

New and practical idea in tournament program was "digest" size of PGA championship with 5¼ by 7 in. page. . . Makes it easier to carry and reduces production costs. . . Length of drives in contest at PGA championship and measured by golf architect Robert Trent Jones at National Open don't show any need for USGA worrying about golf ball length having increased. . . Ed Sochacki, formerly pro at Navy's Pearl Harbor course, succeeds Harry Cooper as Oahu CC pro.

Dorothy Anne, daughter of Mr. and Mrs. George S. May, married to Timothy John Canty, Jr., at First Presbyterian Church, Evanston, Ill., June 10. . . Reception followed at Tam O'Shanter clubhouse. . . Helen (Mrs. Louis) Lengfeld trying to get California Golfer magazine started to use profits for conducting golf programs at vet hospitals with American Women's Voluntary Service conducting the programs.

Antonio Correa, pres. Mexican GA, visitor to USGA National Open. . . Sr. Correa was guided around and introduced by Jerry Bowes, Western GA official. . . Johnny McMurray, amateur, won Panama Open for 3rd time, with 288 this year at Panama CC. . . Ralph Frank of Ft. Davis with 296 was third and the leading pro. . . National Brewery put up \$1,150 for the

## Chiggers Drive Golfers Nuts!



**Keeps 'Em Off!**

Also Repels Mosquitoes, Flies, Ticks, etc. Here's an opportunity to do a good turn for Club Members—and make some extra money for yourself. You can *recommend* PELLENT to keep chiggers and other "bugs" away. One application lasts 6 to 10 hours. Just rub on skin and clothes. Won't damage nylons. Not sticky, greasy or irritating to skin. PELLENT also *stops itching of mosquito and chigger bites INSTANTLY.*

**Stops  
ITCHING  
If They  
Bite First!**

## SELL PELLENT!

**Every Golfer a Prospect**

This nationally advertised repellent is sold in tubes—easy to use and carry. Sells for only 60c with a \$3.00 profit per dozen for you. Order a dozen tubes today (1 free with 12). Send check today for \$4.80. *Cash in on the Chigger Season!*

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TUBE  
60c**

**ANDY LOTSHAW CO.**

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## Pros., Managers...Here's a Fast Profit Item!

### "SPORTS-CLOTH"

**A HANDY, HAND TOWEL  
EVERY GOLFER NEEDS**

SNAPS ON BAG OR BELT



- Keeps Hands, Clubs, Ball Dry and Clean
- Always On Hand—Ready for use
- Sells and Resells—Fast!
- Attractively Packaged In Cello-Wrapped Threesome

Retail Price ..... 3 for \$1.00  
**YOUR PROFIT... \$1.75 on 4 Packs**

### TEE TOWELS—Also Available

Full 18" x 20" size hemmed for extra strength and with large grommet in one corner. Order by name—TEE TOWEL—only \$2.75 per doz.

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"Fine Textiles Since 1885"

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Send me \_\_\_\_\_ dozen Sports-Cloths (Packed 3  
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## 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

best 5 pros. . . Cervecería Nacional also had nice cool kegs of beer for free around the course to succor players and spectators during intensely hot weather.

Alderwood CC, Portland, Ore. asking members to keep bag carts at least 15 ft. from greens so tracks won't divert approaches. . . Club also requests that carts be kept out of traps. . . Fred J. Bowman, Wilson vp in charge of mfg., elected pres., Athletic Goods Mfg. Assn. . . . Brook Hollow CC, Dallas, opens new clubhouse claimed to be unsurpassed for beauty and completeness. . . Among many features are a small lounge for the teenagers and boys and girls dressing rooms.

Ganton, where Ryder Cup matches are to be played Sept. 16-17, is one of few courses overseas having fairway watering. . . It was host to second half of Vardon vs. Willie Park, Jr., when the immortal Harry on his home course swamped Willie, 11 and 10 over the entire match. . . Vardon had led 2 holes in play at North Berwick. . . Both matches were played before record galleries. . . Ted Ray followed Vardon as Ganton pro. . . Then for 31 years the late Arthur Day was Ganton pro. . . Day holds course record, 65. . . Course will be about 6600 yds. for Ryder Cup matches. . . E. Calam has been Ganton gkpr. for 25 years.

## Myers water systems

trouble-free service season after season

There's never a doubt about your water supply with a Myers Water System on the job. It takes care of all your needs for keeping a course in top playing condition . . . meets all your water requirements for clubhouse and other buildings . . . year after year, at least possible cost. See your Myers dealer and examine the famous Myers line of *Ejects* and Plunger Type Water Systems. Capacities up to 4500 gallons per hour; pressures up to 250 pounds.

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Dept. N-119, Ashland, Ohio

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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 *Thermomatic* 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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## POWERS SAFETY SHOWER MIXERS

# CALO-CLOR\*

keeps  
greens  
greener!



**CALO-CLOR** remains the efficient treatment for large and small brown patch . . . snow mold . . . and earth-worms. Applied wet or dry, Calo-Clor is sure . . . fast . . . economical. One to three ounces per thousand square feet will keep greens and fairways in perfect playing condition. Specify Calo-Clor Regular for dry application, or Calo-Clor Suspension for sprayers.

Write today for full information about Calo-Clor and other Mallinckrodt greenkeeper's aids or see your supplier.

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LEWIS  
WASHERS  
AT EVERY  
TEE**



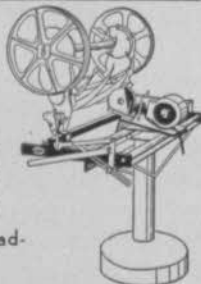
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GOLF BALL  
WASHERS**

\$8.75  
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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 edger 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)

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**MODERN MANUFACTURING COMPANY**  
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**TOURNAMENT SCHEDULE**

**JULY**

- 1-4 Washington Star Open Invitation, Prince George's G&CC, Landover, Md.
- 7-10 Reading Open, Reading CC, Reading, Pa.
- 11-16 U. S. Public Links, El Rancho GC, Los Angeles.
- 14-17 Dapper Dan Open, Alcoma CC, Pittsburgh, Pa.
- 21-24 Inverness Round Robin 4-Ball, Inverness CC, Toledo, Ohio.
- 27-30 USGA Junior, Congressional CC, Washington, D. C.
- 28-31 46th Western Open, Keller GC, St. Paul, Minn.

**AUGUST**

- 1-6 Women's Western Junior, Onwentsia CC, Lake Forest, Ill.
- 2-4 Hearst National Junior, Medinah CC, Chicago Dist.
- 2-7 U.S.J.C.C. Natl. Junior Amateur, Houston.
- 6-9 All American, Tam O'Shanter CC, Chicago.
- 11-14 World's Championship of Golf, Tam O'Shanter CC, Chicago dist.
- 15-17 National Left-handers Championship, French Lick Springs, Ind.
- 16-19 Western Junior, Univ. of Mich., Ann Arbor.
- 18-21 Grand Rapids Open, Cascade Hills CC, Grand Rapids, Mich.
- 10-20 Walker Cup Match, Winged Foot, Mamaroneck, N. Y.
- 22-27 Women's Western Amateur, Westmoreland CC, Chicago Dist.
- 29-Sep. 3 U.S.G.A. Amateur Golf Championship, Oak Hill CC, Pittsford, N. Y.

**SEPTEMBER**

- 12-17 U. S. Women's, Merion CC, Ardmore, Pa.
- 16-17 Ryder Cup Matches, Ganton, Eng.
- 19-25 Western G. A. Amateur, Bellerive CC, St. Louis.

USGA 1951 National Open to be played at Oakland Hills CC, Birmingham (Detroit Dist.) Mich., scene of 1937 National Open.  
USGA 1951 National Amateur to be played Saucon Valley CC, Bethlehem, Pa.

Step on pedal!  
A refreshing cool drink comes up from water main.  
What a joy on a hot day!

**The Murdock Mfg. & Sup. Co.**  
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# Cut Maintenance Costs!

## Use the RIGHT DOW WEED KILLER

No more digging, mowing or burning weeds! For real economy in weed control, Dow Weed Killers put the toughest weeds to rout with a minimum of time, labor and expense.

The Dow Chemical Company has developed different weed killers to meet various needs. Each is designed to do specific jobs thoroughly. Each has been tested and *proved* in the field under expert supervision.

It will pay you to get complete information. Ask your state experiment station or your distributor—or write to Dow for literature.

### Esteron 44

*A powerful 2,4-D weed killer especially effective against woody plants and sprouts—also many difficult-to-kill herbaceous weeds. 1-gal., 5-gal., 30-gal., and 50-gal. sizes.*

### 2-4 Dow Weed Killer Powder (Sodium Salt of 2,4-D)

*Kills a wide variety of broad-leaved weeds—saves grass. Low cost. Packed in 10-pound and 50-pound drums, ready to mix with water.*

### 2-4 Dow Weed Killer, Formula 40

*Liquid form—readily soluble in hard or soft water. Especially formulated for low volume spraying. 1-gal., 5-gal., 30-gal., and 50-gal. sizes.*

### Dow Contact Weed Killer

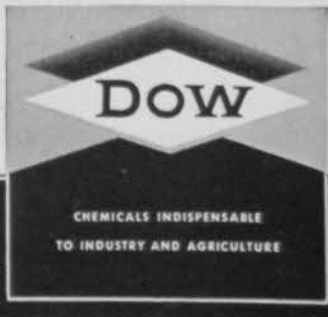
*"Chemical mower" for weeds along ditch banks, fences and roads, and in many other areas. Destroys weeds and grass above ground, leaves roots to prevent soil erosion. Kills most annuals. Perennials generally recover. 10-gal., and 50-gal. drums.*

## Dow Weed Killers

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USE DEPENDABLE DOW AGRICULTURAL CHEMICAL PRODUCTS

WEED AND VINE KILLERS • INSECTICIDES • FUNGICIDES  
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CHEMICALS INDISPENSABLE  
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every golf watering need  
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444 Brooklyn Ave., New Hyde Park, N. Y.

R. F. (Red) Lawrence new supt., Indian Creek CC, Miami Beach, Fla. . . . R. B. (Dick) Branham goes from Miami Shores to Indian Creek as mgr. . . . O. S. Baker, formerly supt. at Indian Creek goes to Ponte Vedra GC, south of Jacksonville, Fla. as supt. . . . Harold Turner succeeds Lawrence at Boca Raton. . . . Hans Schmeitze now supt. at LaGorce CC, Miami Beach. . . . Indian Creek trial of bent greens made in hope of reducing cost and work of annual planting of rye grass, didn't work out as desired. . . . Everglades Experiment station, in appraising the experiment, comments that even if certain strains of bent show better than Bermuda after 3 years' test, other requirements must be met before Florida clubs can go to bent greens. . . . Requirements include properly built greens, reliable supply of fresh water.

47th annual North and South Open for Pinehurst, N.C., announced for Nov. 1-3. . . . 1950 British Amateur at St. Andrews beginning May 22. . . . 1950 British Open at Troon beginning July 3. . . . George Peyton Memorial tournament conducted for second year at Cavalier Yacht & CC, Virginia Beach, Va., again showed that an event for amateurs 24 years or younger brings out the sort of a field that needs encouragement in competitive golf.

**"MILORGANIZED"  
TURF GROWS BETTER  
LOOKS BETTER**

Fairways, greens and tees fertilized consistently with MILORGANITE, the natural organic nitrogen plant food, are distinguished by rich, deep green color, uniform texture and a healthy, closely knit root system. "MILORGANIZED" turf resists disease and withstands many of the climatic rigors to which less sturdy turf succumbs.

These are reasons why Golf Clubs use more MILORGANITE than any other commercial fertilizer. Our Soil Testing Laboratory and Turf Service Bureau are available to you upon request.



**THE SEWERAGE COMMISSION  
MILWAUKEE • WISCONSIN**

# DROUGHTS BREED BUMPER CRABGRASS CROPS

Save greens and fairways now

with

# PMAS



With the recent dry weather in many parts of the United States, this will probably be a bad crabgrass year. Greenkeepers who apply P-M-A-S now will find it more than a match for the worst crabgrass conditions.

### WHAT IS P-M-A-S?

P-M-A-S, manufactured by this Company, kills crabgrass with amazing effectiveness, without damage to turf grasses. It has been thoroughly tested for several years at the Rhode Island Agricultural Experiment Station. Results there and on greens and fairways reserved for test purposes in various parts of the country have been remarkable.

### GOLF COURSE APPLICATIONS

Spray applications should be made seven to ten days apart. While one application will kill young crabgrass, more seed may germinate, requiring further treatment.

**FAIRWAYS:** P-M-A-S should be diluted with water according to capacity of sprayer. A sprayer delivering one gallon to 200 sq. ft. should have a dilution of  $\frac{1}{2}$  oz. of P-M-A-S per gal. or 1:250. Usually three applications are required a week or ten days apart.

**GREENS:** Closely trimmed grass, as on greens, requires a smaller dosage of P-M-A-S and more treatments. One ounce



of P-M-A-S should be applied per 800 sq. ft., necessitating five or six applications at ten to fourteen day intervals.

**CONTROL OF FUNGI:** In addition to its effectiveness against crabgrass, P-M-A-S will control many common turf diseases such as copper spot and dollar spot. The dosage is similar to that recommended for greens above.

### USE P-M-A-S NOW

Apply P-M-A-S as early in the crabgrass season as possible. Delay makes the job more difficult, but P-M-A-S will kill crabgrass successfully any time.

To introduce P-M-A-S, we are offering *one gallon only* at the below-cost price of \$11 FOB our plant. This amount is adequate for a complete series of treatments for about 17,000 sq. ft. of turf. Send the coupon below today if you wish to take advantage of this reduced price, which is offered for a limited time only.

## W. A. CLEARY CORPORATION

NEW BRUNSWICK, N. J.

**DON'T DELAY.  
SEND THIS COUPON  
TODAY !**

W. A. CLEARY CORPORATION  
New Brunswick, N. J.

Send us one gallon P-M-A-S at the special reduced price of \$11 per gallon.

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**QUALITY POLES**

**STANDARD Golf Course EQUIPMENT**

**THE TOP LINE FOR '49'**

**"GOLFBALL" WASHERS**

**"ONE-PIECE" PUTTING CUPS**

**"TRUE-VUE" FAST COLOR FLAGS**

**"CUTS-TRUE" HOLE CUTTERS**

Write for Bulletin "49" showing the complete and fully guaranteed Standard Line.

**STANDARD MFG. CO.**  
Box G., Cedar Falls, Ia.

George Lake, pro at Recreation Park, Long Beach, Calif. and head of PGA junior golfer development program, makes fine tie-up with Long Beach school supervisor of physical education who circularizes high school principals and physical education teachers asking them to cooperate with Lake in getting kids into Lake's junior classes. . . Players complained about rough close to sides and backs of greens at Medinah during National Open. . . There's a shot that the old time experts used to have that's virtually disappeared from the game. . . Chick Evans is one who still can play it regardless of the type of this rough.

Mrs. Estelle Lawson Page, 1937 Women's National champion, elected pres., Women's Carolina G.A. . . Marilyn Smith, Kansas U sophomore, beat Grace Lenczyk, 3 and 2 for Women's Intercollegiate title. . . The 20-year-old attractive Smith girl plans to become golf pro. . . Early Maxwell, Memphis publicity man, managing Carey Middlecoff.

U.S. Walker Cup team: Willie Turnesa, Skee Riegel, Frank Stranahan, Stanley (Ted) Bishop, Johnny Dawson, Ray Billows, Charles Coe, Charles Kocsis, Bruce McCormick, James McHale; and as alternates Thos. Barnes, Dick Chapman and



**Top Dressing  
for "top-flight"  
GREENS**

You can mix black dirt, manure, commercial fertilizer and sand more efficiently in a Royer Compost Machine than by any other method . . . and get a finer, even granulation . . . and you can process up to eight times as much in a day with the same labor! Royer machines are available in gasoline, belt and electric driven models in a wide variety of sizes. Shown here is the popular CJR-G model at the Omaha Country Club. It delivers up to 3 cu. yds. per hour. If you do not have a Royer working for you, why not get all the facts on its use and cost? Write today for Bulletin 46.



**PIONEER  
BUILDERS  
OF  
COMPOST  
SHREDDERS**

**ROYER FOUNDRY & MACHINE CO.**

171 PRINGLE ST., KINGSTON, PA.



# Fairway-Green **AERIFIER**\*

the **only** implement that brings so quickly, effectively and economically, these many benefits to golf course turf:

## **Corrects Soil Compaction**

"The 'kickback' of the Aerifier spoons really loosens soil beneath the surface. The Aerifier is the only implement we have to do this job."

Joe Ball, *Greenkeeping Supt.*  
Chartiers Heights CC, Pa.

## **More Efficient Use of Water**

"Several cultivations with the Aerifier made it possible for us to use much less water to maintain a healthy vigorous turf throughout the bermuda season."

James Hamner, *Greenkeeping Supt.*  
Memphis (Tenn.) CC

## **Deeper, Healthier Root Growth**

"Aerification to break through layers in the soil enables roots to go down to the proper depth."

Philip Cassidy, *Greenkeeping Supt.*  
Weston (Mass.) GC

## **Better Fertilizing Results**

"Aerification allows more fertilizer to get down deep to feed the turf grasses—taking food away from the shallow-rooted clover and *poa annua*."

Mal McLaren, *Greenkeeping Supt.*  
Oakwood Club, Ohio.

- \*For use on fairways, tees and greens. \*Single unit or three unit gang may be used.
- \*Choice of large or small diameter spoons. \*Cultivation depth adjustable from 1-5 inches.
- \*Steel strips between discs prevent lifting of shallow-rooted turf. \*Discs revolve independently to eliminate tearing when turns are made.

Write to us for the name of your dealer.

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Lawn Products,*

*West Point, Pa.*

Grass...weeds...tall growth

# MOW 'EM SMOOTH

WITH A ROTARY SCYTHE

TRADE MARK

## WHIRLWIND

Reg. U. S. Pat. Off.

### POWER MOWER



20, 24 and 31" cutting widths. 17 years of proven leadership. Write for free literature.

**SUCTION LIFT** pulls matted grass up into high-speed blade. Chops clippings into fine mulch.

**PREVENTS RESEEDING**...Cuts everything. Leaves nothing standing to go to seed!

**LOW MAINTENANCE COST**...Simple blade can be sharpened in a jiffy with an ordinary hand file.

Write WHIRLWIND, Inc., Dept. G-79, Milwaukee 12, Wis. Subsidiary of Toro Mfg. Corp.



Arthur Armstrong of Honolulu.

Roy M. Tinsley, formerly at Charlotte (N.C.) CC succeeds Tom Rose as pro at Tryon (N.C.) G & Tennis club. . . Rose is going into business in Philadelphia. . . Caddies at Oak Park (Ill.) CC given a practice putting green by club acting on suggestion in Western GA caddy recruiting, training and recreation program. . . First annual Grandpa tournament put on by pro Pat Markovich at Richmond (Calif.) CC for grandfather members.

Herb Winn, 50, salesman for the Great Lakes Golf Ball Co., and widely known among midwestern pros, was killed in an automobile accident near Indianapolis early in June.

Midwest Assn. of Golf Course Supts. did expert work in volunteer services repairing ball holes on greens during National Open. . . It looks strange to see this competent and careful repair work done to greens after which the players dig toes of putters into places around the cup and using their putters as props pick balls out of the cups. . . After making those deep indentations at the most critical spots players have no license to complain about greens being bumpy.

All hail the new queen, gentlemen. . . She's Laurel Susan, new daughter of Mr.

## keep your mowers rolling — their bed knives razor-sharp

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# Grinder You can afford



MODEL 50, ABOVE . . . \$125.00 F.O.B. Plymouth, Ohio

**Attention Golf Clubs, Parks, Cemeteries!** Whether or not you do your own grinding, you can avoid delays and increase the service life of every mower with the Model 50 Bench Grinder. Reels can be lapped in several times between complete grinding jobs when the bed knives are kept properly ground on the Model 50. The price? Hard to believe . . . but true! Never has a machine like the Model 50 come anywhere near this low cost. Perfect companion to the famous PEERLESS MOWER SHARPENER. Write today for descriptive bulletin.

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