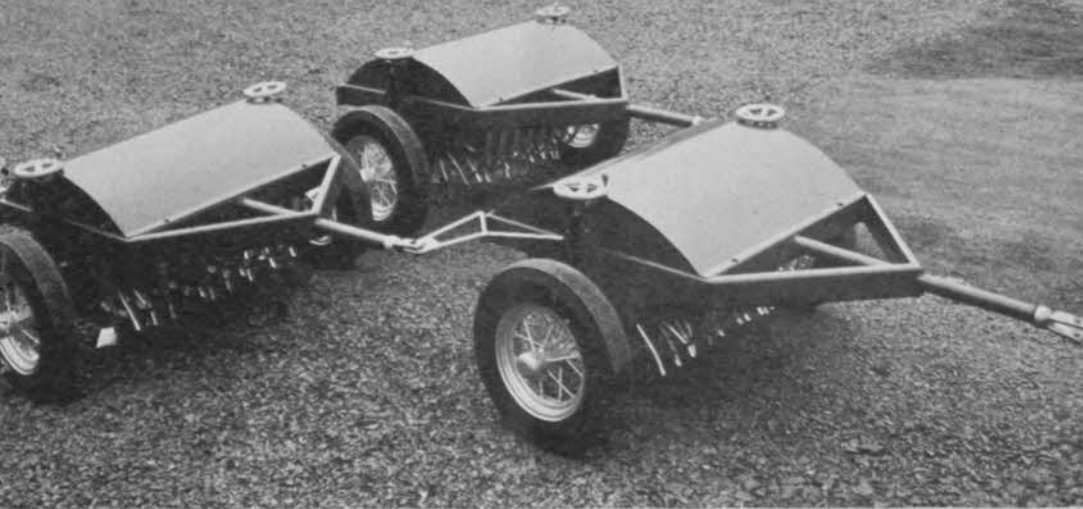


Choose your sprinkler heads first and save — their specifications directly affect pipe and plumbing equipment needed.

- Courses all over the country have chosen RAIN BIRD Sprinkler Heads —available in a wide range of models that lets you choose exactly the irrigation needed. By choosing the right RAIN BIRD heads first, you may save a great deal of money on piping. Write for catalog.

**L. R. Nelson Mfg. Co., Inc.**  
**PEORIA, ILLINOIS**

Manufacturers of Lawn and Golf Course  
Sprinkling Equipment • Overhead Irrigation  
• Since 1911



## TO AERIFY THE ENTIRE COURSE Triplex Aerifier Gang and Greens Assembly

The three unit Aerifier gang cultivates a swath nine feet wide. Large areas can be cultivated quickly. Units are arranged to give complete coverage.

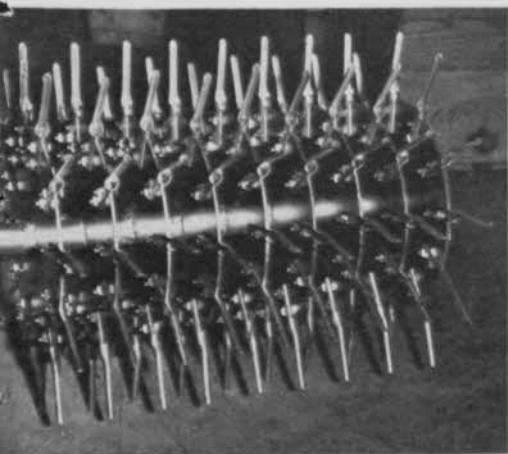
The gang can be pulled by any fairway tractor. Cultivation of fairways is done as rapidly as mowing.

The gang is easy to handle. It is not necessary

to raise cultivating reels when making turns. The three units are coupled together for use on large areas. Any of the units may be detached and used as a separate machine for cultivating small areas.

Units for fairway use are equipped with inch diameter spoons. Half inch diameter spoons can also be used on the Aerifiers.

***The Greens Assembly shown below will fit into any  
of the units of the gang.***



This cultivating reel is equipped with half inch diameter spoons for use on greens.

Shaft and plates are included with the Greens Assembly. It is only necessary to remove four bolts in order to take out the reel equipped with large diameter spoons and replace it with the Greens Assembly. The job can usually be done in about ten minutes.

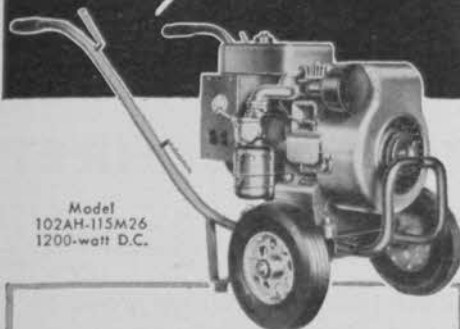
The Aerifier gang and Greens Assembly provide for rapid aerification of the entire golf course.

***Ask your dealer for complete information  
about the Aerifier. Or, write to:***

*West Point Lawn Products  
West Point, Pa.*

# OPERATE ELECTRIC TOOLS

*Anywhere!*



Model  
102AH-115M26  
1200-watt D.C.

## SPEED WORK—CUT COSTS



Hedge Shears



Edge Trimmer



Electric Spade



Grass Clipper

With a low-cost, portable Onan Electric Plant you can use fast-working electrical tools anywhere. Operate grass clippers, hedge shears, edge trimmers, drills, saws, electric spades and chisels, other tools and lights. Easy to wheel, quick to start, equipped with convenient outlet boxes for direct plug-in of tools and lights.

Powered by economical-to-operate Onan 4-cycle, one-cylinder, air-cooled engines. Eighteen models—A. C.: 350, 500, 750 and 1000 watts, 115 volts. D. C.: 600, 750, 1200 and 1500 watts, 115 volts.

*Write  
for  
Folder*



**D. W. ONAN & SONS INC.**  
5165 Royalston Ave., Minneapolis 5, Minn.

**ONAN ELECTRIC PLANTS**

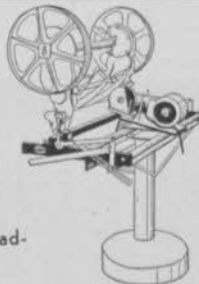
Atlantic territory, died suddenly at Philadelphia, May 23. . . Al had the Hagen line, Jackman sportswear and other accounts in the Philadelphia district and always did a fine job for the pros. . . His son, Albert, Jr., who has been with his father since coming out of military service two years ago, will carry on the business at 1011 Chest St., Philadelphia.

Cute little stunt Mallinckrodt did in reminding greenkeepers now's the time for Calo-Clor protection. . . Pasted a swatch of green velvet on the letter reminder. . . That's an idea clubs can use on some of their publicity. . . James Harter now gkpr., Rochelle (Ill.) CC. . . First ace made in 24 years of Moberidge (S.D.) CC by E. P. Harrison on 145 yd. fourth. . . Henry Dutton, widely known former club mgr., now making Casa de Manana, San Diego, Calif., famous for deluxe service.

L. B. Icely, Wilson Sporting Goods pres., got badly jarred in derailment of City of San Francisco near Grand Island, Neb., late in night of June 25. . . He was en route to Chicago from Pacific Coast and was back on the job in his office June 28. . . Bing Crosby for performance year in and year out has credentials hard to beat as "man who does most for golf." . . . Bing engineered and was main at-

## MODERN LAWN MOWER SHARPENER

- Increase Productivity
  - Speed-up Maintenance
- DELIVERY NOW!**



**12** reasons why THE MODERN LAWN MOWER SHARPENER is being used as standard equipment at leading clubs.

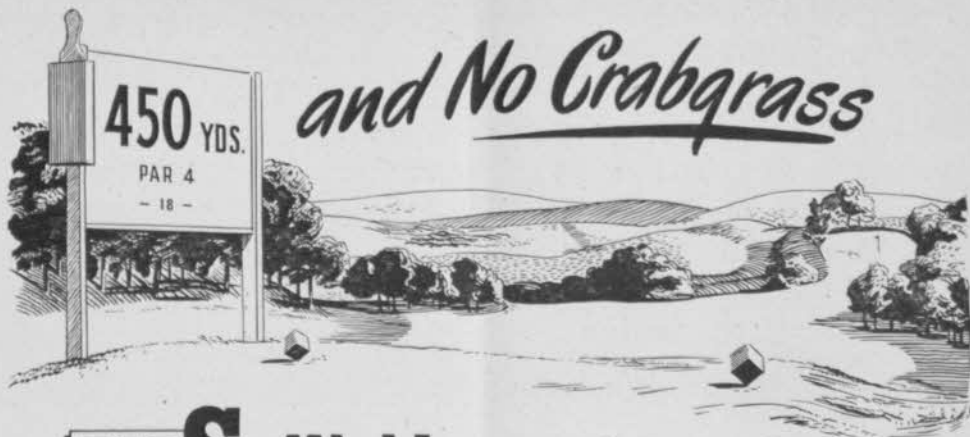
Check these features. 1. Sharpens all reel type power and hand mowers in from ten to twenty minutes without dismantling. 2. Sharpens to extreme ends of both left and right twist reel blades. 3. 5-inch edge to 36-inch power mower capacity. 4. Handle, wheels, roller and motor remain in place when sharpening is in process. 5. Bed knife is sharpened in same brackets that hold mower in grinding position. 6. No extra attachments required. 7. One lever puts mower or bed knife in grinding position. 8. 100% steel construction. 9. Grinding head rides on five sealed ball bearing races. 10. Small, compact, easy to operate. 11. Sharpens wood chisels, joiner knife and planer blades without extra attachments. 12. The Modern Lawn Mower Sharpener pays for itself in a matter of months.

PRICE \$241.50 (less motor)

1/3 H.P. MOTORS — 60 CYCLE — \$21.50

Send for Free Bulletin No. 16A

**MODERN MANUFACTURING COMPANY**  
160 N. FAIR OAKS AVE. • PASADENA 1, CALIF.



*and No Crabgrass*

## **TAT** **Soilicide** *for Healthy Greens*

**Gives safe, SELECTIVE control of crabgrass and fungus**

With TAT Soilicide you get dual action . . . double value . . . at a single labor cost! "I thought you would like to hear," writes K. J. Cook, Willow Wood Country Club, Hinton W. Va., "of the remarkable results I experienced with your product, TAT Soilicide. To my surprise (the crabgrass)

completely disappeared, leaving no trace . . . 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." Other letters bring us the same story from all over the country. (Names on request.)

## **TAT** **C-LECT** *for Fairways, Greens and Lawns*

**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, fair-

ways, tees, or aprons. Represents lowest cost for large users — an application for a 5,000 sq. ft. green is less than 75 cents. Only available in 15 and 53 gallon drums.

## **TAT** **WEED** **C-LECT** *for Simultaneous Weed Control*

The only 2,4-D formula specifically compounded for mixing with TAT C-Lect Special or TAT Soilicide. This safe, effective combination permits killing crabgrass and

most broad leaf weeds during same treatments. Packed in 1, 5, and 53 gallons. Order now from your dealer. If he cannot supply, please write us enclosing his name.

**DUAL ACTION**

**DOUBLE VALUE . . . without harming delicate turf!**



**O. E. LINCK COMPANY, Inc.**

Clifton, New Jersey

Canadian Sales: Canada Rex Spray Co. Ltd., Brighton, Ont.

# BI-CAL

for the efficient —  
economic control  
of Brown Patch

A Mixture consisting of  
65% Calomel,  
32% Corrosive Sublimate  
and 3% Activating Agent

CALOMEL

BICHLORIDE  
OF  
MERCURY

**METALSALTS**  
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traction at benefit for Benny Coltrin's widow and four-year-old twin daughters. . . Benefit match brought in \$17,500. . . Individuals contributed enough more to raise total to \$25,000.

Ft. Wayne (Ind.) CC sent out announcements of its July Fourth party in red mailing tubes with string coming from end, looking like huge firecracker. . . Carl Suedhoff, Ft. Wayne's sec.-mgr. always has swell circus publicity for the club's events. . . Hawaii wants another Open with mainland pro stars this winter although angel of last winter's event lost \$4000. . . Miami (Fla.) CC celebrating 50th anniversary this year. . . Announces 25th annual Dixie amateur for club Jan. 3-9, 1949. . . Florida East Coast Hotel co. courses set 1949 early schedule of men and women's events. . . Louise Suggs, worn down by tough weather during her victory in British women's championship, passed up Women's Western Open. . . An exhibition match shortly after Miss Suggs return from overseas showed her off her game. . . Report's around that she'll turn pro soon on a manufacturer's staff.

When they lead, they lead in tournaments these days. . . Bobby Locke's 16 stroke edge over Ellsworth Vines' second place 282 in the Chicago Victory Open was a record for a fast field. . . Miss Pat

## GRASS SEED of "Known Quality"

*Tested for Purity and Germination*

For Late Summer and  
Early Fall Seeding

*Send for new price list*

Immediate shipment on Brown Patch Remedies, Chlordane and other Insecticides, Fungicides and Golf Course Equipment and Supplies.

*Catalogue on Request*

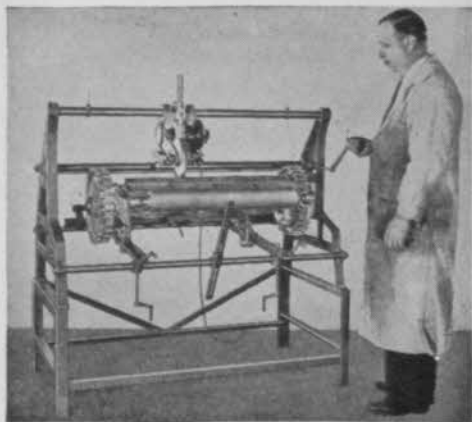
*Stumpp & Walter*

132-138 Church Street  
NEW YORK 8, N. Y.

O'Sullivan won the Connecticut Women's championship by 14 strokes. . . After the Chicago victory with 266 Locke told cameramen they cost him two strokes. . . One of them responded, "You cost us a lot of film."

Iowa Greenkeepers, after listening to Bill Adams and Mike Shearman tell about conditions observed when they visited Scotland and England last winter took up \$158 collection for food packages to send abroad. . . Barbara Bourne Smith married to John Bishop von Schlegell at Pinehurst, May 26. . . Ormond Beach (Fla.) GC, usually closed in summer, leased by Ormond Beach Golf Assn. . . Joe Cannon, formerly asst. to Jimmy Thompson at Mohawk Valley CC, Schenectady, N.Y., is Ormond Beach pro under new summer operating arrangement.

Action photos of Red Run GC (Detroit dist.) appear in club magazine together with pro Frank Walsh's comment on the members' swings. . . Joel Bennett, one of Walsh's assistants at Red Run, married to Hope McFarren of Fairhaven, Vt. . . Midwest Assn. of Golf Course Supts. and Illinois PGA to play rained-out tournament at Tam o'Shanter Sept. 13. . . Greenkeeping Supts. Assn. to have annual championship at Medinah CC (Chicago dist.) Oct. 4 and 5 mornings. . . After-



If you want the grinder  
whose users say —

**"We are able to turn out a perfect job  
in far less time than ever before"**  
here it is — the

## CARPENTER LAWN MOWER GRINDER

In its 15th season serving the nation's leading golf clubs, the Carpenter Grinder is a marvel of precision, simplicity and speedy work. Study these features. NO OTHER GRINDER OFFERS SUCH A DESIRABLE COMBINATION OF ADVANTAGES.

1. Machine is complete without accessories, no hoist or auxiliary holding device needed.
2. The one cradle holds either reel or bed knife.
3. Accommodates all sizes of mowers including the largest tractor drawn units.
4. Grinds to any desired bevel, following manufacturer's grind.
5. Coarse and micro adjustments of grinding head provide speed and precision.
6. Overhead grind and EXCLUSIVE ARC-ADJUST TRAVERSE positively assure AN EVEN CUT ALL ACROSS. THE GRAHAM DEFINITELY EXCELS IN THIS RESPECT.
7. Entire setting and operation is without tools.
8. No mechanical teaming or grinding experience needed to operate with 100% results.
9. Mechanically RIGHT, extremely rugged. We have plenty of 15-year-old grinders in use today.

Here is THE grinder for a club that must have velvet greens and well-kept fairways, and wants to keep its mowers on the job, not always lined up in shop awaiting grinding. Get complete illustrated bulletin and price data NOW.

Request "BULLETIN No. 43"

**GRAHAM MFG. CO.** 10 Bridge Street  
E. Greenwich, R.I.

IT TAKES SO LITTLE  
and it PAYS SO MUCH  
AT EVERY  
**TEE!**



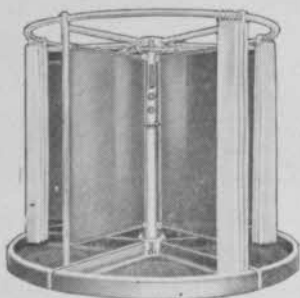
**LEWIS  
GOLF BALL  
WASHERS**

Ask your GOLF SUPPLY DEALER

# AGREED!



That  
Group Showers  
Simplify  
Installation



Bradley Multi-Stalls are the practical shower for your clubhouse, gymnasium, field house, — compact, sturdy, economical, and sanitary.

They come partially assembled for quick, easy installation on any kind of floor including wood.

One Bradley "5-Stall" Unit requires only three supply lines — hot water, cold, and drain in comparison to 15 plumbing connections needed for five conventional "single-stall" showers.

## SANITARY DRINKING FOUNTAINS

Wherever the convenience of a sturdy, sanitary drinking fountain is desired, Bradleys are designed to give trouble-free service under the wear and strain of everyday usage.

Illustrated Catalog 4701 gives complete details on the complete Bradley line. Write to BRADLEY WASHFOUNTAIN CO., 2359 W. Michigan Street, Milwaukee 1, Wisconsin.



Distributed Through Plumbing Wholesalers

**BRADLEY**  
*multi-stall shower*

noons will be devoted to educational sessions.

PGA and GSA members admitted to all USGA championships by applying to club holding championships and paying only govt. tax. . . Alpine GC, Egg Harbor, Wis., adding 9 holes.

Henry Longworth blasts British PGA "closed shop" in Golf Illustrated, London. . . Says British PGA membership eligibility is unfairly restrictive and "against best interests of the game." . . . Says British pros "seem to be in danger of falling into the same illusion that caused their brother professionals in the United States to fall into a temporary public contempt for which they have not yet wholly emerged. This illusion, bluntly, is that the professional is the 'king pin' of the game of golf. He is not. He is its servant."

Longworth sharply criticizes British PGA for inviting four Italian pros to be temporary members so they can play in British tournaments restricted to the PGA while "young Englishmen are kicking their heels on the sideline, all because they are denied membership in a British trade union, membership which is readily granted to a defeated enemy."

From Longhurst's censure and com-

## ELIMINATE THE DANGER OF SCALDING IN SHOWER BATHS



STOP unexpected changes in the water temperature

### INSTALL THE SAFEST SHOWER MIXERS MADE

Get the best insurance you can buy for safe, comfortable showers — install POWERS Thermostatic Shower Mixers. They hold the shower constantly at whatever temperature the bather selects. Prevent SCALDING. Speed up bathing. Economize on hot and cold water. Phone or Write our nearest office for Circular H547.

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Offices in 47 Cities



**POWERS SAFETY SHOWER MIXERS**



ments by American pros that their own PGA membership eligibility code needs modernization it looks like PGAs on both sides of the Atlantic could consider revision of qualifications for membership. . . Longhurst hit one out of bounds in referring to "temporary public contempt" of "brother professionals" on this side. . . The public criticism in the U.S. applied only to bad habit of some tournament players making up their own rules. . . That situation was cleared up. . . And Henry, old boy, don't think that the smart American pro isn't like any other intelligent businessman in realizing the customer is No. 1 in importance.

About 100 mailmen play regularly in Chicago Post Office Golf Assn. tournaments. . . Sporting goods dealers to have sales clinic and exposition at Chicago Jan. 14-21, 1949. . . Dealers and jobbers will stress new techniques in selling. . . T. H. Griffin, owner, has reopened Elsmear 18-hole fee course in Montgomery, Ala., after 5 year shutdown. . . Elsmear is one of two public courses serving Montgomery area's 100,000.

Second Army tournament to be played at Ft. Knox, Ky., July 27-30. . . Charles A. Shepherd, publisher, Golf in Australia, says Australia's 1000 clubs are "progress-

## ATTENTION GREENKEEPERS!

At last—a 100% soluble liquid fertilizer that will help you keep those greens and fairways in better shape, with less work, the year around.

Yes sir, "Na-Churs" Liquid Fertilizer is based on a recommended formula as developed by The Ohio State University, and it contains the proper nutrients necessary for producing and maintaining greener, thicker, healthier turf.

"Na-Churs" is easy to apply; saves time, money and labor, and can be applied with your present equipment. Leading golf courses, the country over, are using this proven liquid fertilizer. Write Dept. E today for full information and introductory offer.

**"NA-CHURS" PLANT FOOD  
COMPANY Marion, Ohio**

# Berk's Big

# 4

**Turf Fungicides for Better Greens**

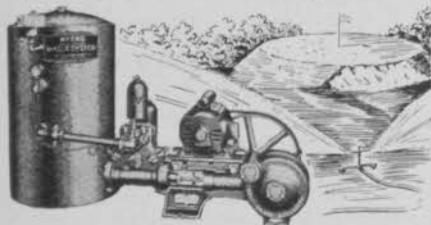
**AGRICULTURAL CALOMEL CORROSIVE SUBLIMATE  
W R MIXTURE "21" FUNGCHEX**

BERK'S BIG 4 are widely used by Greenkeepers to control large Brown Patch, Dollar Spot, Snowmold and other turf fungus diseases affecting fine grasses in greens and lawns.

**F.W. Berk & CO., INC.**  
WOODRIDGE NEW JERSEY  
NEW YORK  
SAN FRANCISCO  
LONDON



## Adequate Water Service Pays!



There's a dependable Myers Water System that will supply plenty of water at low cost for your needs—for watering fairways and greens; spraying weeds; for locker and shower rooms, complete water service in clubhouse and other buildings. See your Myers dealer and inspect the wide range of *Ejecto* and *Plunger* Types. Capacities up to 4500 gallons per hour; pressures up to 250 pounds. Write for catalog.



THE F. E. MYERS & BRO. CO.  
Dept. K-183, Ashland, Ohio

## KEEP *Your* *Fairways* WEED-FREE! Ask your dealer for WEEDANOL BRAND

2,4-D Lawn Weed Killers. Four highly effective forms, for greatest economy in any weed problem.

Manufactured By  
ASSOCIATED CHEMISTS, INC.  
NORTH COLLINS, N. Y.

ing soundly without anything spectacular on the horizon." . . . Charley Stringham, supt., Minnehaha CC, Sioux Falls, S.D., has new asst., Don Rodvold. . . Team of Stringham; Ed Livingston, pro; and Max Richmond, mgr., gives that club service you won't see beaten in a city of Sioux Falls size (40,000). . . Nice line on scorecard of Paw Paw Lake CC, Watervleit, Mich.: "Poetic in its beauty." . . . Pro Patty Proctor sent us one of the cards with an ace scored by Al Nelson on 156 yd. seventh. . . The shot must have been "poetic in its beauty" to Nelson.

Al Foster, formerly asst. supt., Forest Hill Field club, now supt., Aldecress CC, Alpine, N. J. . . Joseph Greene now supt., Ft. Monmouth (N.J.) GC. . . Harold Scholzen appointed gkpr., Chetek (Wis.) CC. . . Dayton (O.) Power & Light Co. group golf lessons for employees, conducted by pro Dixie Rutherford, subject of feature story in *Aim*, industrial recreation magazine. . .

. . . Wisconsin Golf Assn. will send caddies who win Allis scholarship under plan worked out with Western Golf Assn. to University of Wisconsin when fall term opens.

## FINE SEED FOR FINE TURF

IT PAYS TO GET THE BEST

WE SPECIALIZE IN GOLF TURF

## GRASS SEED

SELECT VARIETIES — MIXTURES

KENTUCKY BLUE GRASS

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WHITE CLOVER

ORCHARD GRASS

KENTUCKY BLUE GRASS

MUCH LOWER IN PRICE

Plan your needs now. Ask for Prices

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