PRO entry in the Chicago DGA'S \$10,000 Open, the first tournament to be played for benefit of a district association Caddie Welfare fund, has given the event a field of national championship character, according to Bob Harlow, publicity direc-

tor for the tournament.

Where the lively last minute solicitation of entrants is being put on is among amateurs. The district association and pros agree that amateur competition needs stimulation. Chicago, the big town, went small town in soliciting amateur prizes from local merchants just like the Chicken Coop (Kan.) CC passes the hat among the prominent tradesmen to give a lot of the boys merchandise to shoot for when Chicken Coop's big annual tournament is being arranged.

There was some early alarm that the amateur prize list might unduly stir larceny in the hearts of amateur contestants and commercialize the amateur part of the CDGA affair. The USGA looked into it and, seeing no signs of yachts, Hispano-Suizas, penthouses with subsidized hussies, or other rich prizes, waived the hoop-dedoo about the amateur prizes aside, then went out to do some strictly amateur individual sod-busting, unperturbed.

A lawn day program to be part of the four day state college Farm and Home Week at Massachusetts State college will be held Thursday, July 29, at Amherst. Prof. Lawrence S. Dickinson of MSC is in charge of the program and invites all persons desiring to grow better turf and lawns to attend.

Dickinson reports there will be much valuable information brought out in the testimony and prosecution at the trial of A. Lowley Homeowner versus Joe Greengrass. Expert turf growers and greenkeeping authorities will be asked to hurl all the challenges and questions they know at the defendant.

A SMART job of advertising in the form of a booklet which cost comparatively little but which rated chances of about ten to one that it would not find the waste-basket, was issued this spring by Howell & Bell, automobile dealers in Detroit.

The booklet contains an official golf schedule with all dates and tourneys for the Detroit District GA, Michigan PGA, Michigan GA, DD Junior GA, women's district GA, and women's metropolitan GA and was distributed to golfers in only these organizations.

Chicago made sure of permanent, corrosion resisting pipe by using McWane 2 in. cast iron pipe in this downtown park on Michigan Ave.



# Corrosion Resisting CAST IRON PIPE for irrigating Fairways and Greens

No digging up later of greens and fairways when you use Mc-Wane 2 in. cast iron pipe for your irrigating system. No costly leakage.. no maintenance.. no replacements.

Long 18 ft. lengths with modern mechanical joints. High tensile and transverse strengths . . full 2 in. inside diameter . . flexible! rounds curves without fittings . permanent! lasts for centuries. Only McWane makes cast iron pipe small enough for a complete installation that makes your whole system rustproof, ever-lasting. Investigate!

## MCWANE CAST IRON PIPE CO.

Birmingham, Alabama

Chicago, Dallas, Denver, Kansas City, New York, Portland, Ore., San Francisco, Salt Lake City, Los Angeles.



Greenchairmen and greenkeepers listening to Dr. Sprague at Rutgers University turf test plots.

## NICE TURNOUT FOR N. J. FIELD DAY

By C. KAIBY

STORMY weather did not reduce the usual attendance of 200 visitors at the New Jersey Turf Field Day held at Rutgers university, New Brunswick, June 21. Dr. Howard B. Sprague, Agronomist-in-charge, managed

the program cooperatively sponsored by the United States, New York, Metropolitan and New Jersey golf associations.

At 2:30 p. m., Dr. Sprague led an inspection tour of test plots that were plainly labeled for identification and reference.

Following dinner at the Hotel Woodrow Wilson, the first speaker was Thomas C. Longnecker, aid to Sprague in the N. J. Golf Turf Advisory service. In a thirtyminute talk, he summarized his master degree thesis of 115 pages, dealing with the penetration of lime and other nutrients in sod at various times during the season. He found that finely ground limestone put on at rate of one ton per acre, remained mostly in the top inch of turf, 18 months after application. The change in soil nutrients and reaction varies during the season, due to being used by plants when growing. Lesser variations were found in the second, third and fourth inches of soil.

In the latter half of the hour, Sprague gave some interesting points on poa annua culture and control. "The growth," he said, "starts in the fall and reaches maturity the following spring. Around May first, in this locale, is the peak of growth."

Control methods suggested are: seed in late summer with an aggressive type of creeping bent to compete with the natural seeding of the poa annua. Secure good sub-drainage, and apply nitrate (soluble) fertilizers in fall to reduce seed production of this species. A high phosphate content of the soil encourages poa annua. Lead arsenate gives some control.

The meeting was also addressed by Dr. John Monteith, Jr., of the Green Section, covering a variety of subjects.

Monteith said that courses adjoining in communities had the same general problems and principals of maintenance, and differed only in details. On weed control, the best thing to do was to get conditions right for the turf, and adverse for weed growth, which is easier said than Colored lantern slides of views shown took the audience on a golf course tour of the continent, illustrating some 35 courses. One slide showed browned turf that "committed suicide," as Dr. Monteith expressed it. Incidently, Dr. Monteith left on June 26, for a two month trip abroad, touring the courses in the British Isles, Continental countries, and Scandanavia.



## "GRIP-RITE" SHU-SPIKES

PREVENT SLIPPING . IMPROVE STANCE . SAVE STROKES THE PROS' CHOICE because:

easily and quickly inserted by hand (no need of special tools). Can be fitted to any leather sole in a jiffy. Eight sizes, flat or pointed.

BRINGS PROFIT and GOOD WILL

"FOR BETTER GOLF" Try a Set NOW!

LOOK FOR OUR LABEL ON EACH BOX

"GRIP RITE"

SHU-SPIKES

Made Solely by North & Pfeiffer Mfg. Co. Hartford, Conn., - U.S.A.

## GOLF'S MARKET PLACE

Link-Lyon, Inc., Nashville, Tenn., is thoroughly committed to its pro-only policy in the distribution of the Macdonald Smith line of golf equipment. The com-

Smith line of golf equipment. The company has never operated through store dealer or jobber, and the factory manufactures no side line of clubs, confining production entirely to the pro-only items. "This pro-only policy has worked out splendidly for us," says Al Link, vice-president and sales manager, "and we stand firmly back of our statement that Macdonald Smith products shall be obtainable, now and in the future, exclusively through the pro" sively through the pro."

A golf professional may overlook many golden opportunities to be of extra service to members of his club and also to make many additional dollars in the opinion of E. C. Conlin, manager, Golf Ball Department, United States Rubber Prod-

"A good example of capitalizing on this type of service was illustrated by a profriend of mine at a Long Island Club," Conlin explained. "This pro had just sold one of his members a dozen US Royal Arrow balls.

'You saw that fellow who just left,' the golf professional said. 'Well, I've discovered something. I was watching his game the other day and noticed that he was playing a hard-wound championship or tournament ball. He's a good golfershoots around 85 fairly consistently, but a championship ball wasn't the ball he should have been playing. They have to be hit hard and very clean to get all the distance out of them. I talked it over with him and suggested he try the US Royal Arrow, which isn't wound quite so hard. He tried a couple, and you just saw the results. He came in to thank me and to buy a dozen.





Showing a solid length of Bent turf to illustrate its toughness and strength, made possible only by proper preparation of soil.

### CREEPING BENT TURF

Our true Washington Strain Bent in solid turf form makes model greens. Also in stolon form. Withstands drouth like nothing else. Fully guaranteed. Used by hundreds of clubs. Comes in rolls ready to lay down like a carpet. Nursery grown blue grass sod also sold. Write for prices and samples now.

ILLINOIS GRASS CO. Telephone
18455 REIGEL ROAD (Near Chicago) HOMEWOOD, ILL.

"'Since then I've noticed several of my members playing balls that weren't suited members playing balls that weren't suited to them. They were either too hard, or too soft, or too cheap. As a result I've sold more golf balls this month than I've ever sold in a month before. The members seem to appreciate the interest and advice. I don't know why it is that the average good golfer doesn't pay more attention to the ball he plays, but he doesn't. I guess they figure that because the advertisements say such and such a ball is vertisements say such and such a ball is a championship ball they think that means 20 yds. more on their drive, when it really doesn't at all. Actually I have found that in the hands of a golfer who is average and shoots anywhere from 83 to 93. the US Royal Arrow, which is especially compressed for the average good golfer, will give more distance and better feel than a hard-wound championship US Royal Blue. It stands to reason that a ball like the Royal Blue, which is built for pros who hit clean and hard, isn't the ball for the average good golfer.

"'This experience has opened up a swell opportunity for me to help out a lot of my members and at the same time sell more golf balls. I've found that there is psychology in it, for once I've recom-mended a ball to suit the golfer's individual needs, nine times out of ten he

## AND PERFORATOR

AERATION is the thing Loosen up that tough soil with this fine turf conditioner. Saves fertilizer and fungicides. Increases grass growth. Revives sluggish greens. Soon pays for itself.



McCLAIN BROTHERS COMPANY CANTON, OHIO

continues to buy his balls from me.'

"I congratulated this pro for being on his toes," Conlin continued. "I've always felt that the golf professional should be the golf doctor for his members at all times, and here was a good example of it. His recommendation of the Royal Arrow checked with ours, for we have found that for all but about 5% of golfers in this country, a ball of the Royal Arrow type is best for them to play. By recommending what he believes is the golf ball best suited to the player's need, the professional creates more interest in himself. Members appreciate this kind of advice just as they appreciate advice on clubs and play."

Contestants, greenkeepers, club officials and the thousands of paying customers at the National Open were much impressed by the stabilized drives at Oakland Hills CC. No, we're not referring to the tee shots, though they made quite an impression, too. We mean the drives, or roads if you will, that lead into, around, and out of the club grounds.

As the Open drew near, Oakland Hills officials and Herb Shave, the club's noted greenkeeper, realized something would have to be done about the roadways. They were not only badly pitted and



Three Styles of One-Color

## Score Cards

of Excellent Quality are

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Produced by a New Process they are complete and of correct size.

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**NEW YORK** 132-138 Church St.

(Cor. Warren St.)





Stabilized soil so successfully introduced to the Oakland Hills parking lot three years ago (photo right) caused Oakland Hills officials to give the drives throughout the grounds (left) the same treatment in time for the National Open this year, thus leaving the course remarkably free from dust during the tournament days.

worn, but it was realized that under dust clouds of tournament traffic, they would offer a sorry welcome to the thousands of visitors.

Three years ago, Oakland Hills stablilized its parking lot by adding gravel, clay and calcium chloride to the existing materials, mixing them thoroughly, and spreading the mixture uniformly over the area. The result was a smooth, hard, cement-like surface, impervious to rains and dustless during dry weather. And it has staved that way.

Here, then, was the answer to the drives problem, and Oakland Hills went

into action. It was even easier this year than when the parking area was stabilized, for there are now a half-dozen companies in the Detroit area who produce ready-mixed stabilized material. Less than a week before the tournament, one of these producers brought several truckloads of the aggregate-clay-calcium chloride mixture to the club, where it was dumped and spread by hand to 16 foot width and 2 inch depth, and the job was done. In one day!

By the time the tournament opened, the stabilized drives-1,450 square yards of them-were in their way in as good



See Your Dealer About

## **GOLF BALL** WASHERS

Insist on Lewis Washers-for years of service and constant use. Popularity with golfers everywhere has made Lewis Washers standard throughout the world.

Lewis Washers: lots of 1 to 10..\$6.00 Lots of 11 or more.....\$5.50

Complete Tee Ensemble: Washer, tee stake, towel, waste container, tee data plate, towel and ring .. \$10.65

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## Your Members Are Sitdowners!

Most of your members are sitdowners, for officework allows little chance for foot and leg exercise. That's why they complain of tired, aching feet and legs at the finish of a four or five mile trek around 18 holes.



Dr. John Postl's Arch Strengthener and Foot Massager will soothe their tired foot and leg muscles—and quickly too! Its many grateful users attest that fact! Built to withstand plenty of hard use, the Massager measures 5" x 11", is of sturdy aluminum construction, with pliable rubber roller. It sells for only \$3.00 postpaid!

Make certain your members come 'smiling through'—18 holes without foot or leg discomfort. Send check or money order TODAY.

DR. JOHN POSTL 5004 N. CALIFORNIA ST.

CHICAGO, ILL.



condition as the Oakland Hills course, itself.

The cost of stabilizing exceeded that of ordinary loose graveling by only about 25%. Maintenance of the area should not cost over \$50 a year, including the occasional applications of calcium chloride needed to keep the surface dustless and well-bonded.

Club and park officials facing similar problems may want further information on this type of work. Consulting service on stabilized construction, either by plantmix or road-mix method, is offered by the Calcium Chloride Assn., 4145 Penobscot Bldg., Detroit, and its member producers.

Four years ago in the locker-room of the North Shore CC, right after Ralph Guldahl missed a putt that would have given him a tie with Goodman for the Open title, there was a lot of talk about



cen title, there was a lot of talk about tension and such in putting, and in the course of the conversation Dr. Robert E. Dyer, a member, asked the club pro, veteran Alex Cunningham, about how many putts he thought were missed because of critical tension. Alec said tension. Easier were did not seem surprised at this statement because he had been observing the players' tense position in gripping their putters and in an off hand manner showed Cunningham where and why the muscles were taut. He also remarked that it was impossible to have complete sense of muscle control while any muscle or group of

muscles involved was unduely contracted.
This statement registered strong with Cunningham because in his own experience and from comments of many other pros he had the putter was highly injurious to putting results.

And so Cunningham

results.

And so Cunningham, working on a hunch and with helpful advice from Dr. Dyer, devised a new type of putter grip, known as the Cunningham Relax grip. The grip is so constructed that the putter can be held firmly with only slight finger pressure, thus helping to eliminate any tightening and dulling of controlling nerves and muscles, and is built up to conform to the relaxed grip of the left

## BENT GRASS BOTH SOD AND STOLONS

Vigorous, healthy stock that develops fine, true putting surfaces. Write for full information.

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Box 122, Redford Sta., Detroit, Mich.

FOR THE GOLF COURSE

Practice clubs Practice driving devices Practice putting devices

## YOU DON'T HAVE TO WORRY

Now that the season is well under way, you can determine more accurately just what you're going to need for your course, clubhouse or pro-shop. And you can find just about everything you need in GOLFDOM'S pages.

You can depend on these products, because they all come from sound, reputable sources of supply. If you should like information and prices on products you do not see advertised in GOLFDOM, draw a line through items below and mail to GOLFDOM, 14 E. Jackson Blvd., Chicago.

Skeet layouts

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y	Club Position	
lub	***************************************	
(Box course)	movie cameras, projectors	mater softeners
Seeders	Leather preservative Movie cameras, projectors	Water coolers Water softeners
L rough	Hats, duck with vizor Leather jackets Leather preservative	Shower mixers (automatic Soda fountains
fairway green	O racks O cards	Snowers
Cood	Handicap	Rugs-runners for aisles
Sand green equipment Scythes (motor driven)	Grip dressing Grip wax	Oil heaters (hot water) Refrigerators
spiked	Gloves	Mineral water
fairway   green   spiked	Club racks for pro shop	Linens Lockers
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Putting paths (sand green) Resurfacer (Skating Rinks)	☐ Brassies ☐ Drivers ☐ Irons ☐ Matched sets	gin whiskey wine
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······	Calks for golf shoes	Liquora
Playground equipment Pumps (state capacity)	Caddie uniforms Calks for golf shoes	Kitchen equipment Laundry equipment
perforated for drainage water	Caddie badges	Disinfectants Fireworks
Pipe  perforated for drainage	Buffing motors  A.C.  Caddle badges	Deodorants
Peat moss (soil conditioner)	Bookkeeping avatem	Cheese
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putting green tee fairway rough	35   .59   .75	bottle   draught
putting green tee	canvas leather Balls	Beer
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Hole rims (putting cups) Hole rims (sand green)	of for greens for fairways	Underwear
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Arsenate of lead Bag racks for tees Ball-Spot marker Ball washers Bent grass stolons Bookkeeping systems Brown-patch preventives Charcoal (soil conditioner) Clamps, for pipe leaks Compost distributors Compost sterilizers Containers, waste	greens fairway	Shoes
Charcoal (soil conditioner)	Sprinklers	hickory steel
Brown-patch preventives	Spike discs	Shafts
Bent grass stolons Bookkeening systems	Sprayers   barrel pump   power engine Spike discs	Rain jackets Score cards
Ball washers	Sprayers	cups trophies
Bag racks for tees	Soil shredders Soil testers	Prizes
Arsenate of lead	Sod cutters Soil screeners Soil shredders	Practice putting devices
FOR THE GOLF COURSE	Sod cutters	Practice driving devices

## Good Turn

Do yourself, your club and GOLFDOM a good turn by tearing out this page and returning it, filled in, to 14 E. Jackson Blvd., Chicago.

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hand. The right hand grip is automatically taken care of by its natural overlapping position. Wrist roll is also eliminated with the Cunningham grip putter, and this factor will do much to strengthen many putting strokes weakened by slight turning or twisting at the moment of impact.

Professionals who have been testing the

Professionals who have been testing the putter have been enthusiastic in their comment; so much so in fact that Spaldings are now making up some sample putters with the Cunningham Relax grip.

Coming from a conservative outfit, the New England manufacturers of the Acushnet golf ball, there was sharp surprise to the Acushnet advertising challenge sprung this season—"The Best Golf Ball You Ever Played—Or Double Your Money Back." Even the steady progress which Acushnet has made in five short years, left the company unprepared for the advance in sales which this challenge

has given to their product,

Over 42% ahead of last year's sales by
the time the first advertising announcement broke, the factory at the moment is
working day and night to keep up with
orders. In addition to the advertising plan to the public a cash prize competition for the pro has resulted in making

new friends.

Within the first two weeks of the prize announcement to the professional for his part in supporting the advertising plan, over 236 entries were received by mail alone.

Colvin Co., 28 E. Jackson Blvd., Chicago, is receiving considerable business on its Irrigator from greenkeepers who are

having good results from the Colvin Irrigator's watering of roots of trees, shrubs and plants. The Irrigator is a 36 in. hollow brass tube with a water outlet at the lower end and a cast bronze water control valve at the top. It is attachable to standard garden hose.

The device aerates and cultivates as well as irrigates and by the depth of its



irrigation makes it possible to safely transplant small trees and shrubs during hot weather. Complete details may be secured from the Colvin Co.

Pro with successful experience in greenkeeping and first-class record of service at north central clubs wants winter location. Will be available Nov. 1 and will work either as first pro or assistant. Widely walls winter location. Will be available Nov. 1 and will work either as first pro or assistant. Widely and well known in sections where he has been as pro and is an energetic business-getter. Highly rated as instructor and businessman. Thoroughly reliable and loyal. For complete details, write: Ad 703, % Golfdom, Chicago.

Golf Professional, Greenkeeper and first-class Teacher; expert on greens; who has successfully managed present club as General Manager for past five years; is available for immediate connection. Write: File 2187, % Golfdom, Chicago.

Couple desires management of first-class club, progreenkeeper, hostess-cateress; 20 years experience, responsible, excellent references as to qualifications and character; pleasing personalities, Address: Ad 701, % Golfdom, Chicago.

For Sale-One No. 400 Yeomans motor-driven centrifugal pump, practically new, used only one season, Will sacrifice. Fargo Country Club, Box 1710,

## Classified Ads

Greenkeeper with national reputation for high-class maintenance at moderate figure now is open for engagement. Politics reason for change. For last eight years greenkeeper at Keller Park, St. Paul, Minn. This course scene of seven St. Paul Opens, National P. G. A. and National Public Links champlonships. Each time the course was lauded for perfect condition. Maintenance in great condition despite heavy play is a real achievement in golf course operating. Highest references. For full de-tails write: Ad 700. % Golfdom, Chicago. Greenkeeper with national reputation for high-

Patented Six-Ball Washer—World known; great demand in U. S. Marvelous opportunity for firm interested in manufacturing this device. Superior to all other ball-washers on market. Immediate sale assured. Communicate with Captain L. Signorini, Hotel St. Moritz, New York City.

Experienced and responsible golf course operator desires to lease 18-hole golf course. Northeastern United States preferred. Financial responsibility guaranteed. Address: Ad 702, Golfdom, Chicago.

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**JULY, 1937** 



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