

**"TEE OFF" now on turf diseases with  
this unbeatable twosome!**



Now—by adopting this simple new Mallinckrodt program of periodic preventive treatments you can keep your greens permanently velvet-healthy—safe from all five major turf destroyers.

Both CALO-CLOR and CADMINATE are proved highly effective—fast-acting—safe—economical—and so easy to use that routine treatments are as simple as sprinkling.

● NOW is the time to "tee off" your preventive program with CADMINATE and CALO-CLOR. See your dealer or write for full "How-to-use" details today—and have greens all year round that your par-busters will brag about!

## MALLINCKRODT CHEMICAL WORKS

Mallinckrodt St., St. Louis 7, Mo. / 72 Gold St., New York 8, N. Y.

CHICAGO / CINCINNATI / CLEVELAND / LOS ANGELES / MONTREAL / PHILADELPHIA / SAN FRANCISCO  
Manufacturers of Medicinal, Photographic, Analytical, and Industrial Fine Chemicals



\*Trade Mark

## "Healthy, Colorful Turf Throughout the Season —with AGRICO!"



Frank Svehla, greenkeeper at Suburban Golf Club, Union, N. J., points out aerified turf produced through use of the alfalfa disc-seeder.

**F**OR the past 11 years, it has been my practice to use AGRICO COUNTRY CLUB Fertilizer on my turf," writes Frank Svehla, Greenkeeping Superintendent at Suburban Golf Club, Union, N. J., and treasurer of the N. J. Greenkeepers Ass'n. "I have found that the use of Agrico, coupled with regular aeration of fairways with the alfalfa disc-seeder, has always given us healthy, colorful turf all through the season, with little or no artificial irrigation. Use plenty of Agrico regularly and you're way ahead in keeping fairways and greens in excellent playing condition."

Order Agrico now—it's specially made to feed golf-course turf and feed it right. Ask your regular supplier, phone nearest A.A.C. Sales Office, or write to The AMERICAN AGRICULTURAL CHEMICAL Co., 50 Church Street, New York 7, N. Y.



**AGRICO**  
Country Club  
FERTILIZER

Merion letting himself be outdriven plenty but staying near the middle. . . Club members are taking more lessons and learning to control the ball better. . . They aren't in the rough areas now as much as they used to be.

PGA 1951 championship at Oakmont CC, Pittsburgh. . . Promotion under expert supervision and sponsorship of Al Abrams and the Dapper Dans. . . Guarantee is tops for the event. . . \$45,000. . . 1922 PGA at Oakmont won by Sarazen who defeated the late Emmet French, 4 and 3 in finals. . . 1927 and 1933 National Opens; 1919, 1925 and 1938 National Amateurs; 1916, 1930 and 1937 National Intercollegiates also played at Oakmont. . . Ending the PGA on Tuesday now is regarded as questionable as a gate-building schedule. . . Semi-finals on Monday don't mean much as a daily ticket sales stimulant.

Chandler Harper at Columbus played golf that would have made him a champion in any field. . . He never was down to an opponent. . . Columbus newspaper coverage of the PGA was strongest we can remember of any tournament. . . Only one detail of the PGA championship stories was generally muffed in press coverage and that's who the contestants had beaten in previous rounds. . . The husky young Williams who gave Harper tight competition in the finals

## JUSTICE PLUG EJECTOR GIVE 'EM AIR!

This tool promotes root development and relieves compaction of greens. Ideal for use before adding soil conditioners.

**DAVE W. JUSTICE**

501 S. W. 44th St.

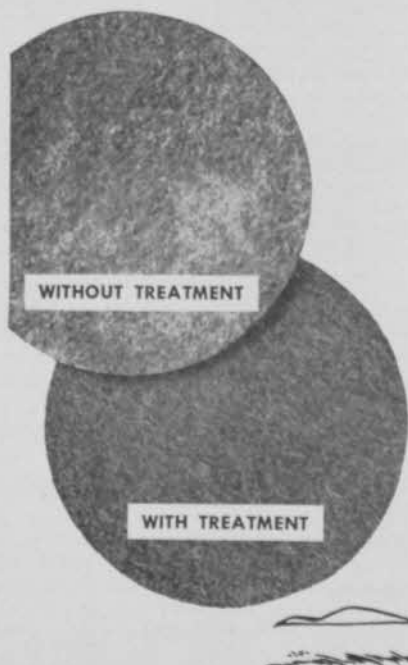
OKLAHOMA CITY, OKLA.



# Trouble with

# DOLLAR SPOT?

stop it now with



## TURF FUNGICIDE

*Only CRAG Turf Fungicide gives you these "balanced benefits":*

- Economical
- Easy to apply as spray or dust—even by inexperienced labor
- Non-corrosive to metal equipment
- Doesn't discolor fine turf grasses
- Regular treatments for *dollar spot* will give bonus value by aiding in the control of *snow mold*, *pink patch*, and *green scum* (algae)

Prevention is the surest cure for *dollar spot*. But if this turf destroyer has caught you unawares, you can still stop it and save valuable greens by applying CRAG Turf Fungicide NOW!

CRAG Turf Fungicide is the cadmium compound that has proved the best answer to *dollar spot* problems. As little as 3 oz. per 1,000 sq. ft. permits early recovery of the grass *even after dollar spot damage*.

BUT—the sooner you get after it, the faster the cure. So don't delay. Call your dealer for CRAG Turf Fungicide today—or write now to our Consumer Products Department.

# CRAG

Trade-Mark

AGRICULTURAL CHEMICALS

## CARBIDE AND CARBON CHEMICALS DIVISION

UNION CARBIDE AND CARBON CORPORATION 

30 E. 42nd ST., NEW YORK 17, N. Y. - IN CANADA:  
CARBIDE AND CARBON CHEMICALS, LIMITED, TORONTO

The term "Crag" is a registered trade-mark of Union Carbide and Carbon Corporation

WIN  
"TOP HONORS"  
with

# PURATURF 177

an organic cadmium fungicide

The proven cure for...

**DOLLAR SPOT  
PINK PATCH  
COPPER SPOT**

PROVEN to be the leading fungicide for dollar spot control in the 1949 turf fungicide trials.

MOST INEXPENSIVE—only 21c to treat 1000 square feet of turf.

## ✓ CHECK THESE FACTS:

Used effectively for 4 years by greenkeepers everywhere.

Odorless; non-irritating to the skin.

Easily applied as dust or spray.

May be applied with fertilizers for easy, 2-in-1 application.

Non-injurious to turf.

The only fungicide to exhibit long residual protective action against dollar spot—complete control for 60 days after last treatment.

A single application eliminates dollar spot within 7 days.

Aids in the prevention of large brown patch.

Will not corrode equipment.

For Crabgrass-free turf—try  
**PURATURF CRABGRASS  
KILLER**

If not available at your nearest dealer, write directly to:

**GALLOWHUR CHEMICAL  
CORPORATION**

801 Second Avenue  
New York 17, N. Y.

\*Trade Mark

is another one of those fine examples of a pro's son. . . His dad can be proud of him as a gentleman sportsman. . . Harper's conquest after playing in tournaments from 1937 on—barring time out for Navy service—was a merited reward of a quiet, pleasant and competent fellow who's kept plugging and uncomplaining. . . He's a fine man on the job as a home-club pro, too. . . Pros and gallery were talking about the fine performance of the veteran Henry Picard who went to the semi-finals until his legs wore out. . . The affable Pic really put his shots on strings down the middle before old rocking chair got him and sent him back to his masterly duty on Canterbury's lesson tee.

Again you've got to hand it to Lloyd Mangrum for refreshing candor. . . After he'd been penalized for lifting his ball on the 16th green in the play-off at Merion he simply and honestly said "I didn't know the rule." . . No alibis. . . No squawks. . . The Soldier Boy gets our vote for that and many other characteristic displays of standing up and taking the punches without moaning.

Jack Sargent, a son of the retired veteran George, married Miss Alice Leach at Atlanta, Ga., June 6. . . Harold Sargent, George's son who succeeded him as pro at East Lake CC, Atlanta, moving into a fine new pro shop at the club. . . East Lake also has new locker-room, men's grill and dance

**"QUALITY" POLES**

**Buy STANDARD Golf Course EQUIPMENT**

**BE THRIFTY IN "50"**

**"GOLF BALL" WASHERS**

**"ONE-PIECE" PUTTING CUPS**

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

**4**

**"CUTS-TRUE" HOLE CUTTERS**

Write for Bulletin "50" showing the complete and fully guaranteed Standard Line.

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

terrace... Jack Ryerson dropped into GOLFDOM'S padded cells reporting that he's now played 813 courses scattered among all 48 states... Jack told that Dewey Longworth, pro at Claremont CC (SF dist.) has 20 members over 80 years of age who play at least once a week... Oldest is Harry Maxfield who's 88... A rugged 86-year-old Claremonter named Edwards plays 5 times a week.

J. P. (Sonny) Rouse opens 21-tee range at Waukegan, Ill... There's a fellow who's made one of the finest comebacks we know of in sports... Wing Cmdr. T. R. Vickers recently aced the 100 yd. 3d hole at Royal Air Force course at Singapore and followed with another ace on the 130 yd. 4th hole... 14th annual Irvin Cobb championships at Edwin J. Paxton Park, Paducah, Ky., July 29 and 30... Always a swell Southern hospitality affair... Entry \$6 to Sam Livingston, P. O. Box 931, Paducah, Ky... Metropolitan (NY) Golf Assn. has a Committee of 100 Plus to carry out program of the association... About 90% of the MGA's 150 member clubs have appointed representatives to the committee.

Junior Chamber of Commerce national convention at Chicago heard report from Dean A. Knudson, tournament director of the 1950 Jaycee's National Junior Championship at Ames, Ia., Aug. 12-19... Knud-

## "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



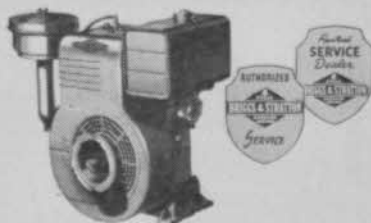
# World-wide SERVICE

**Through  
the Largest Network  
of its Kind  
in the World**

There is a Briggs & Stratton service organization, factory-trained and supervised, near you — with a complete stock of genuine Briggs & Stratton parts for all models.

Briggs & Stratton service is world-wide — and constitutes the largest network of its kind. It is an important part of Briggs & Stratton's continuous effort to make its engines of greatest constant value to their users.

**BRIGGS & STRATTON CORPORATION**  
Milwaukee 1, Wisconsin, U. S. A.



In the automotive field Briggs & Stratton is the recognized leader and world's largest producer of locks, keys and related equipment



**PLAN ON  
LEWIS  
WASHERS  
AT EVERY  
TEE**



**LEWIS  
GOLF BALL  
WASHERS**

Ask your  
GOLF SUPPLY DEALER

sen said more than \$4000 of Ames Hospitality Bonds were sold in a town of 15,000 people to finance the tournaments. . . Each bondholder becomes a "Day away from home" to lads in the tournament. . . Bonds were advertised as "an investment in the youth of America." . . Ames found campaign went over quicker and stronger by accenting youth rather than sport.

Greensboro, N. C., Jaycees reported 1950 Open netted \$8200. . . In 14 years of staging the Greensboro Open the Jaycees have lost money only one year. . . That year it snowed on Sunday which was the last day of the tournament. . . Hugh Egan, Jr., Jaycee sports director told of extensive and successful use of the organization's golf movie and its national junior championship radio interview recordings in stirring up local Jaycee chapter activity in golf promotion.

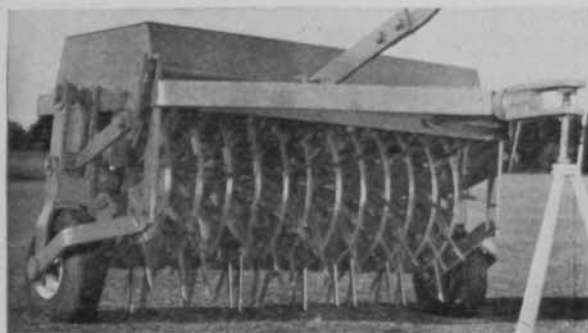
Harry K. Whiteman, Mgr., Morgantown (W. Va.) G&CC, is preparing for Albert Spencer day at the club. . . Albert has been with the club 25 years and they're celebrating July 9. . . Feature will be an exhibition by Albert and his 18-year-old son Reggie. . . Reggie is on U. of W. Va. golf team. . . Spencer's other two sons are fine golfers. . . Whiteman says Spencer is a godsend to golf. . . On the job 12 months a year making members happy. . . Whiteman also says when he came on the job as mgr., Spencer did everything humanly possible to get him

## BETTER TURF - THE NATURAL, ECONOMICAL WAY

with the  
*Improved*

## PERRY'S Greens Spiker

(PATENT PENDING)



The spiking assembly is quickly detached from the frame by removing four bolts. Spoons easy to replace. The tractor drawn Perry's Greens Spiker is transported on its heavy duty rubber tires with lift bar handy for operation from driver's seat.

An indispensable implement especially designed for properly, quickly loosening and aerifying soil to encourage abundant, healthy turf development and watering efficiency. In every four sq. ft. 100 hollow, high carbon spoons of lasting durability remove  $\frac{1}{2}$  in. plugs of compacted soil to an adjustable depth up to 4 inches — without injury to the turf.

Encourages deeper, healthier, more extensive root growth; permits more efficient, economical water and fertilizer use; keeps greens softer without waste and injury of over-watering. An essential of modern turf maintenance.

Write for illustrated descriptive folder.

**PERRY'S GREENS SPIKER**

1340 Prescott Road, Memphis, Tenn.



started on the right foot and has made it a delight to be teamed with him.

Australian golfers have "Golfer's Legacy Hostel Fund" to finance home for girl orphans of Aussies who were killed in the war. . . Clubs raise money by "Legacy Day" competitions. . . Willowbrook, new 9-hole fee course, opened near Charleroi, Pa. . . Unfavorable early season weather in many districts had pros not caring much whether or not they qualified for the National Open or PGA. . . For tenth consecutive year "Rocky" Schorr, Bluefield (W. Va.) pro and members Otey, Blaydes and Walker, have indulged in a week's pre-season warm-up at Pinehurst.

Ray Schurz, gkpr. at Scioto CC, has three sons on his maintenance staff. . . The boys certainly have the know-how and diligence that justifies their Dad's pride. . . Dick Grout as one of Henry Picard's proteges was saying "I told you so" when Pic went to the semi-finals of the PGA. . . Ernie Cook, Scioto's chmn. of PGA championship committee, drove truck around hauling Cokes to ticket takers and other workers in the course during the tournament at Columbus.

National Greenkeeping Supts. Assn. will celebrate its 25th anniversary in 1951. . . John Coutre, now supt., Chevy Chase CC, Wheeling, Ill. . . Louisville (Ky.) CC members pay 5 cents a round

## TEE MATS

**HEAVY DUTY** . . . Made from selected rubber tire fabric. Bound with heavy gauge galvanized spring steel wire. Will give years of service under most severe climatic conditions. Premium quality at a lower price. Prompt delivery. Stock sizes: 42"x60", 48"x60", 48"x70". Special sizes on request.

## FLOOR MATS

(RUNNERS)

Ideal for locker rooms, pro shop, shower rooms, grill, etc. Takes care of spike traffic. Saves floors, relieves fatigue. Made in herringbone or solid weave design. Same material as tee-mats. No wear out.

Write for folders and prices today

### DUAL TRED MAT COMPANY

530 N. 26th Street  
EAST ST. LOUIS, ILLINOIS

"The Finest In Rubber Tire Mats"

**At Last!**

## LOW COST CRAB GRASS CONTROL

**10% TAT C-Lect** controls crabgrass and fungus in putting greens.

**13% TAT C-Lect Fortified** simultaneously controls crabgrass and weeds on fairways, aprons, tees.

### Accept No Substitutes!

These outstanding concentrates meet all your requirements, spell real economy. With 10% TAT C-Lect you keep a 5,000 sq. ft. green crabgrass-free

### at only 57c per treatment!

With 13% TAT C-Lect Fortified you *kill crabgrass and weeds simultaneously* on fairways, aprons, tees, for only 25c per thousand square feet per treatment—

### less than \$11.00 per acre!

10% TAT C-Lect is a new high concentration of solubilized phenyl mercuric acetate—at new low cost. 13% TAT C-Lect Fortified is the *only* product containing phenyl mercuric acetate and a specially coupled 2,4-D weed killer *in the same solution*. Check these prices—see how they fit into YOUR course maintenance budget!

#### 10% TAT C-Lect

Single gallon	\$ 13.90
4-gal. case	11.12 per gal.
5-gal. drum	9.45 per gal.

#### 13% TAT C-Lect Fortified

Single gallon	\$ 16.00
4-gal. case	12.80 per gal.
5-gal. drum	10.80 per gal.

Write for new comprehensive circular.

**TAT MO-GO**  
kills moles and gophers; never fails. 1 lb. can \$3.00, 5 lb. can \$11.60.

**TAT CHLORO #8**  
(contains 8 lbs. technical chlordane per gallon)—kills chinch bugs, mole crickets, Jap beetle grubs, sod webworms.

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



## A Perfect Blend Every Time

With a Royer Compost Machine you can blend sand, humus and chemical fertilizer (or other top dressing components) more dependably and uniformly than by any other method. Two or three men shovel separate materials into the hopper . . . and the Royer does the blending automatically . . . culling out stones, sticks and other trash. And the complete job of preparing top dressing for greens takes one-fourth to one-eighth the time required by ordinary hand methods. That's why Royers are considered standard equipment by superintendents of America's leading courses.

Models in electric, gasoline and belt drives in capacities up to 12 cu. yds. per hour. Write for Bulletin 46 . . . also ask about the new Royer method for shredding stolons.



**ROYER FOUNDRY & MACHINE CO.**  
171 PRINGLE ST., KINGSTON, PA.

for half-pint of milk given each caddy as he walks off 9th green . . . Free Coca-Cola supplied at 10th tee of PGA championship at Scioto CC by Coca-Cola Co. . . . USGA Museum Committee, 73 E. 57th st., New York, would like to get copies of USGA yearbooks for 1896, '97, '98, '99, 1901, '02, '03, '04, '05, 1914, 1915.

Personal consulting service on green-keeping and turf management matters by members of USGA Green Section staff to USGA member clubs and courses and to Green Section service subscribers now available at \$50 per day of service, plus traveling and living expenses. New Jersey Field Day, NJ Agricultural Experiment Station, New Brunswick, Aug. 8 . . . Penn State Field Day, Pennsylvania State College, State College, Pa., Sept. 11 and 12.

Fred Gregory now mgr., River Oaks CC, Houston, Tex. . . . Al Chivers, jr., appointed mgr., Glen Garden G&CC, Ft. Worth, Tex. . . . Robert M. Quiroz and wife managing Davenport (Ia.) CC . . . Loyal J. H. Milligan new mgr., Big Spring CC, Louisville, Ky. . . . Stephen W. Tong, promoted to mgr., Louisville (Ky.) CC.

Despite bad weather in most sections into June junior golf at private, public and fee courses in many cases have been of record size . . . Oklahoma City, Okla.,



**SPECIAL SEMESAN**  
TERSAN  
CALO-CLOR  
CADMINATE

**PURA TURF**  
GRAG 531  
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### Crabgrass and 2-4D Weed Killers

**TAT-SOILICIDE**  
PMAS

**TUFOR (2-4D)**  
DuPONT 2-4D

Send for our complete Folder, containing prices on the above and other Golf Supplies.

Same day shipment from our own warehouse.

*Stump & Walter*

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junior championship at Meridian GC has 126 entries under 18 as biggest field in event's history . . . Notice how Florida girls' schools come up with girl champions? . . . Betty Rowland, Rollins College, is 1950 Women's Intercollegiate champion . . . Ohio State retained its team championship . . . Stetson and Rollins, both of Florida, finished 2, 3, in the team scoring.

British Curtis Cup team will practice at Maidstone Club, Southampton, L. I., N.Y. 3 days and at Buffalo 8 days before matches against U.S. women's team . . . Centralia (Ill.) \$1,000, 36 hole Open Sept. 2, 3 and 4 . . . Gallery fee for 1951 National Open at Birmingham Hills CC (Detroit dist.) may be advanced to keep size of gallery reduced for convenience of spectators but total gate at satisfactory figure . . . Won't be long until television income will be a factor in major tournament receipts . . . Television already definite promotion element in golf which is the one sport in which the spectator has to do a lot of the work without seeing many of the shots.

Gunther Brewing Co. angels of \$16,500 Eastern Open, Mount Pleasant CC, Baltimore, Md., Aug. 17-20 . . . Lloyd Man-grum files \$103,000 suit against E. J. Turner and son, in Los Angeles, for damage done when Turners ganged on him last

# Scott's NEW DRY COMPOUND Kills Crabgrass



**NO MIXING**, measuring or fussing with sprayer, use SCUTL just as is!

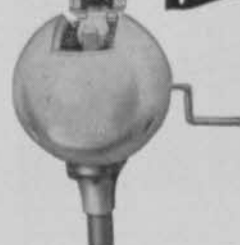
**EASY TO APPLY** with spreader. 10 pounds treats over 3000 sq ft.

**SAFE**, in recommended usage will not harm turf grasses, persons, birds.

Now, thanks to Scott's Research, the endless task of exterminating crabgrass can be accomplished in a breeze with safe, sure SCUTL. Prominent agronomists say, "In our crabgrass control experiments over the past 30 years, none were as outstanding!" Scuttle your crabgrass now before its millions of seeds mature. Write today for prices on your requirements.

**O M Scott & SONS CO**  
Marysville, Ohio, also Palo Alto, Calif.

## STANDARD "Golfball" WASHER



No slushing, splashing, squirting or slopping—  
No pinched, skinned or bruised balls—Has only ONE moving part.

**GUARANTEED**—To give one full year of normal service on any golf course without adjustment or repair.

Order from your nearest golf distributor, or direct. Price \$17.50

Write for new bulletin 503G.

STANDARD MFG. CO., CEDAR FALLS, IOWA

A Proven and Warranted  
Scott's BETTER TURF Product.

# KOSAR DRIVING RANGE TEE



## EASIER FASTER CLEANER

### The ONLY TEE for Driving Tee Mats

Increases range income by speeding up play 25% to 40%

★ Easy convenience adds to player enjoyment ★ Helps keep Driving Ranges cleaner ★ 50% savings over wooden tees.

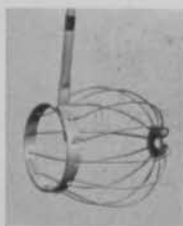
Made of the finest natural black gum rubber—there are no screws, springs or special attachments for installation. Just cut a hole in mat and slip the tee through from beneath. Can be replaced in ten seconds.

Send for Free Sample. Used by better ranges everywhere.

2 sizes: Regular 1 1/2" Longer 1 3/4"

## KOSAR DRIVING RANGE SCOOP

This scoop is a MUST for all driving ranges. Even with an automatic retriever it is still a necessity to pick up the balls in the rough spots; close to trees, fences, etc.



Specially designed and HAND MADE for long wear and light weight, this scoop will hold from one to six balls at a time. LEFT OR RIGHT HANDED. Comes equipped with Steel Shaft and Golf Pride Grip.

Also — DISTRIBUTORS FOR Flexi-Grip — GOLF PRIDE AND KUSHLITE GRIPS.

## KOSAR'S GOLF DEVELOPMENT LAB.

P. O. Box 231 CUYAHOGA FALLS, O.

winter . . . Tom Scott, editor, *Golf Illustrated* of London, wrote Stranahan-Chapman final match in British Amateur "was played at a pace which only can be described as funereal and long before the inevitable end, hundreds were streaming from the scene of the Stranahan-Chapman 'cold war,' some of them telling themselves that if this was big-time golf, the United States were welcome to it."

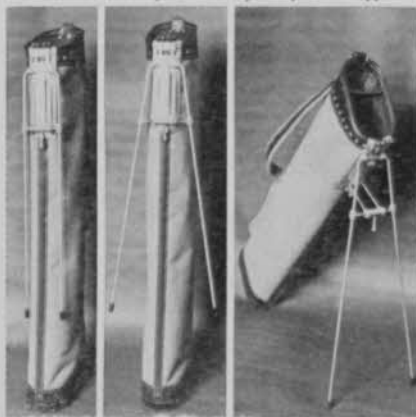
Mangrum's unwitting blunder on the 16th of the play-off round at the National Open wasn't the only costly exhibition of ignorance of the rules in major golf this year . . . Wm. L. (Dynamite) Goodloe didn't know there was no penalty for grounding his club on The Road at St. Andrews . . . Dynamite picked up, thinking he'd incurred a penalty . . . That was in the 5th round when Stranahan beat him, 1 up . . . Pros can make a great evening's entertainment and instruction for members by giving them illustrated explanations of the rules.

Bing Crosby drew more of a gate first day of the British Amateur this year than total gallery income of 1949 British Amateur . . . M. G. (Scotty) Fessenden, ex-pres. Western Golf Assn. recovering from operation . . . E. H. Duwe opens his 9-hole sand green course at Salem, Mo. . . Ft. Worth to have many course for Negroes . . . Alameda (Calif.) many course big-

## "STANDFAST" GOLF BAG SUPPORT

(Patent claims allowed)

AT LAST — A truly satisfactory inexpensive support.



<b>Storing Position</b> Legs Held Firmly Against The Bag	<b>Carrying Position</b> Legs Against Bag No Flapping About	<b>Supporting Position</b> Firm Stance No Slackness
Easily attached to practically all types of bags.	Can't accidentally fold up or become detached.	Can be detached or re-attached in less than three minutes with a ten cent coin.

Streamlined—no protruding parts. Quickly operated with one hand. Has tee holder.

Price—with attaching bolts & eyelets—\$3.25 F.O.B. New York Chicago

Discount to Pros.

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