



## KEEP 'EM HAPPY

Club champs and fourth fliers alike mis-hit shots occasionally. Some of these players feel a ball should stand up under *any type of miss*. Surely they are entitled to their opinion . . . so let's keep 'em happy!

Sell them the Red Titleist, a top-grade ball created specially for them — and *boy*, have they gone for it!

In fact, we've never seen a ball welcomed with such instantaneous and overwhelming acclaim. In the one short year since Red Titleist was introduced, sales have soared — literally sky-rocketed! The Pros who have pushed it have really hit the jack-pot.

And this popularity is not only continuing, but growing every month.

So, again we say to you, sell this amazing ball to those players for whom it is specifically designed — and you'll make friends and profits, both.

Acushnet Process Sales Company,  
New Bedford, Massachusetts.



**ACUSHNET**  
*GOLF BALLS*

Sold the world over through Golf Course Pro Shops only

# Swinging around Golf

NEWS OF THE GOLF WORLD IN BRIEF

National Open this year at Oak Hill CC, Rochester, N.Y., had biggest gate, biggest total revenue for USGA and host club of any USGA tournament and probably of any golf tournament . . . USGA received \$95,000 of \$170,265 admissions . . . USGA also got cut of \$100,605 program net revenue . . . Parking brought to club \$11,403 . . . Income from food and beverages was \$43,600 and from other concessions \$39,055.

Income to Oak Hill will pay expense of remodelling both courses . . . The job done in rebuilding the Oak Hill East course on which the championship was played was miraculous . . . Badly handicapped by bad weather, Supt. Elmer Michael and his staff finished the reconstruction to plans of Robert Trent Jones a wink ahead of practice rounds . . . Acres of sod from West course used in giving the remade East course a finished and polished look.

Contestants rated design, mowing and condition fairest combination the Open has presented in several years . . . Pre-tournament guesses were that the event wouldn't be won by a dark horse as sometimes is case on a tricked-up course.

Trent Jones guessed score between 280 and 284 would win . . . Middlecoff's winning 281 (one over par) contained a 7 in each of the first two rounds . . . First time there's been 7s on a winner's card in



HERB GRAFFIS

modern Open history . . . Box score compiled by Charley Bartlett, Chicago Tribune golf writer, showed Middlecoff with 20 one-putt greens, Hogan with 15, Boros with 22 . . . Hogan's miss of a three-footer on the 17th of the fourth round will be long remembered because it was on TV but he was blowing many putts 6 feet and under during the four rounds . . . If

Hogan could have holed the percentage of these putts canned by Middlecoff there would have been three more Open titles in the Hogan record.

Our hunch, based on remarks of doctors, is that Hogan turns his head so often sighting a putt while he's standing over it his accuracy is diminished . . . Middlecoff is one of the steadiest-headed putters playing these days . . . Before Doc won the Open he said he wouldn't be playing in the PGA . . . Said it's too much of a grind with his hip trouble and hay fever . . . Remarkd "That hot marathon last year almost killed me."

Performance of Julius Boros in tying with Hogan at 282 was especially notable considering heavy exhibition schedule he's been playing . . . That usually wears them out as tournament threats . . . The Moose had 24 one-putt greens in the Open, holed a chip . . . Ted Kroll, who finished tied with Ed Furgol and Peter Thomson, in third place with 285 went 4-7-5-4 against a par of 3-4-4-4 to fade at the finish.

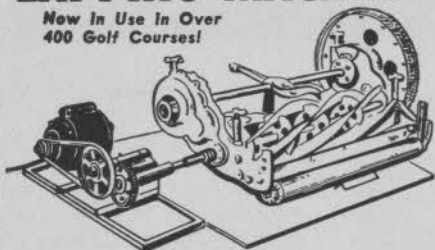
Front

Cover

This pre-tournament picture of Ben Hogan (left) and Cary Middlecoff warming up for the Open is an almost perfect tipoff of things to come — with Middlecoff, who finished early with a 281, waiting around wondering if Hogan (who finally came in with a 282) was going to catch up or pass him on the last four holes. Even the fact that Cary watches while Hogan is putting is prophetic when you recall what happened to Ben on the 71st hole. About the only thing the photographer didn't foresee was getting Julius Boros, who tied Hogan, into the picture

# Atlas Lawn Mower LAPPING MACHINE

Now in Use in Over  
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A compact, light-weight machine for lapping all models of Hand, Power and Gang Mowers! May be easily used on work bench or floor, eliminating the lifting of heavy mowers. The simple height adjustment for the reel shaft may be used from 4 1/2" to 10 3/4". Equipped with several attachments to fit different reel shafts. Metal blocks for rollers. Steel stands to support the mower.

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List Price, Without Motor \$39.00

List Price, With Motor \$61.50

Write for Bulletin.

**Atlas Lawn Equipment Co.**

9629 Olive Street Road, St. Louis 24, Missouri

Ken Venturi with 289 and in 8th place was leading amateur . . . Young Wesley Ellis looked real good until the last round when he started by batting one out of bounds and finished with a 78 . . . The Open gets the apple higher than George May's World \$50,000 first prize . . . Why? . . . That's anybody's argument . . . Maybe it's because people remember the names of National Open winners.

This Open set a record — as far as we know — on rules decisions made by USGA . . . Five of them . . . Everybody got off easy . . . Luckiest was Jackie Burke who inadvertently signed a scorecard giving him a stroke lower than he took . . . USGA slapped on two-stroke penalty instead of disqualification which has been the treatment before the rule was eased . . . Gallery comment was that the pros have been playing by "PGA rules" on the tournament circuit and have become careless . . . No justification for that belief . . . USGA rules — the only official rules of golf — are strictly enforced at PGA tournaments.

Golf merchandise exhibition tent innovation was a flop in selling merchandise . . . Usual style display such as at Masters and previous Opens a better arrangement for the gallery . . . Pro Charley McKenna did pretty good business in his shop during the Open . . . With clubhouse absolutely jammed, Mgr.



MODEL NCRP-EG

This LARGE Royer Shredder will eliminate costly and backbreaking hand shovelling. It can handle the charge of an eight cubic foot tractor bucket as rapidly as the bucket can be brought into charging position, making large capacity shredding a one man proposition.

The material fed into the hopper is combed from the bottom by the rapidly moving teeth of the "combing belt". During the shredding the material churns rapidly, providing a perfect mixing and blending action for production of top dressing.

There is a Royer that will do your shredding or mixing job at low cost . . . regardless of your capacity requirements . . . from 4 to 150 cubic yards per hour. Write for Bulletin 56-SY giving information on all models . . . stationary or portable . . . electric motor, gasoline engine or belt-to-tractor driven.

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**ROYER**



## One of the fine courses piped with Cast Iron

Cast iron pipe for the irrigation system being installed for Riverlake Country Club's two 18-hole courses. J. Press Maxwell is architect and builder.

A fairway irrigation system, piped with cast iron, is an investment in better playing conditions and a healthy membership—a *permanent* investment without replacement or maintenance expense. The first cost is the last cost. Cast iron pipe serves for a century. It is the standard material for underground mains. Sizes from 2 inches. Address inquiries to The Cast Iron Pipe Research Association, Thos. F. Wolfe, Research Engineer, Peoples Gas Building, Chicago.

Courtesy:  
Riverlake Country Club,  
Dallas, Texas

# CAST IRON PIPE

*The Standard Material*  *for Underground Mains*

## POACEAE or FESTUCOIDEAE

You don't need to know the scientific names as long as you have a good source for Bluegrasses and fescues when you need them. Depend on Mock for—

**QUALITY** — We handle only the finest of carefully tested and double cleaned seed.

**VARIETY** — We can supply all the best-known strains of turfgrass, either pure or mixed to your own formula.

**DELIVERY** — Large stocks and immediate attention to orders assures you seed *where* you want it, *when* you want it.



**MOCK SEED COMPANY**  
PITTSBURGH 30, PA.

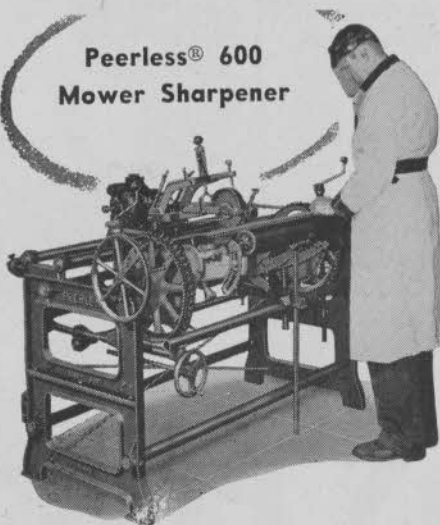
George D. McWilliams' staff did great job in caring for customers . . . Especially noteworthy was cheerful and quick work by extra waitresses, apparently college kids on vacation . . . Regulars on the staff sure got those youngsters trained and supervised to handle emergency load.

Middlecoff was the favorite to win the Open, being picked by 22 golf writers in poll conducted by GOLFING magazine . . . Press tent arrangements good . . . Oak Hill officials and members did an unbeatable job in organizing to sell tickets and in taking care of players, gallery and press . . . Only flaw was the usual one in failing to provide practical facilities for interviewing players after a round . . . Crowd of press and photographers swarming in locker aisle and on tops of lockers to get Hogan's stuff after second round was about worst exhibit we've seen in golf or any sport . . . USGA and host clubs should devise some businesslike way of setting up these interviews.

Rep. Jack Westland flew to Rochester from Washington as Ike's representative at ceremony dedicating the arboreal Hall of Fame, in which trees bear tablets associating them with famed golfers, among them Rochester's own Walter Hagen . . . The Oak Hill courses have between 70,000 and 80,000 trees, about 80 per cent planted under the direction of Dr. John R. Williams, sr, Green chmn. at Oak Hill for 20 years . . . Supt. Elmer Michael's previous chmn. was Louis M. Chapin, father of

# FOR PEAK PERFORMANCE

Peerless® 600  
Mower Sharpener



The most accurate sharpener ever built! Best for precision grinding of any reel type mower, from the smallest edger to the largest power or fairway mower. No disassembling of mower necessary. Engine, handle, wheels remain in place on the mower during grinding. Equipped with attachment bar for grinding both the face and edge on bed knives. Offered with gravity feed or hand crank for accurate grinding. Adjusts instantly for hook or straight line grinding. Reconditioner provided for lapping-in operations. It's the fast, easy way to keep your mowers sharp. Write for further information.

Write for our lawnmower repair parts catalog.

**THE FATE-ROOT-HEATH COMPANY, Dept. G-7 Plymouth, Ohio**

# A REPORT ON KROMAD FROM AGRICULTURAL STATIONS THROUGHOUT THE COUNTRY

No. 4 in a series of reports on KROMAD\*—the new broad-spectrum fungicide developed by Mallinckrodt.

To increase your understanding of this new product, here is what leading plant pathologists and turf experts at agricultural experiment stations report on KROMAD.

At these stations the performance of KROMAD was closely checked under controlled conditions. Detailed records were kept on KROMAD—treated plots and check plots. Further, these studies were conducted in several widely separated states with different climatic conditions and disease problems.

Here is a condensed cross section of these reports.

## TEST AREA No. 1

Three test plots were under observation when brown patch hit toward the end of July. An immediate application of KROMAD, followed by another a week later, promptly brought the disease under control. The plant pathologists stated that KROMAD did an excellent job on all three plots throughout the season.

## TEST AREA No. 2

A green heavily attacked by dollar spot was first sprayed with KROMAD on July 5th. At the time of the initial spraying the number of dollar spot lesions on randomly selected plots (four square feet each) averaged 154. It is interesting to see how KROMAD brought the disease in these test areas under control.

Date Lesions Were Counted	Average Number of Lesions
July 5	153.6
July 13	33.8
July 22	15.2
August 1	5.2
August 12	0.4

The pathologists added that there was no

\*Trademark

injury to the turf following any of the treatments.

In other areas pathologists came to the same conclusions regarding the ability of KROMAD to control dollar spot. One reported that KROMAD provided excellent control of both dollar spot and brown patch with no unfavorable effects after application.

## TEST AREA No. 3

In this area test plots were treated on a regular preventive schedule with KROMAD throughout the year. These plots remained free of typical leaf spot damage caused by fungi such as *Helminthosporium* and *Curvularia*, while the untreated adjacent areas were badly injured by the fungi. In the opinion of the plant pathologist KROMAD is an economical and effective control for leaf spot diseases.

## TEST AREA No. 4

Although we have not yet gathered sufficient evidence of the effectiveness of KROMAD against *Pythium*, the following experience is interesting.

Hot, damp weather, together with poor drainage, resulted in a heavy infection of *Pythium* in a particular area in the Northeast. The attack was so severe that turf in another plot in the same area was completely killed. The plot severely attacked by *Pythium* was divided into 28 areas (ten square feet each). Six chemicals were tested on the plots. The plant pathologists reported the six chemicals showed varying degrees of "Pythium blight" control; however, plots treated with KROMAD exhibited the greatest reduction in the disease.

## CONCLUSIONS:

With every new test we find additional proof of the capabilities of KROMAD. It is living up to expectations as a truly effective broad-spectrum fungicide.

Discuss KROMAD with your Mallinckrodt distributor... he can give you more information. If you wish, write us. Then, if you have not already done so, try KROMAD this month during hot, humid disease weather.

Mallinckrodt Chemical Works, St. Louis, New York.



**DAVIS SPRINKLERS**

The prime requisite of fine turf, greens, tees, fairways and lawns is a sprinkler which can give uniform distribution and coverage of large areas, rotate evenly and stand up under hard usage. We have sprinklers with these and many more qualities.

**Write us today**



Oak Hill's present pres. . . . Saturday prior to start of the Open Rochester CC had a gala dinner at which honorary membership was given its former pro who began a sparkling career in golf as a Rochester CC caddie, Walter Hagen.

Best job we've seen of handling turf conference proceedings is publication of 1956 conference of Midwest Regional Turf Foundation . . . Papers were digested and edited expertly by W. H. Daniel, Executive Sec., Midwest organization . . . Copies were sent to the 485 attending the conference, supts. of Midwest member clubs not attending the conference and to a press list . . . Additional copies are available from Daniel at Purdue University, Lafayette, Ind., at \$1.

Three noted veterans were lost to golf in June . . . Robert A. Gardner, 66, National Amateur champion in 1909 and 1915, and contestant in numerous Walker Cup and senior international matches, died of a cerebral hemorrhage, in Lake Forest (Ill.) hospital June 21 . . . He won his first National Amateur when he was 19, youngest to win this title.

Paul H. Hyde, 67, died on the 8th green of the Highland G&CC, Indianapolis, during the Western Senior's championship. He was playing in a heavy rainstorm and died after exploding a trap shot . . . He was captain of the Williams College team and Kansas amateur champion when he was a youngster

**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.**

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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.

*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  
Treats 86,000 Sq. Ft. **\$60.00** Freight  
Prepaid

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

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# "AGRICO and AGRINITE beat the CRAB-GRASS PROBLEM!"

—says Frank Votta (inset), Supt., of Essex County Country Club.



One of the beautiful greens at Essex County Country Club, West Orange, N. J.

Here's a good way to keep your turf density up and cut crab-grass down to a minimum, as told by Frank Votta, Supt., of the beautiful Essex County Country Club:

"Our principal problem for years was the lack of turf density and the resulting crab-grass problem.

"Three years ago, I increased the feeding program of all the turf areas, using Agrico Country Club Fertilizers and Agrinite. This program helped me produce vigorous turf with the desired texture, color and density. With results like these, you can see why I say Agrico Country Club Fertilizers and Agrinite make a great team for the production of beautiful turf!"

## 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 Fertilizer

# AGRINITE®

the Better, Organic 100% Natural Fertilizer

He recently retired as pres., Mentholatum Co.

Thomas Waller (Tubby) Palmer, 70, died at his home in Miami, Fla., after a long illness . . . He had been an amateur star in the south . . . He designed and helped build the Miami Springs course and figured in other golf developments in south Florida.

Torrential rain washed out second 18 of Western Senior's championship at Highland G&CC, Indianapolis . . . J. B. Bixler of Akron, O., whose first round 72 edged former champion J. Clark Espie by a stroke, won Western Class A . . . U.S. Seniors' 52nd annual championship won by Franklin G. Clement of Old Elm Club, Ft. Sheridan, Ill. . . . Clement got 73-71 at Apawamis . . . He is 57 and shot with a plus 2 handicap in the U.S. Seniors . . . U.S. Seniors and Western both had record fields.

Dr. Ernest N. Cory, Dept. of Entomology, U of Maryland, College Park, Md., looking for candidates for supt. job at the university's course now under construction . . . Cherokee Town & CC, 18-hole course now under construction at Atlanta to plans of David Gill, looking for supt. . . . Jack Frazer, 3224 N. Peachtree, Atlanta, Ga., is man who'll do the hiring . . . Dr. Green D. Warren, Pres., Peachtree GC, 4600 Peachtree, Atlanta 19, Ga., also looking for supt.

Harry Pressler, for 29 years pro at San Gabriel (Calif.) CC, and one of the great developers of golf talent in southern California,

## FOR

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