

# Fastest Growing Line OF **TURF CHEMICALS**



## Through Research

in our laboratories and extensive trials on the broad reaches of "Clearacres," where we grow fine turf sod and maintain a 9 hole course as well as pitch and putt and practice greens, we are constantly adding to both our knowledge and the Cleary line of control chemicals. Ask your supplier or write us for complete literature.

## PMAS

the proven herbicide-fungicide for sure control of Crabgrass, Copper Spot, Dollar Spot, Brown Patch, Snow Mold, Helminthosporium-Curvularia.

## SPOTRETE

75% Thiram—for fast economical control of Brown Patch, Dollar Spot, Snow Mold. (Mix with PMAS for complete disease and crabgrass control)

## THIMER

Broad spectrum fungicide containing Thiram and Organic Mercury. A wettable powder for the control of Copper Spot, Dollar Spot, Large Brown Patch, Snow Mold, Helminthosporium-Curvularia and Crabgrass.

## CAD-TRETE

Broad spectrum fungicide containing Cadmium and Thiram. A wettable powder for the control of Snow Mold, Dollar Spot, Copper Spot and other turf diseases.

## "ALL-WET"

Non-toxic organic wetting agent. Makes water wetter for penetration of compacted turf; prevents dew formation. Saves water, saves time.

## METHAR (DSMA)

Disodium Methylarsonate. For control of Dallis Grass and Crabgrass. Highest concentration; liquid or powder.

## SUPER METHAR

(AMA) Amine Methyl Arsonate. A liquid for the control of Dallis Grass and Crabgrass. Highest concentration; liquid.

## CADDY

Liquid Cadmium Fungicide. Safe, modern, economical control of Turf Diseases.

## C-531

Cadmium zinc copper calcium chromate fungicide for the control of Dollar Spot, Copper Spot, Brown Patch. Applied as spray or dry-mixed with sand or top dressing.

## PM2,4-D

A liquid combination of Phenyl Mercury and 2,4-D for the control of Silver Crabgrass (Goosegrass), Crabgrass, Dandelion, narrow and broad leaf Plantain, Knotweed, Chickweed, etc.

# W. A. CLEARY CORPORATION

NEW BRUNSWICK, NEW JERSEY

BELLEVILLE, ONT., CANADA

CHICAGO, ILLINOIS

## SPEED REGULATOR



### Gives Coverage Control of Each Sprinkler

Buckner's exclusive Speed Regulator controls water distribution rate in 90° segments of circle for best effective fairway coverage pattern with no overwatering.

You get more water where sprinklers do not overlap, less where they do. An excellent single line sprinkler with **BUCKNER'S** Quick Coupler and One-Piece Quick Coupling Valve.



**MFG. CO., INC.**

P. O. Box 232, Fresno, California

pro . . . Mike Roth, 22-year old captain of last year's NYU team, has succeeded Renzetti . . . Gus Pulos has been named golf director at Green Farms golf center, now being built in Westport, Conn. . . . He has been a pro for 14 years.

Joe Gillardi starting 13th year as supt. at Rockrimmon CC, Stamford, Conn. . . . Joe is a very capable turfman who thinks his greatest reward came last fall when the Metropolitan PGA gave him a plaque in recognition of the wonderful shape Rockrimmon was in for the important pro-president tournament . . . Louise Suggs led Ladies PGA with winter tour scoring average of 74.70 . . . Mickey Wright was second with 75 and Betsy Rawls third with 75.07 . . . The same trio led the money winners with Betsy's \$4,679, tops.

Don White, Rutgers University golf coach, giving series of clinics for members of Women's Golf Group at the University . . . About 50 women are in the organization . . . In its excellent booklet, just published, Western Golf Assn., points out that 1958 was its greatest year . . . Some of the reasons: Caddie scholarship income hit new high of \$276,000 . . . Evans Scholars enrollment in colleges was up to 373 ex-caddies in 23 schools . . . Seventh

# 15

## ACCEPTED AS THE FINEST GREENS ITEMS



**PAR AIDE  
FLAG SWIVEL**  
Molded of tough  
nylon material and  
cadmium plated wire.



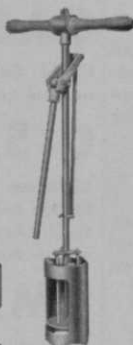
**FERRULE**  
Anodized aluminum.  
Will not corrode.

### FLAGPOLES

Fiberglass or Aluminum



**PAR AIDE  
PRACTICE GREEN  
MARKER AND  
PLASTIC CUP**



**PAR AIDE  
TURF MENDER**



**PAR AIDE  
PUTTING CUP**



**PAR AIDE  
CUP SETTER**

15" or 26"

### PAR AIDE SAND RAKE

Rakes are constructed of strong aluminum alloy that will not rust or rot.



WRITE FOR CATALOG

## PAR AIDE PRODUCTS COMPANY

DEPT. G, 1457 MARSHALL AVENUE, ST. PAUL 4, MINNESOTA

**SOUTHERN  
COURSES**

***new!***

# TAT-42

***The best friend Bermuda and Zoysia turf ever had!***

***Kills Weed Seeds as they germinate—Can't harm turf***

Destroy germinating seeds of weedy grasses and broadleaf weeds for up to 3 months or more with a single application of TAT-42. Especially created for Bermuda and Zoysia turf, this amazing formulation kills crowfoot (silver crab), crabgrass, spurge, pursley, dallis grass and many others. Lets your turf get full benefit of feeding without weed competition.

**Use TAT-42 when:**

- Planting new areas or after stripping sod nursery.
- Top dressing.
- Turf is thinned by insect or fungus damage.
- Controlling emerged weeds. Prevents new emergence of late germinating weeds.

TAT-42 kills emerged Poa annua in days! Speeds elimination of over-seeded rye grass.

**Distributed by:** Choctaw, Inc., Memphis; Toro Turf & Supply, Atlanta; Hector Supply, Miami; J. Miller Co., Arlington, Tex.; Goldthwaite's Texas Toro; Zaun Equipment Co., Jacksonville; Kilgore-Robinson Co., Birmingham; Tennessee Turf & Toro, Knoxville, and others.

**ALL COURSES**

To control emerged crabgrass, dallis grass, sedge, lemon grass, etc., use one of these DI-MET formulations: DI-MET Liquid, DI-MET Special with AMA, or DI-MET

Concentrated Powder.

To kill these weedy grasses plus most broadleaf weeds, use DI-MET Plus 2 (now available in liquid or powder).

Note: Do not use on Bent Putting Greens.

**NORTHERN  
COURSES**

## New DI-MET Program

***Kills emerged Crabgrass and Seeds in the soil for years!***

- Destroy growing crabgrass with a DI-MET Post-emergence formulation.
- Use DI-MET P.C.C. (a granular tricalcium arsonate) to kill crabgrass seeds as they germinate.

Even after emerged crabgrass has been killed, millions of seeds remain in the soil. A true Pre-emergence, DI-MET P.C.C. prevents them from sprouting this year or in future years. May be applied in any season. After the initial application, you'll need only a "booster shot" of 3-4 lbs. per 1000

sq. ft. annually to keep turf virtually free of crabgrass for years and years.

DI-MET P.C.C. also inhibits growth of Poa annua when applied during its growing season. Kills emerged chickweed, Japanese Beetle and White Grubs, earthworms.

**See your distributor or write us for full information.**

**O. E. LINCK CO., Inc. Clifton, N. J.**



## DAVIS WEED KILLERS

Weed problems are varied and complex. There are specific chemicals for different weeds. We have the materials, also the experience to help you. Write us for information, prices and recommendations.

*George A. Davis Inc.*

5440 Northwest Highway, Chicago 30, Illinois

Evans chapter house was established, this one at the University of Minnesota.

Central Plains turf field day to be held June 8 in Swope Park, Kansas City . . . Joe DeCosta, a Hamilton resident, wins 29th Bermuda Amateur championship in April . . . Paul Bunyan Maine Open, offering \$5,000 in prizes, to be played at Penobscot Valley CC, near Bangor, Aug. 20-23 . . . Desi Arnaz is latest on sponsors' list for Golden Gate Open, to be played at Harding Park, San Francisco, Sept. 21-27.

One of the newest club publications is "The Sandtrap," for members of the Marin GC, Novato, Calif. . . . It is very nicely handled with center spread in color . . . University of Buffalo has bought 241-acre tract in Amherst, N. Y. that includes Audubon GC, an 18-hole course . . . Total price was \$542,000 . . . University also wants to buy another tract, that includes a course, for expansion purposes . . . Audubon will continue to be operated as a golf course . . . Masters' purse this year was increased from \$60,000 to \$76,000 over 1958 on strength of bigger gate receipts.

Bill Stuppel, editor of the Midwest GCSA "Bull Sheet" has resigned after 10

## TURF that Speaks for Itself!

### Snyder-Stodola Teamwork Produces Exceptional Turf at Paradise Valley

Perennially young Art Snyder, Superintendent at Paradise Valley and his assistant Harold Stodola are proving that sound maintenance practices work as well in the hot desert regions of Phoenix as they do in Pittsburgh or St. Paul.

Art was formerly at Longue Vue Country Club while Harold got his start at the Keller Golf Course. Both retired to "follow the sun" and landed at the beautiful Paradise Valley Country Club. Incidentally, the humorous pose doesn't do justice to the fine golfing prowess of either Harold or Art.

Longtime believers in MILORGANITE, and carload users at their former clubs, they find it produces exceptional turf under hot desert conditions also. Paradise Valley MILORGANIZES its greens in the spring, summer, fall and winter.

If you have a turf problem, consult: Turf Service Bureau

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



GOLF CLUBS  
USE MORE

**MILORGANITE**

THAN ANY  
OTHER FERTILIZER

# Down the MIDDLE or in the ROUGH...



## the going's easy with low-cost **JOHN DEERE MOWER UNITS**

**D**oesn't matter whether it's a par three hole or a rugged ravine by the picnic grounds—the dependable John Deere tractor with gang mowers and cutter bar takes on every mowing and maintenance job with the same cost-cutting efficiency and handling ease.

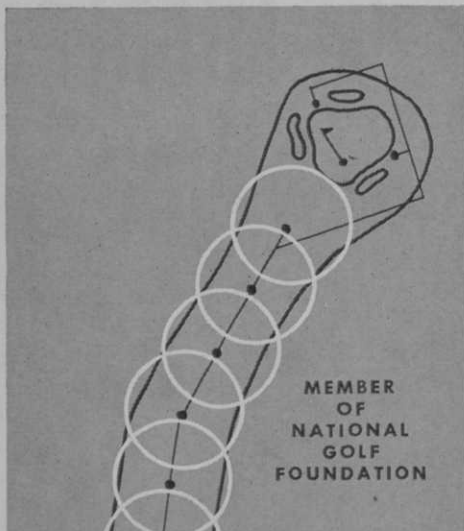
Ground-hugging balance, high maneuverability, and quality throughout have made John Deere mower units favorites on the fairways for many seasons.

For a low-cost unit outfitted the way

you want it, see your John Deere industrial dealer. Or write for specifications, addressing Dept. 526.



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**FREE Engineering Help  
to install a Low-Cost,  
Permanent**

## **CresLINE<sup>®</sup>**

**PLASTIC PIPE  
Watering System**

Simply send us a scale drawing of the course to be watered, including elevations, water source, obstructions, etc. and our Golf Course Technical Planning Department will be glad to make engineering suggestions and figure costs. There's no obligation. We feel confident enough in our product to guarantee in writing that every foot of Cresline Plastic Pipe will perform as specified. We simply want the opportunity to prove to you that Cresline is better.

PIONEER  
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GOLF COURSE TECHNICAL PLANNING DEPT. G-9  
CRESCENT PLASTICS, INC.  
EVANSVILLE, INDIANA

- ☐ Please make engineering suggestions and figure costs on attached plan.  
☐ Send more data on Cresline Pipe.

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years of infinitive splitting . . . Bill put the once non-profit publication on a paying basis and the organization gave him a "Ferdinand" for his efforts . . . No successor has been named . . . Ted Woerhle moves from Point o' Woods CC, Benton Harbor, Mich. to Beverly CC, Chicago, as supt. . . . Ted served his apprenticeship at Beverly under Bob Williams, who is now at Bob-o-Link CC, also in Chicago . . . Woerhle's successor at Point o' Woods is Norm Kramer, formerly supt. at Silver Lake GC, Chicago, scene of last year's Publinx tournament.

Prize money for the 7th Women's Open, to be played at Churchill Valley CC, Pittsburgh, June 25-27, is \$7,200, 25 per cent of which goes to the winner . . . Entry apps must be received by the USGA by June 11th . . . Bill has been introduced in the Illinois house to reduce caddie age limit from 14 to 13 . . . Hiram A. Lewis, Kansas City, secy. of Western Golf Assn., 1951-54, died recently . . . The death of Charles J. Kelley of Minneapolis, a WGA director in 1946-47, also was reported in recent weeks.

Pine Ridge, the fine new Baltimore municipal course, was opened officially on Apr. 3rd . . . Armour (Scott) Brown

**NEW DBA Aero-San**

**POWDER SPRAY  
Shoe Deodorizer  
and Sanitizer**

**KEEP IT HANDY IN THE  
LOCKER ROOM FOR  
BETTER GOLF SHOE CARE**

AERO-SAN does 3 jobs . . . it quickly disinfects, deodorizes and cools all types of shoes, providing soothing, cooling comfort to tired aching feet. It contains Hexachlorophene and Dichlorophene, proven bacteria-killers and deodorants. Use the large 16 oz. spray can in the locker room and sell the handy 6 oz. personal size. Golfers will like carrying AERO-SAN in their golf bag to use while on the course for extra foot comfort.

Also use  
**LIQUID LUSTRE  
GOLF BALL  
WASH**  
in your  
ball washers.  
Another fine  
DBA Product.

Order from your dealer or write direct for information and prices.



**DBA PRODUCTS CO., INC.**  
DEERFIELD, ILLINOIS



Shift to any speed on-the-go with

# NEW FORD SELECT-O-SPEED

**Greatest tractor  
advantage  
since hydraulics!**

**10 speeds forward; 2 reverse!**

Now, with Ford industrial tractors, with Select-O-Speed transmission you can shift to *any* speed under full load and on-the-go! A touch on the Select-O-Speed lever is all you need to select instantly the right gear to meet changing operating conditions. There's no clutching required to start, stop, change gears, or to engage or disengage PTO. There's no conventional gear shift. You merely move the selector for the desired speed. Hydraulic power does the work of shifting.

New Ford Select-O-Speed will save you time, save you fuel, save you effort. And because you can instantly shift up or down according to varying job conditions—on-the-go and without loss of power or momentum—you'll handle bigger jobs faster. Select-O-Speed transmission is available for all series of Ford tractors...



## Eliminate four or five clutch

and gear shift movements every time you move from pile to truck to pile. A touch moves the selector lever to pre-selected stops for easy back-and-forth shifting. Down-shift on-the-go as you buck into pile. Break out heaped payloads every time!



## Down-shift in a wink

without loss of forward motion when you hit tough spots. As the load eases, shift up again for more speed, better fuel economy. Pull high spots into low ones with quick shuttle-type passes. Use Ford's low, low speeds for more "push" when needed, and for smooth, uniform finish work.

**AND ONLY FORD HAS IT!**

Get full details on new Ford Select-O-Speed Tractors from your nearby Ford Tractor and Equipment Dealer today, or write to Industrial Sales Dept., Tractor and Implement Division, Ford Motor Company, Birmingham, Michigan.

**YOU SEE MORE  
FORDS  
BECAUSE THEY SAVE  
MORE MONEY!**

# For LONG-TERM CONTROL



Check your  
**Dolge** supply list

Weed killers  
Insecticides  
Mole and gopher killers  
Golf ball cleaners

## Rid Turf of Insects

### SOLEXTO

For turf use—Kills Japanese beetles, chinchbugs and other insects. Dilute in up to 400 parts of water.

## Eradicate Weeds on Parking Lots, Roads

### S.S. WEED KILLER

Soil Sterilant—Speedy killer of all types of weeds. Keeps parking lots, drives, walks, gutters clear. Spray or sprinkle. Dilute in up to 40 parts of water.

## Free Turf of Dandelions, Plantain

### E.W.T. (2,4-D) WEED KILLER

Selective—Attacks weeds only. Rids turf of undesirable growth without injuring good grass. Non-poisonous. One gallon to 3 acres. Dilute in up to 400 parts of water and spray.

## Exterminate moles and gophers

### NOMOLE

Chemically treated grain. Exterminates moles, gophers, prairie dogs, field mice and other pests. Place in holes or nesting areas.

## Clean Golf Balls Thoroughly

### DOLCO PINE CLEANER

Safe in any machine; has pine aroma; efficient and agreeable.

For literature on above products write to  
The C. B. Dolge Company, Westport, Conn.



TRADE MARK

named mgr. of Tulsa's Sporthaven, golf recreation center of Holiday Inn . . . Brown, a native of Aberdeen, Scotland, has served as a pro in the U.S. for 35 years . . . Mirrors have been installed at some of the Sporthaven tees for golfers who want to study their swings . . . Northeast Wisconsin Golf Assn. to hold annual meeting and club operation clinic at Sheboygan CC, May 11 . . . The Assn. is sponsoring four tournaments in 1959.

Albany, Minn., building munny course . . . Hermitage CC, Richmond, Va., expects to have its new Ethelwood course officially opened Labor Day . . . Hermitage pro Jim Reynolds adds Jerry T. Port to the pro staff . . . Emory Stafford also is associate pro at Hermitage . . . Lac La Belle CC clubhouse at Oconomowoc, Ws., to be completed by July.

Cedar Hills 9-hole, par 32 course owned and built by Harold W. Glissmann, opened in Omaha . . . David Heiss, formerly asst. supt., Flint (Mich.) CC, now supt., Flushing Valley G&CC, Flushing, Mich., and is restoring to playable condition as a private club a course that has been out of play for some years . . . Warsaw, Ind., Lakeland Golfers' Assn. gets 200 acres and is talking with Wm. Diddel about plans for a course.



## BENT GRASS STOLONS

- Washington • Cohansey (C7)
- Congressional (C19)
- Arlington • Pennlu

Our stolons are true to name, weed and seed 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.

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 MAJOR  
 TURF  
 DISEASES  
 WITH  
 ONE  
 FUNGICIDE...

BROAD - SPECTRUM

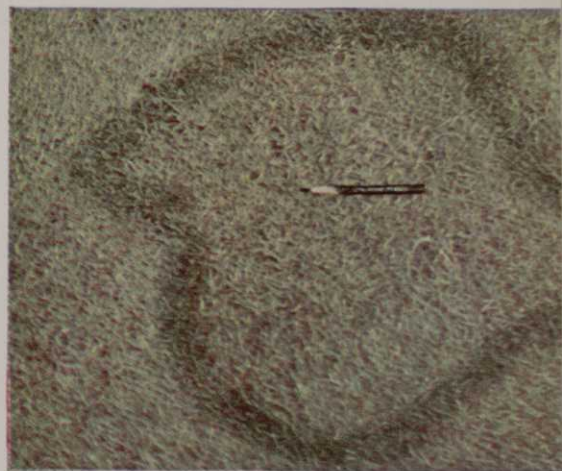
**KROMAD<sup>®</sup>**



ORDER FROM YOUR  
 MALLINCKRODT  
 DISTRIBUTOR



COPPER SPOT



BROWN PATCH

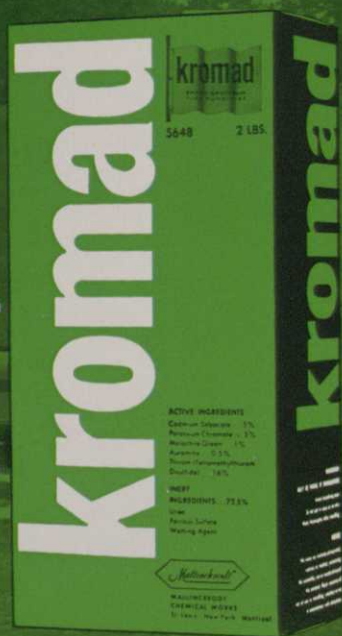


DOLLAR SPOT

LEAF BLIGHT (HELMINTHOSPORIUM) ▲ ▼ RED THREAD



proved  
over  
**3**  
years



ON  
THOUSANDS  
OF  
GOLF  
COURSES

#### ORDER YOUR KROMAD NOW!

Experienced superintendents who used other non-mercurial fungicides for years now use KROMAD... for complete disease prevention.

KROMAD is the original broad-spectrum fungicide... a balanced formulation of ingredients to stop brown patch, dollar spot, copper spot, red thread and leaf blights such as those incited by *Helminthosporium* and *Curvularia*.

#### EFFECTIVE—ECONOMICAL—SAFE

KROMAD is available in 25-pound drums and handy 2-pound boxes. It's entirely safe—may be applied at many times recommended

minimum rate. And KROMAD eliminates buying, stocking, applying several different fungicides. No need to worry about identifying diseases or applying the wrong fungicide... because KROMAD is right for all five major diseases!

#### STOP DISEASE NOW!

Take the big step to effective turf disease control. Use KROMAD and save money, time, labor—and save your greens!

#### SPRAY APRONS, TOO...

It makes good sense to keep disease **away** from your greens.

*Mallinckrodt*®

#### MALLINCKRODT CHEMICAL WORKS

Mallinckrodt St., St. Louis 7, Mo. • 72 Gold St., New York 8, N.Y.  
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Oakland Development Co., Inc., formed at Council Bluffs, Ia., to buy and complete unfinished golf course from estate of late Frank Eckels . . . Windsor, Conn., to get new 9-hole course owned and built by Misky brothers to plans of Everett J. Pyle . . . Clinton, Ia., considering building 18-hole munny course . . . Overton (Tex.) C of C Pres. L. W. Hutchison says city will have 9-hole course within year.

Wayne Jerome named supt., Crest CC, Centerville, Va., and is supervising construction of the club's 18-hole course . . . Joe S. Finger, San Antonio architect, designs 9-hole course for Amarillo (Tex.) Air Force base . . . Gordon Brunton, pro and lessor of Riverside, Calif., Springbrook CC 9-hole course, is adding another 9 . . . Brunton recently signed new 25-year lease . . . Another course in Riverside area to be that of Cinderella Estates, Inc., to plans of Bill Bell.

Oroville, Wash., finally gets land from U.S. Dept. of Interior on which to build course . . . Caldwell, Ida., to have 18-hole course on city-owned farm . . . New course to be financed by revenue from present munny course . . . Jackson, Miss., to build additional 9 at munny course . . . Niagara County Parks Dept. pushing construction of new course near Lockport.

H. D. CAMPBELL CO. (Est. 1928) Farm Products Div., 233 Campbell Bldg., Rochelle, Ill.

FORMULATIONS

LIQUID

**AGRO-GREEN**  
=  
**AGRO-GREEN**

**CUT COSTS**  
**FERTILIZE EASIER,**  
**FASTER WITH**  
**CAMPBELL'S**

Now . . . lawns, flowers, shrubbery, fairways, golf greens can be greener, healthier, harder all summer with regular applications of Campbell's AGRO-GREEN. Goes to work instantly . . . feeds the plant not the soil. Easy to apply with any conventional sprayer. Saves work, time, and money on maintenance. A little does so much. Apply weed killers, insecticides, fertilizer all in one operation. In 5, 20, and 55 gal. containers.

Write For Price List and Free Samples For Testing.



H. D. CAMPBELL CO.

Keep 'em rolling with

**AutoMAC**

**fully automatic power battery charger**

Reduce downtime . . . keep electric golf cars rolling with AutoMAC. No guessing . . . the AutoMAC is fully automatic. Just plug it in, turn it on, and forget it. When the battery is fully charged, the AutoMAC turns itself off! Saves power consumption and prolongs battery life . . . maintains original battery capacity.

Full details and prices on the entire line of MAC battery chargers are yours free. Simply call or write requesting Bulletin No. 101A9.



**Built to resist fungus and moisture!**

**Motor Appliance Corporation**

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# PHILLIPS

## CAM LOCK



The world's finest and best known.  
Will not turn or break apart.  
PRO'S CHOICE

**F. C. PHILLIPS, INC.**

STOUGHTON, MASS.

Expect to complete La Quinta hotel course, designed by Lawrence Hughes, in time for winter play in the Palm Springs area . . . Begin building Hawthorn Hills course in suburban Indianapolis as feature of real estate development . . . Course designed by W. Diddel, 74-year-old senior amateur star, who was said to have retired from his golf architectural practice several years ago but now is almost as busy as he was in the boom of the '20s.

Talk about model real estate development for "senior citizens" near Freehold, N.J., the project to include a 9-hole course . . . Alpine CC, American Forks, Ut., begins building its 18-hole course . . . Forest Hills GC, Forest Lake, Minn., to open course in late summer . . . Golf course-real estate development by Edward Rogin and associates tentatively planned for construction near Newington, Conn.

Rockville, Ind. golfers planning construction of course . . . J. L. Mann to build 9-hole course near Florence, Ore. . . Vandenberg Village, to be built near Vandenberg Air Force Base in Santa Barbara, Calif., area, to have golf course in 2,000 acre residential site.

Des Sullivan and Len Elliott of Newark

HERE'S THE  
*Lewis Line*  
FOR **59!**



### "REGULATION" FLEXIBLE FIBERGLASS FLAGPOLES

AVAILABLE IN 5', 7' and 8' LENGTHS

Lewis Flagpoles always remain straight, won't rust, rot, kink, and are unaffected by weather. These featherlight poles are permanently molded in white and striped with an indestructible red or black epoxy plastic.

\*at your distributor or f.o.b. Watertown, Wis. Packaged 9 per carton only.

only  
**\$3.84\***  
each  
7' length

### "REGULATION" BALL WASHER and TEE ENSEMBLE

Now, With Long-Wearing Nylon Brushes  
(Interchangeable in all new style washers)

Pro and duffer alike appreciate the really clean balls washed with the Lewis Washer. Tamper-proof, weather resistant, durable, low cost.

For a well-dressed course, see the complete ensemble which includes: washer and data plate with interchangeable numbers, waste container, and tee towel . . . all mounted on a sturdy tee stake.



**CONTAINER DEVELOPMENT CORP.**

- 415 Monroe Street
- Watertown, Wisconsin
-