Hundreds of clubs are using Ederer Nets the liven each day's activity and lengthen the season's span.

For little cost they are doing a whale of a job, and a popular one in providing the answer for crowded play and instruction, for practice and the warm-up before the round.

Compact, easy to install and move.

EDERER'S "INVINCIBLE" NETS are made for golf, tennis, badminton, volley ball and other sports.

Write For Folder and Price List

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Kaddie Kart

NOW READY FOR DELIVERY!
INCLUDING ALL REPAIR PARTS

Ball Bearing wheels, grease reservoirs good for 2 to 5 years. Light durable construction capable of withstanding hard use, neglect and abuse. All parts interchangeable and easily repaired. Ideal for rental fleets. Long axles, 28½" wheel base for hilly courses and 22½" for flat courses. Feather tip patented balance. Proven invincible and the choice of nearly every golfer. Write for full details including price and state number you want. We will finance your fleet if necessary.

NEW KARTS
NOW READY FOR DELIVERY—in any quantity on 24-hour notice.
BUY DIRECT From Factory

PATENTS
Kaddie Kart patents cover the principle of balancing the weight of the clubs and bag over the axle. No other device can use this principle and you can get this balance that eliminates all weight carrying only in a genuine Kaddie Kart. Patent suits are now pending in the Federal Courts to protect these principles.

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GOLF CART SUPPLY CO.
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Address _________________________
City ____________________________ Club Name ____________________

September, 1946
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SHOP SUPPLIES

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FORM-A-COAT . . . Puts a professional finish on whippings. Forms a cap on ends of clubs.


GOLF CLUB LACQUER . . . Protects the finish on wood heads. Easy to apply. No equipment needed; not even a brush. Dries in an hour.

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Kenneth Smith
GOLF CLUBS
Hand made to fit you
BOX 41, KANSAS CITY 10, MO.

THE CLUB SITUATION: We are now filling orders for sets of woods and irons received many months ago. Sorry we can't give rush service.

work of a State-Wide Turf Advisory Committee.

Accomplishments of the trip may be summarized by saying simply that the objectives were reached. The reception of the Green Section representatives was most cordial and enthusiastic. Satisfactory conclusions were reached on most of the problems discussed. A better understanding exists today among all groups represented because of the frank, open discussions which were directed solely toward the common goal: Turf Improvement.

The Grau-Noer tour was without cost to the cooperating groups. The USGA budget was set up to allow this travel to serve golf throughout the country by improving playing conditions and to acquaint non-member clubs with the value of USGA Green Section service as well as to show the wisdom of participating in USGA memberships. The Goldthwaites and Bob Dunning did a grand job of organizing the Oklahoma-Texas meetings and set a pace for other sectional groups that can have the same sort of sessions by making requests in plenty of time to allow arrangement of travel schedules of the Green Section experts and Noer, and by making thorough provisions for participation in their respective territories.

Howard Davis Honored for 25 Years as Ridgemoor Pro

Ridgemoor CC (Chicago District) honored Howard R. Davis, its pro for 25 years at a Silver Anniversary party which was featured by a Saturday afternoon golf tournament and an evening dinner which was the best attended affair of the club's many banquets. Davis was presented with a new automobile as evidence of the members' gratitude for the faithful, competent and cheerful service he's given to them and their guests. Howard came into golf in 1907 as a caddy at the old Calumet CC, 95th and Cottage Grove Ave. Chicago. In 1914 Howard and some of his pals walked from Calumet to Midlothian to follow Walter Hagen in the Hague's first national triumph. It was a round-trip jaunt of about 35 miles.
Howard has developed many fine pro and amateur golfers. Despite having had for years one of the most crowded lesson calendars of any pro in the country, Davis, in the few rounds of golf he does get to play, still bats around in the low 70s. Of his 5 children 3 sons recently have been in war service. Some years ago Davis was quite a track athlete in the Chicago district, especially in sprints. He still keeps in training and neither drinks nor smokes.

SPALDING'S NEW BOOKLETS—The new Spalding Sports Show Book for 1946 is now available for distribution. Last year almost half a million copies of the 1945 edition were distributed and, from present indications, interest is even greater this year. The new edition contains an array of famous figures and facts which have made sports history. These are cartooned in the inimitable style of Willard Mullin. These books for pro shop distribution will be supplied free by A. G. Spalding & Bros., adv. dept., 19 Beekman Street, New York 8, N. Y.

Spalding also has a new booklet on its dealer policy which is available on request.

PHILLIPS Golf SPIKES
"THE SPIKE OF CHAMPIONS"
Solid Steel Spike and Receptacle. Boxed refills now available for pro shop replacement service. 100 Detachable Spikes to the box.

PHILLIPS Golf Spike WRENCH
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SEASIDE COCOOS
TRIPLE A ASTORIA
COLONIAL VELVET

Write for prices on above, and other varieties and mixtures of grasses

FOR YOUR TURF
2-4D WEEDKILLERS
Karmex Tufor Weedone
Brown Patch Remedies

We will have Mowers, Sprinklers and all types of Golf Course Equipment as they are made available.

Write Us For Special Golf Circular

Stumpp & WalterCo
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Valuable around pro shop and for clubhouse repairs. Smooth, steady power for work on metal, alloy, plastic, wood, horn, bone, glass, etc. 25,000 r.p.m. AC or DC. Easy to handle, weight only 12 oz.

GET THE HANDEE KIT—Handee and 45 most popular accessories in compact steel carrying case. Complete, postpaid, $27.50. Handee, with 7 Accessories, $20.50

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LAWN SINOX for the control of clover and weeds in bent greens, and crab grass in blue grass without discoloration.

WEEDONE for the control of Dandelion, Plantain and Buckhorn in blue Grass areas; little discoloration. Weedone is the new 2,4-D Weed Killer.

Effective, inexpensive. Write for prices and directions.

PAUL E. BURDETT
Seeds—Fertilizers—Golf Course Supplies
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Golf Ball Marker

No type to bother with! "BALLMARK" comes complete with player's name in metal type. EASY TO USE. Impresses inked type INTO golf ball. Extremely compact and appealing. Each "BALLMARK" made to order. . . delivery in five days from receipt of order. Entirely new, different and practical. Get our display material . . . put it where it can be seen . . . you'll sell hundreds of these fine ball markers.

Display Cards Furnished FREE
They Sell "BALLMARK"

HOLIDAY PRODUCTS CO., DAYTON 1, OHIO

U.S. ADDS BALL PLANT—To increase the output of golf balls and rubber heels, United States Rubber Company is adding to its production facilities a Newport, R. I., plant located in a former school building. About 100 men and women will be employed. The work in Newport will consist chiefly of trimming, finishing and golf ball winding. The rubber compounding, molding and other preliminary processes will take place in the company's plant in Providence, R. I., which for many years has been producing golf balls and heels.

The company selected Newport as the site for its new branch because of the availability of workers in the community. This will be the company's third plant in Rhode Island. More than 1900 men and women are employed in Providence.

PLEXIGLASS IN BURKE WOODS—Top-line Burke woods now reaching the market have face insets of plexiglass, announces Burke Golf, Inc., Newark, O. Plexiglass is the extremely rugged, transparent plastic developed during the war to replace glass in combat airplanes.

Although plexiglass is extremely hard, it does not become brittle. It is weather-
proof, waterproof and will not chip, crack or break. Burke says plexiglass gives the striking surface of a wood golf club an extremely hard surface which adds new “crispness” to shots. The lines tooled into the surface of the inset keep their sharp edges longer so accurate control of the ball is retained. Plexiglass combines outstanding eye-appeal with utility. The transparent plastic makes an inset of unusual beauty.

**Berg Wins $5600 with Women’s Open Championship Title**

Patty Berg won the first Women’s National Open golf title with a 5 and 4 victory over Betty Jameson in the 36-hole finals at the Spokane CC. Patty drew $5600 for her triumph and Betty got $3100 as runner-up. Ben Hogan had won $3500 prize money in taking the PGA title at the Portland CC the week previously. Patty drew second richest golf tournament prize money of the year; the richest win being the $10,500 Herman Barron received at the All-A-May-rican. Patty finished third (after Zaharias and Jameson) in the George S. May women’s event and for that got $300 in war bonds (maturity value). Total prize money for the first Women’s National Open was $19,500. The event was sponsored by the Spokane Athletic Round Table. Amateur placing in the prize list, when it happened to call for more than the USGA $100 war bond limit, put the difference going to the Women’s Professional Golfers Assn., which is headed by Betty Hicks and Hope Seignious. Galleries were not large. Loss of Babe Didrikson Zaharias as a drawing card after a first round 3 and 2 upset by Grace Lenczyk seemed to be painfully felt at the gate.

**New Outdoor Lighting Unit for Golf**

Golf clubs planning new or improved outdoor lighting for parking, pools, dancing, etc., facilities, and operators of driving ranges will be interested in a new unit

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**GREEN HELP! is no handicap!**

Don’t worry about inexperienced help. Keep your turf green and free of dollar spot and brown patch with Du Pont TERSAN,* formerly called Thiosan.

**Wide Margin of Safety.** TERSAN fungicide is non-mercurial and contains no metals. Doesn’t yellow, shock or retard growth when used properly. Disperses readily in water; just spray it on.

Du Pont also supplies SEMESAN* or Special SEMESAN,* mercurial fungicides for turfs. Order from your supply house.

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Semeion Division, Wilmington 98, Delaware

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is the best time for SEEDING

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| CHEWINGS FESCUE | FANCY RED TOP |
| ASTORIA BENT | PERRRENIAL RYE GRASS |
| SEASIDE BENT | DOMESTIC RYE GRASS |
| WHITE CLOVER | ORCHARD GRASS |

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The
DU BOW
TRADEMARK
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identifies
FINE GOLF CLUBS

Featuring
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CHAMPIONSHIP CLUBS
DESIGNED FOR BETTER SCORING
J. A. DUBOW MFG. CO.
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FULNAME MARKING
makes your Golf Ball
unmistakably yours—
Yours truly,
THE FULNAME COMPANY
Cincinnati, Ohio

being made by Revere Electric Mfg. Co.,
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of spun steel, porcelain enameled, this new
unit now made of all aluminum offers
greater reflective efficiency, combined
with light weight to lessen the burden
upon the mounting mediums. All ad-
justments are on the right side per-
mitting servicing from one position. All
adjustments have degree markings for pre-
setting and preserving the setting. Re-
flexor and neck rotate in socket hood and
lock in place by means of a single set
screw. Reflexor can be removed for clean-
ing without disturbing the socket or wir-
ing or the setting. Unique socket hood
permits rotating floodlight right or left
offering a 360 degree horizontal adjust-
ment. Available for 300, 500, 750, 1000
watt General Service lamps of 400 watt
base-burning Mercury lamps. The new
Revere Eliptor is streamlined throughout
to present a neat, pleasing appearance.

BURKE'S PLASTIC RAINCOAT—A
new rain jacket made of transparent
plastic and called the "Burkote" is now
in production, announces Burke Golf, Inc.,
Newark, O. The "Burkote" is a hip-length
coat designed along generous lines so that
it may be slipped on over ordinary ap-

Golf's Top Strains of Creeping Bent Stolons
at no increase in prices!

To our best knowledge we are the only commercial creeping bent growers offering
this fall the following outstanding strains of fresh, virile stolons less than one
year old.

C 7, C 19 CONGRESSIONAL and C 52 OLD ORCHARD

There's no inflation in our prices! . . . they remain the same as in the past five
years: $25 per thousand square feet planting area, chopped and sacked, F.O.B.
Madison, Wisc. A thousand feet comprises 10 full bushels, packed in 5 bags.

INFLATION ENDS and BETTER GREENS BEGIN with OLD ORCHARD's
preferred strains.

Lively demand for our limited crops suggests early order.

OLD ORCHARD TURF NURSERIES
Established in 1927—Our 19th Year
R. R. Bond, Prop. Box 350 Madison 1, Wisconsin
THE GREENS ARE THE FOUNDATION OF ALL SUCCESSFUL GOLF COURSES
parel. In its manufacture improved plastic materials are used which give the garment extremely long life. This plastic has a "soft" feel and lacks all tendency to crack. It will not stick to itself even when wet and will not become brittle. The front of the jacket is fastened with snaps held in a wide tape reinforcement. Burkotes are being made in a variety of colors. A matching babushka is also available. Retail prices are moderate.

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Parade of Top-Flight Golf

IN ONE . . .
Sensational Sports Short!

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GOLF TOURNAMENT
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Greens Maintenance Systems
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Forms for Locker and Dining Rooms and for the Professional.

Samples to your club for the asking.

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PADDY SAYS:
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It's LEWIS"
Yes, Lewis is the golf ball washer that every course should have at EVERY TEE! A clean ball means FEWER LOST BALLS — FASTER PLAY — LONGER DRIVES — MORE ACCURATE PUTTS.

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Milwaukee 14, Wisconsin
Phone: Greenfield 6720

September, 1946
Lime
(Continued from page 18)

phate availability. Ground limestone can be applied in quantity without producing these effects.

Rate of Application

Soil texture and kind of grass affects the rate for applying lime. It takes less lime on a sandy soil than on a loam or clay soil to produce the same change in pH. Kentucky bluegrass requires more lime than fescue or bent grass. Three factors, beside pH, are taken into account in Table I for the use of lime on fairways. The rates are for finely ground limestone. They should be increased by 25 to 50 per cent for coarser material. But the rate for hydrated lime should be reduced by 25 to 30 per cent because 70 pounds of hydrate are equivalent to 100 pounds of pure lime carbonate in neutralizing value.

The use of lime on greens should be based on reaction. A finely ground material should be used and a dolomite of high magnesium content selected when a

<table>
<thead>
<tr>
<th>pH Value</th>
<th>Degree of Acidity</th>
<th>Rate in Pounds per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>Neutral</td>
<td>Blue Grass and Bermuda</td>
</tr>
<tr>
<td>6.3-7.0</td>
<td>Very Slight</td>
<td>Sands and Sandy Loams</td>
</tr>
<tr>
<td>5.8-6.2</td>
<td>Slight</td>
<td>Loams and Clays</td>
</tr>
<tr>
<td>5.3-5.7</td>
<td>Medium</td>
<td>Fescue and Bent Grasses</td>
</tr>
<tr>
<td>4.8-5.2</td>
<td>Strong</td>
<td>Sands and Sandy Loams</td>
</tr>
<tr>
<td>4.0-4.7</td>
<td>Very Strong</td>
<td>Loams and Clays</td>
</tr>
</tbody>
</table>

Fall, winter and early spring, are the best times to apply lime. Ground limestone can be applied at any time, but it is unwise to apply hydrate in excess of 1000 pounds per acre on fairways in summer. The rate of hydrate on greens should not exceed 5 to 10 pounds per 1000 square feet when the turf is in active growth, and then it should be watered-in promptly to prevent any possibility of scorching the grass. Hydrated lime should never be applied immediately before, or right after, using a fertilizer containing compounds of ammonia, such as ammonium sulfate, ammo-phos, or ammonium nitrate.

When soils are strongly acid, lime should be applied as long as possible before fertilization with soluble phosphates. Otherwise the phosphate may be fixed in the soil as relatively unavailable iron and aluminum phosphate.

<table>
<thead>
<tr>
<th>Soil Reaction</th>
<th>Limestone Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.0 to 4.5 pH</td>
<td>60-80 Pounds</td>
</tr>
<tr>
<td>4.6 to 5.0 pH</td>
<td>40-60 Pounds</td>
</tr>
<tr>
<td>5.1 to 5.5 pH</td>
<td>20-40 Pounds</td>
</tr>
<tr>
<td>5.6 to 6.0 pH</td>
<td>10-20 Pounds</td>
</tr>
<tr>
<td>6.0 to 6.5 pH</td>
<td>0-10 Pounds</td>
</tr>
</tbody>
</table>

TABLE II

Rates for applying Finely Ground Limestone to Greens

PLANNING IMPROVEMENTS? — REPLACEMENTS? — ADDED FACILITIES?

Have the information handy on the latest equipment and supplies when planning your requirements for the big year ahead. See page 61.
fields, parks, home lawns, golf courses, cemeteries and similar areas.

"Hundreds of thousands of acres are planted to turf in California for these various uses, and the necessity for an authentic source of help and research, covering grass selection, fertilization, insects, disease, weed control, drainage, soil structure, erosion problems, etc., has long been recognized.

"Turf in California is an asset that represents hundreds of thousands of dollars in its production and maintenance and is the means of the livelihood of many people. It involves the expenditure of millions of dollars of supplies and equipment, such as irrigation systems, seed, fertilizer, sprays, hose and other construction necessities, as well as sports playing equipment.

"In Southern California we have approximately 60 golf courses of 9 or 18 holes each. This represents at least 6000 acres in golf turf alone.

"The costs of maintaining these recreational fields are equitably distributed according to the tax-paying brackets. Those in the higher income brackets pay the costs of the private club maintenance and the hundreds of thousands of citizens of average means bear their share in their payment of green-fees at the public and semi-public courses.

"The Southern California Golf Assn., representing the private clubs, have expressed their whole-hearted endorsement of our proposal to you. Players on the public and semi-public courses likewise have endorsed our proposal. Many of them too have been on courses in other parts of the country where beneficial results of turf research cooperation between university scientists and course

Golf Trophies
Cups, Awards
Style shown is No. HW7SM. Height 9 1/2". Gleaming Sunray fin-
ish metal on genuine walnut base with MALE or FEMALE Gold Plated figure. Specify Date When Ordering.
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R. H. Tractor Wheel SPUDS
quickest to put on or take off. Increase tractor effi-
ciency and cultivate turf that’s why more than half the U.S. and Canadian clubs use them. Durable and low priced. Sample spud and circular on request; advise make of tractor and purpose for which intended. Immediate shipment. If your Ford or equip-
ment dealer cannot supply, write direct to
R. S. HORNER
Geneva, Ohio
MFR. OF SPUDS, FORD SON WHEELS, ETC.

Creeping Bent Stolons AT NO INCREASE IN PRICES
C 52 Old Orchard C 19 Congressional C 7 Strains
No sod or left over bent. Every stolon fresh, virile stock and less than one year old. True to strain, no mixture of other bents or grasses. No weeds—not even clover.

Every shipment carries state inspection certificate.

Old Orchard Turf Nurseries
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THE GREENS ARE THE FOUNDATION OF ALL SUCCESSFUL GOLF COURSES

September, 1948
superintendents have resulted in improved playing conditions with reduction in operating costs.

"The tremendous advertising asset Southern California should have in superior turf for sports, home, decorative and commercial purposes, already has been exhibited at certain golf courses in this region. This has been a definite factor in attracting energetic people to Southern California; first for winters and now for all year. The problems of establishing and maintaining such turf are numerous and in many cases peculiar to this section. They are problems that call for the organized and closely coordinated research that we request in connection with the establishment of a turf experiment station at UCLA.

"We trust that you will take favorable action on our request in providing Southern California with a turf development program of the character and extent now being conducted successfully, and with pleasure and profit to taxpayers, in other states."

The association also submitted an outline of the proposed program.

George Harrington Returns to USGA Green Section as Asst. Director

George Harrington, who's been renewing his acquaintance with the personnel and problems of greenkeeping, as asst. director of the USGA Green Section, has been splitting with Director Fred Grau the vastly enlarged travel and personal service program of the section. Harrington was with the Green Section from 1931 until May of 1941 when he went into the Army Air Force. For some time he