

# one dose of cadminate®

per month  
keeps turf spotless



Measured both in cost and effectiveness—  
CADMINATE is in a class by itself. Experience  
proves it!

CADMINATE goes much further!  $\frac{1}{2}$  oz. per 1,000  
sq. ft. prevents DOLLAR SPOT, COPPER SPOT and  
RED THREAD.

CADMINATE lasts longer, too. Unlike less effective  
fungicides, you apply it only once a month.

CADMINATE gives the results you want: Fast, sure  
control without harming your finest turf.

YOUR MALLINCKRODT  
DEALER HAS STOCKS—  
ORDER YOURS TODAY

PREVENTS ● DOLLAR SPOT  
● COPPER SPOT  
● RED THREAD

*Mallinckrodt*®

## MALLINCKRODT CHEMICAL WORKS

Mallinckrodt St., St. Louis 7, Mo. 72 Gold St., New York 8, N. Y.  
CHICAGO • CINCINNATI • CLEVELAND • DETROIT • LOS ANGELES • PHILADELPHIA • SAN FRANCISCO  
In Canada: MALLINCKRODT CHEMICAL WORKS LIMITED—MONTREAL • TORONTO

Manufacturers of Medicinal, Photographic, Analytical and Industrial Fine Chemicals

**CLEARY  
PRODUCTS**  
*for*  
**BETTER  
TURF**

✓ **PMAS**

The DOUBLE ACTION Herbicide/Fungicide kills Crabgrass and prevents and controls Dollar Spot, Small Brown Patch, Copper Spot, Snow Mold and Helminthosporium Curvularia.

✓ **spotrete**

A dry 75% THIRAM material to control and prevent Large Brown Patch, Dollar Spot and Snow Mold. It is compatible with PMAS for application in hot humid weather when the threat of turf disease is most prevalent.

✓ **Caddy**

... is LIQUID Cadmium for the prevention and control of Dollar Spot, Copper Spot, and Pink Patch. Quickly mixed it stays in suspension until entire tank is discharged.

✓ **METHAR**

METHAR (75% Disodium Monomethylarsionate) has proven itself highly effective in crabgrass control. Its ease of mixing and low level toxicity merit its addition to the well planned control program. Packed in 25 lb., 50 lb., and 100 lb. containers.

**W. A. CLEARY CORP.**  
NEW BRUNSWICK, N. J.

✓ Charles (Chic) Adams, golf course architect and builder, Sioux City, Ia., now has Jack Welsh, pr. supt., Wakonda G&CC, Des Moines, Ia. for 37 years, as an associate in charge of one of the two Adams construction outfits . . . Welsh is an Old Master in course building and maintenance . . . Adams recently completed the Turf and Surf course at Tarpon Springs, Fla. . . . He is building the new 18-hole Fox Meadows CC at Memphis, Tenn., for Joel A. Montgomery, developer . . . Charley Brown, from Chickasaw CC for 20 years and before that at Colonial CC, is to be Fox Meadows supt. . . . All 18 greens will have Tiffine 328; first in the country to have all greens this strain . . . Adams designed and built the new 9-hole American Legion Frank Lewis Glick Post 46 course at Marshalltown, Ia., which will operate on a semi-private basis.

Golf Writers Assn. of America now has 244 members . . . Delaware (O.) CC reopens course that has been closed since 1935 . . . Nine holes now open with Wayne Byers as pro-supt. . . . John L. Utt, now mgr., Urbana (Ill.) G & CC . . . Reid Ferguson from Beaconsfield GC, Montreal, Can., to mgr. position at Walnut Hills GC, Lansing, Mich. . . . W. H. (Tige) Stanley, formerly supt., Yuma (Ariz.) CC, completing construction of first 9 of DeAnza Desert CC, Borrego Springs, Calif. . . . Stanley was succeeded at Yuma by Preston Childrens, formerly at Encanto, Phoenix, Ariz.



*for a real clean shot*

**LEWIS  
Ball Washer**

Specially treated paint, sealed and protected with a tough coating of weather-resistant plastic. "Magic paddle action" spins ball to clean every part of the surface.

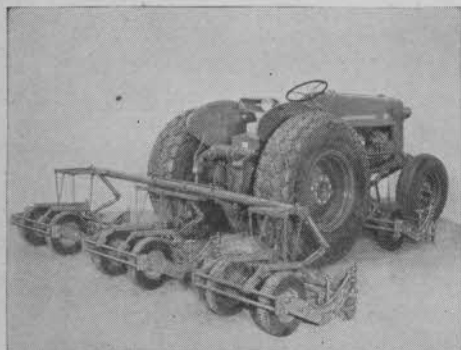


Service for years — with so little maintenance

**CONTAINER DEVELOPMENT CORP.**  
Watertown • Wisconsin



## NEW International® 300 Utility tractor



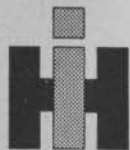
Five-gang reel mower—easily, quickly mounted on the International 300 Utility. Gangs instantly lifted by Hydra-Touch for transport, crossing roadways. Pull 2 pins to convert to 3 gangs.

... Now with

# POWER STEERING

**Steer single-handed**, no kickbacks to the wheel . . . your operators will step up efficiency and daily mowing capacity with integral power steering on the new International 300 Utility. Get the *feel of the wheel*, see why the International 300 Utility is unequalled for all golf course maintenance work!

**Your IH Dealer will demonstrate!** Look in the classified directory, phone for a date. For free specification folder, write International Harvester Company, Dept. G-8, P. O. Box 7333, Chicago 80, Illinois.



SEE YOUR

## INTERNATIONAL HARVESTER DEALER

International Harvester products pay for themselves in use—McCormick Farm Equipment and Farmall Tractors . . . Motor Trucks . . . Crawler and Utility Tractors and Power Units—General Office, Chicago 1, Illinois.

**"AGRICO can't be beat for  
RESULTS!  
ECONOMY!"**



W. L. Alves, Supt. of Lake Forest Country Club, Hudson, O., and the beautifully landscaped clubhouse.

**W.** L. ALVES tells you, "I've been connected with the construction and maintenance of golf courses over 25 years and have used AGRICO COUNTRY CLUB since 1950. For economy and satisfying results, my experience shows that the AGRICO feeding program can't be beat."

*Results* on golf courses everywhere prove that AGRICO is your best fertilizer value in every way. You'll find it pays to start your own AGRICO feeding program right away.

**ORDER AGRICO NOW** . . . and be sure to try AGRINITE, the 100% Natural Organic Fertilizer. See your regular supplier, or write to The AMERICAN AGRICULTURAL CHEMICAL Co., 50 Church St., New York 7, N. Y.

**AGRICO®**

America's Premier Golf Course Fertilizers

**AGRINITE®**

the Better, Natural 100% Organic Fertilizer

Jimmy Roche in his 54th year as pro at Elkridge Club, Baltimore, Md. . . . Paul Gibbs, asst. to YP Vinnie Richards of Dunlop's sports dept., recently conducted regional sales meetings at Chicago and San Francisco . . . Wm. Herman now mgr., Westborough CC (St. Louis dist.) . . . Wallie Moynihan, Miller's High Life golf promotion man has a top field of stars lined up for the Miller \$35,000 Open at Tripoli CC, Milwaukee, Aug. 16-19 . . . Doc Middlecoff won Miller's top money last year.

In the previous nine years of the Palo Club's hole-in-one tournament at Peninsula Golf Fairways, Palo Alto, Calif., 422 shots have been taken on a 125 yd. hole with 16 acres having been scored . . . Ronnie Perrott now pro at Wahconah CC, Dalton, Mass. . . . Jack Kellar signed as pro by Berkshire Hills CC, Pittsfield, Mass., to succeed "Chuck" Wilson who went to Hartford (Conn.) CC.

Annual report of Detroit District Golf Assn. now in book form giving interesting and comprehensive compilation of DDGA member club's membership data, charges, costs and other operating data and, as usual, the report of the very ably conducted committee including the report of the green committee headed by Charles G. Chapman which as usual, is a tremendously informative presentation of methods and costs . . . John W. Foley, jr., 424 Book Bldg., Detroit 26, is sec. of DDGA.

Golf Course Supts. Assn. Pres. Ward Corn-

**FOR  
FALL DELIVERY**

After September 1, 1956

- ◆ ARLINGTON  
C-1 STOLONS
- ◆ CONGRESSIONAL  
C-19 STOLONS
- ◆ COHANSEY  
C-7 STOLONS
- ◆ PENNLU  
STOLONS

**ALBERT LINKOGEL**

30 Years' Experience on  
Turf Maintenance

**LINK'S**

Nursery, Inc.

ROUTE NO. 3, CONWAY RD.  
CREVE COEUR, MO.



**the TOPS in TURF!**

*Robert A. Moore, Vice President,  
Aquatrols Corporation of America,  
discusses important golf course  
applications for Aqua Gro.*

**Localized Dry Spots** become a major problem during these hot dry summer months. I don't know how many size 14 shoes pound your turf from early morning till night, but I do know the increased traffic aggravates your maintenance of these areas. Deep and rapid watering of turf is a continuing maintenance problem. Many times areas are not uniformly watered because of Thatch, Hard Spots, Slopes and Compaction.

Laboratory and field tests have proven beyond doubt that Aqua Gro makes water penetrate up to twice as fast and ten times as deep. Water is no longer shed by matted or thatched areas that have been treated with Aqua Gro. Water quickly soaks into Aqua Gro treated banks and slopes. Water penetrates deeper into hard, compacted areas. By making water "wetter," Aqua Gro gives a uniform distribution of moisture throughout the soil.

Water-logging and over-wetness can often be traced to neighboring Localized Dry Spots. In endeavoring to water these areas, a temporary summer labor force often over-waters the surrounding turf. Treat these Localized Dry Spots with Aqua Gro and make watering quicker, easier, and more uniform.

**Dew eliminated 'round the clock.** (Read independent report, May GOLF-DOM). Aqua Gro adheres to the blade of grass, and reduces the interfacial tension of the dew droplets as they form. The dew droplets can't cling to the blade, but run down the stem into the ground. Aqua Gro saves time . . . labor . . . money . . . pays its own way!

**Easy to apply,** Aqua Gro mixes readily with water for quick, easy application by any spray or sprinkler equipment. Aqua Gro is compatible with all agricultural chemicals, insecticides, fungicides and herbicides.



Superintendents  
Report After Using **AQUA-GRO**

## "Wetter Water Solved Many Turf Problems"

### Effects of Thatch Are Cured

Areas suffering from the effects of thatch are cured by one full treatment of Aqua-Gro. Subsequent waterings percolate freely through the thatched areas. Wet without waterlogging. Aqua-Gro is economical, one application costs approximately 75¢ per 1000 square feet.

### Effects of Hard Spots Eliminated

The effects of hard spots on greens are eliminated. Treated water penetrates quickly and deeply into the soil. Uniform water penetration in soils reduces tendency to overwet areas next to hard spots.

### Dew Eliminated

Periodic application of Aqua-Gro to greens prevents formation of dew 'round the clock. Fungus growth is discouraged. Costs approximately 20¢ per 1000 square feet. A considerable savings over other methods of dew removal.

### Deeper Water Penetration

Plugs of earth from compacted, hard-to-wet areas prove water penetrates up to 600% greater depth if areas are treated with Aqua-Gro. More even distribution of water in the soil results in less frequent watering and better control of turf.

**AQUA-GRO** COMMERCIAL  
CONCENTRATE

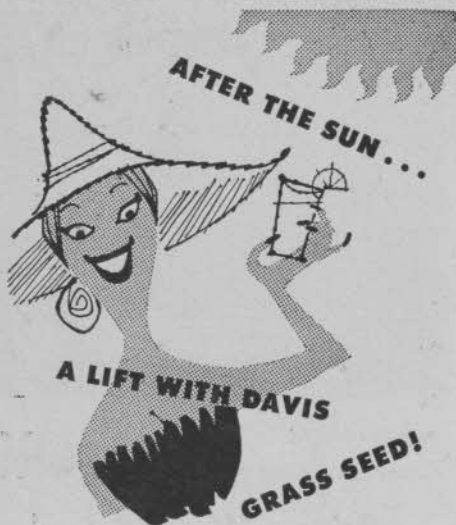
5-Gallon Pail **\$60.00** Freight  
Treats 86,000 Sq. Ft. Prepaid

Send for Report X-200 giving research data  
on use of Aqua-Gro

**Aquatrols Corporation of America**

730 Lancaster Avenue

Bryn Mawr, Pennsylvania



Davis grass seed will give your greens, tees and fairways that needed lift after a hot scorching summer sun.

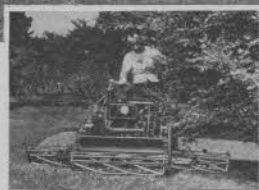
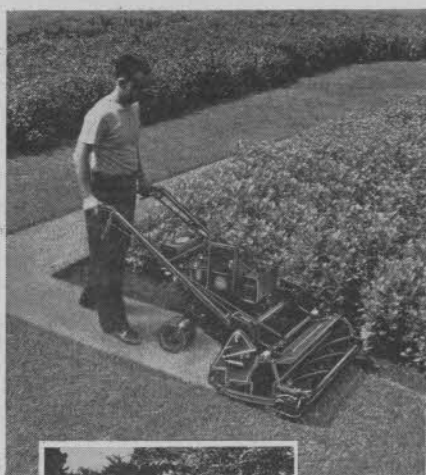
Let us take care of your fall seeding requirements.

**GEORGE A. DAVIS, Inc.**

5440 NORTHWEST HIGHWAY, CHICAGO 30, ILLINOIS

well advises that the national organization's directors have ordered a modernization of its publicity policy to make use of publicity means available for advancing individual and collective interests of supts. and golf course maintenance in general . . . Sectional associations of supts. have set a high standard of press cooperation and information . . . Technical information service such as that of the Midwest Turf Foundation proceedings previously mentioned, the excellent reference job presented in the proceedings of the 10th Annual Oklahoma Turfgrass Assn. and other turf conference proceedings collected and published by West Point Products Corp., constitute an exhibit showing the regional turf organizations comparing favorably with scientific business and engineering associations in other fields. . . . Long Island PGA 1955 Record Book is a job of which Pres. Al Ciuci and members can be proud . . . It's expertly edited by John Brennan and has attractive cover drawn by Al Liederman.

In our opinion Joe Dey, USGA Executive Director, came up with one of the soundest, simplest, most economical golf architectural ideas when he suggested that Knollwood Club, Lake Forest, Ill., revise mowing outlines of greens as well as of fairways in preparing for this year's National Amateur . . . Knollwood, designed by Colt and Alison, in the '20s, has huge greens that generally have circular outlines regardless of shape and location of bunkers guarding greens . . . Having the putting surfaces mowed so the longer



Cutting around overhanging shrubbery is easy with Riding Sulky attached.

**Compare!**

Arrange for a FREE demonstration today. See how a LOCKE does it better in half-the-time!

## Cut and Trim . . . faster, cleaner, more economically

Ease of handling and flexibility, coupled with narrow overall width, practically eliminates hand trimming. Locke does a complete job in *one operation* without streaks or rolled down uncut grass. It's the answer to cutting out mowing problems and cutting down labor costs and physical exertion.

### America's Most Wanted Power Mowers!

- Overhangs raised borders  $\frac{1}{2}$  their width
- Turns at any angle, without raising cutters
- Controls conveniently placed
- Model 70-75 available with reverse gear transmission
- Powerful, quiet B & S engine

### Choice of 4 Basic Sizes:

SINGLE—25" or 30"      TRIPLEX—70" or 75"

Add sulky, in a minute, whenever desired.

Send for literature and name of nearest LOCKE Dealer.



Since 1928

**POWER LAWN MOWERS**

Handle Easily . . . Save Time — Money — Energy

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- PENNLU
- WASHINGTON
- COHANSEY (C7)
- ARLINGTON (C1)
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## BENT GRASS

*A Reliable Source  
of Supply Since 1920*

Our stolons are true to name, weed and seed head free and in vigorous growing condition. As a proof that we know how to keep our strains pure, our present Washington exactly matches that we sold in the 1920's.

## Finest Silver Crab Killer Available

# NOTT'S® ARTOX "special"

If silver crab is still a problem on your greens, then you haven't heard the latest news. Because Nott, with many years experience in formulating crab grass and broadleaf weed killers, has now successfully combined "Di Sodium Monomethyl Arsonate" (SODAR\*) with 2, 4-D... a specific for silver crab and ideal for chickweed, plantain, dandelion, smooth and hairy crab grass.

ARTOX "SPECIAL" comes in convenient, professional concentrate powder form. Mixes easily with water and can be applied with regular spray gun.

Try ARTOX "SPECIAL" at our expense. You and the Greens Committee will be amazed with the results.

For Free sample attach coupon below to your *club letterhead* and mail.

ARTOX and other NOTT Products available through your Horticultural Supply House.

\*Trade Mark pending, permission granted by applicant

## NOTT MANUFACTURING CO., INC.

Mount Vernon, N. Y.



NOTT'S ARTOX is also available—powder or liquid, in the "Standard" formulation, specific for smooth and hairy crab grass only.

**FREE!** Send me free sample and further information on Artox

Name \_\_\_\_\_

Club \_\_\_\_\_

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**with PUNCH-LOK  
Hose Clamps**

*it's easy to be sure  
of your hose—  
and save money too!*

**NO LEAK**

**NO SNAG**

**"Smoothest"  
job on the course**

Write for descriptive literature and name of nearest jobber.



Dept. R, 321 N. Justine St., Chicago 7, Ill.

grass of the aprons and the still longer grass of the borders of the greens will provide interesting and legitimate tests of golf tactical and shotmaking capacity . . . the green shapes will be far less rigidly geometric than previously . . . Good architecture will be provided without expense of construction . . . Probably the original mowing lines of the greens were far different than the green outlines today . . . Same change, weakening the value of originally fine architecture, has occurred at many other courses simply because the circular mowing outline is more nearly foolproof in maintenance.

Lawrence (Ks.) CC remodelling clubhouse . . . To build new pro shop . . . Wilbur Norton in his first year as Lawrence pro . . . E. W. (Bud) Snively is supt. of the club's course which is noted for uniformly fine condition . . . One acre practice green at National Cash Register courses, Dayton, O., is said to be world's largest putting green . . . Do you know of a larger one?

Paul Hahn, trick shot star, in syndicate bringing in heavy oil production in Illinois . . . Western Golf Assn. 39th Junior championship — oldest of the junior championships — will have 36 holes qualifying this year instead of 18 as previously . . . Tournament will be at University of Michigan course, Ann Arbor, Aug. 21-25.

*(Continued on page 52)*

**GOLFERS LIKE  
THE NEW**



**You'll like it too because:**

- made of cast aluminum, vinyl-coated, inside and out.
- rugged, built to last, easy to take apart and clean.
- completely closed when not in use.
- rubber-backed nylon bristle brush is encased in vinyl-coated steel.
- overflow pipe prevents damage from freezing.

**MODEST COST—LONG LIFE!**

**PROGRESS FOUNDRIES, INC.**  
Aluminum—Brass—Bronze Castings  
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**GOLF  
BALL  
WASHER**

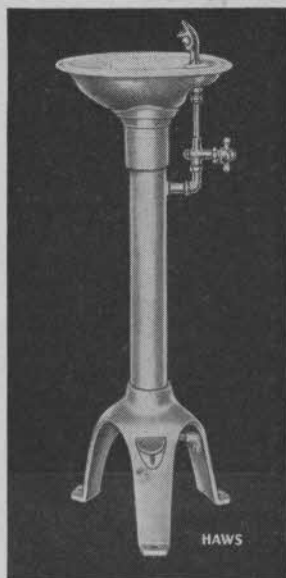
*Brush warranted 2 years*

**EASY TO INSTALL**  
Just insert into 2-inch pipe; lock into place with tamper-proof set screws.



**SPECIFY** ***HAWS***  
**DRINKING FOUNTAINS**  
**...FOR RUGGED SERVICE**

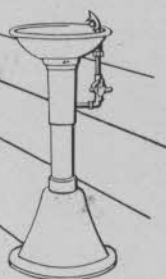
**HAWS DRINKING FOUNTAINS** contain outstanding features that make them ideal for parks, golf courses, playgrounds, and other outdoor areas—rugged fountains that are durable, sanitary and attractive. They're specifically designed to withstand abuse and constant exposure to weather, and to assure long and trouble-free service.



**MODEL No. 12BM2.** Attractive, lifetime, cast iron bowl... white enameled inside... and mounted on sturdy 2" galvanized iron pedestal.



**HAWS FOUNTAINS ARE SANITARY...** with anti-squirt angle-stream fountain heads of chrome-plated brass—raised and shielded to prevent direct mouth contact with orifice. Heads are mounted with vandal-proof flanges to prevent fixtures from being turned. HAWS automatic stream control efficiently regulates water pressure and volume.



**HAWS Model No. 12BR2**

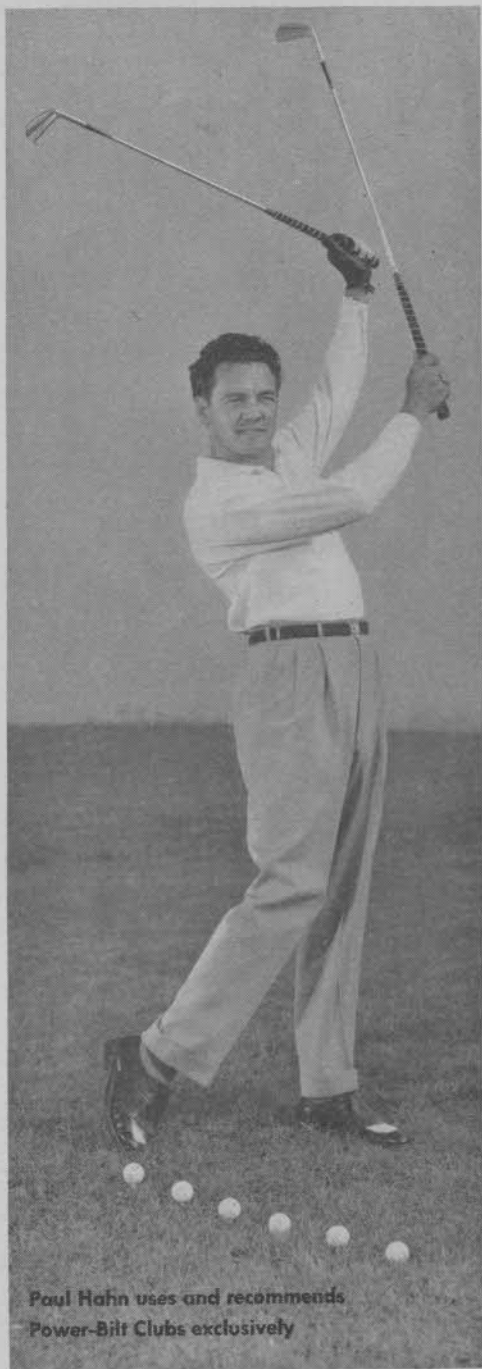
**There's a HAWS FOUNTAIN for every requirement, indoors and out, listed in the new HAWS catalog. Write for your free copy today!**

***HAWS***

**DRINKING FAUCET CO.**

FOURTH and PAGE STREETS (Since 1909) BERKELEY 10, CALIFORNIA

☆ In addition to the complete line of drinking water facilities, HAWS also features **KRAMER Flush Valves** for any make of plumbing fixture.



Paul Hahn uses and recommends  
Power-Bilt Clubs exclusively



# Paul Hahn

Master of the trick shot  
and golf clinic specialist

**Will intrigue  
and inspire  
your members!**

Paul Hahn "The Wizard of Clubs" has a bag of tricks unlike any you've ever seen . . . and a golf clinic routine that puts the spotlight on common errors and their correction. Each year more than 200 audiences at clubs and tournaments here and abroad are spellbound by Paul's great golfing exhibition. Make arrangements to bring this PGA member and his lively demonstrations to your members soon!

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