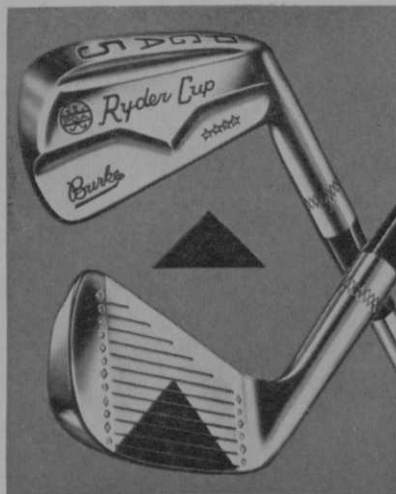


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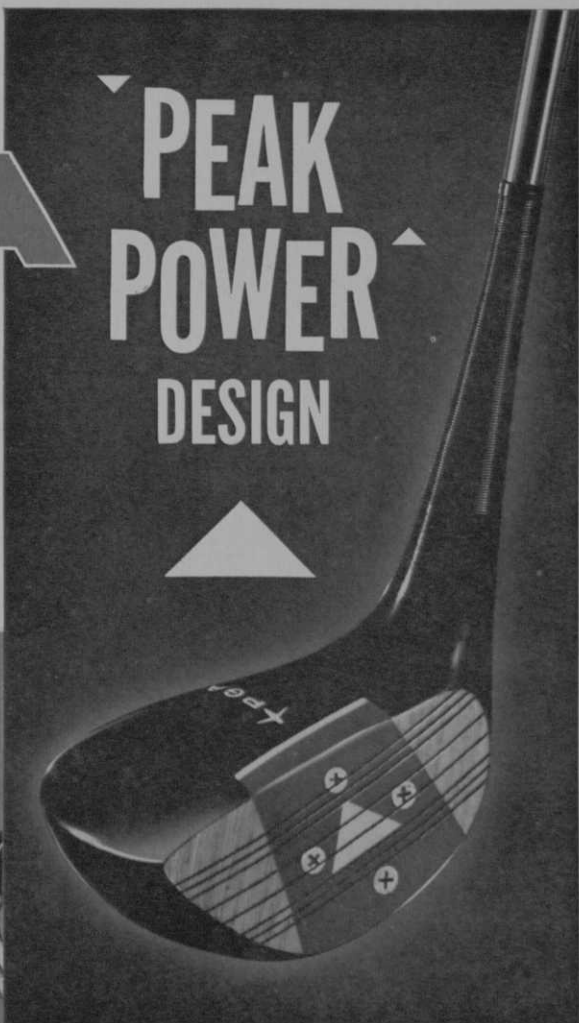
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GOLF BOOKS

SECRETS OF THE PERFECT GOLF SWING. By Phil Galvano, Prentice-Hall, Inc., Englewood Cliffs, N. J. \$3.95.

Phil Galvano's "Secrets of Accurate Putting and Chipping", published a few years ago, still is selling well, according to the publisher who fervently hopes that this one catches on half as well. In his new book, Galvano lays down two principles for hitting a ball long and accurately and then develops his themes from there. Accuracy calls for the inside-outside clubhead blow. Length calls for the generation of maximum clubhead speed at contact. After these two points are established, Galvano goes on to tell why they work and how they can be made to work. About 60 photos are used to illustrate what he is driving at.

KNAVE OF CLUBS. By Eric Brown. Published by Stanley Paul & Co., 178-202 Gt. Portland St., London W1. Price \$2.50

Eric Brown has won all four of his singles matches in Ryder Cup competitions, defeating Mangrum, Barber, Bolt and Middlecoff. With his partners he has shared in defeats in all four of his Ryder Cup doubles, each of them by the largest losing margin of the contending British teams. He won the Scottish Amateur championship in 1946 when he was 21 and working as a railroad fireman. He turned pro the same year.

Brown presents a running report of his career and tries his worst to pretend he is a poor mannered crybaby who gloats in victory and blames somebody else for gamesmanship or being lucky when he is beaten. But that's merely an act of being a tough, foul tempered guy. He really is a pleasant fellow and an honorable sportsman.

There is one especially strange line in Eric's book. He says: "To the best of my recollection I have had a hole-in-one only five times." Can you imagine a fellow who relates details of many short putts not being able to remember clearly any of his aces?

I AM A GOLF WIDOW. By George Houghton. Published by Country Life Ltd., 2-10 Tavistock st., Covent Garden, London WC 2. Price \$2.75.

This is the 11th book in the Golf Ad-dict series written and illustrated by the talented and entertaining George Houghton. George is the best of the golf caricaturists. The only artists we have in George's class is Mel Keefer who draws the Mac Divot strip. Houghton is golf nutty himself and his insight of golf and golfers have made his books golf's best sellers in Britain.

The present book is intended to be a peace offering to the golf widow by showing her what's she's up against. It is an amusing story told by a golf widow, as Houghton imagines her.

GOLF AS I KNOW IT. By Willie Ogg. Published by Vantage Press, Inc., 120 W. 31 st., New York 1. Price \$2.75.

The late Willie Ogg, among his many duties for the good of golf and golfers in his long career, was a lecturer on golf instruction at PGA schools for assistants. This book presents Ogg's talks to young pros on the essentials of golf instruction. His remarks on analyzing the pupil and his physical and mental qualifications and handicaps, on basic training in grip, stance and swing, on diagnosis and correction of faults, club fitting and other problems, make a practical framework for training of the assistant.

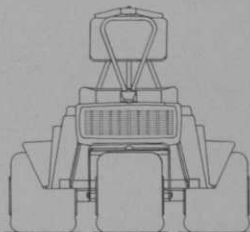
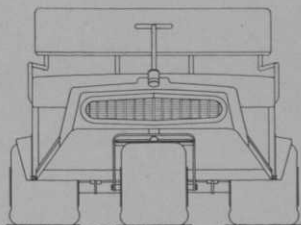
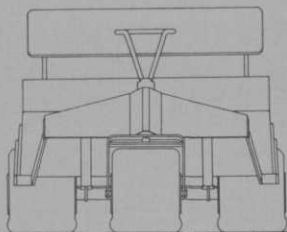
Bob Russell of the PGA wrote the "Fore! Word" to this book of the lamented Carnoustie veteran who worked in U. S. golf for 45 years.

THE GEOMETRY OF GOLF. By Wm. A. Tripp. Published by Vantage Press, Inc., 120 W. 31st st., New York 1. Price \$2.50.

This small book written by an engineer gives an explanation of golf fundamentals from the mechanical viewpoint. Interesting aspects of the grip, the plane of the swing and the axis of the pivot are presented. There isn't anything revolutionary nor are there great "secrets" in the book. It is an engineer's interpretation of what the successful teaching pros teach.

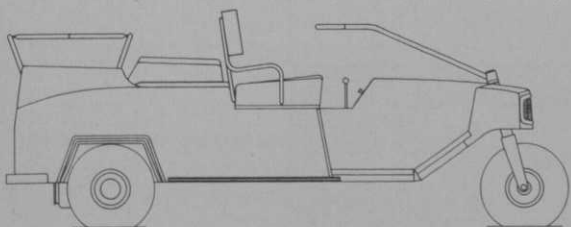
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Mike Dietz, pro at DeLand (Fla.) G & CC, says his clubs with a membership of less than 200 has 14 lefthanded golfers. That is probably the largest percentage of left-handers of any club in the country. Mike, his wife, Helen, and brother, Jack, run an invitation tournament for southpaws.



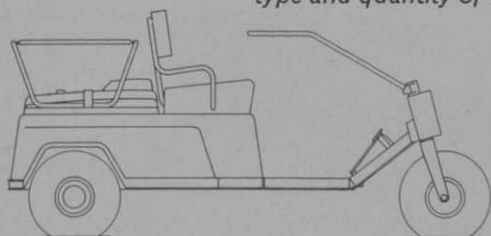
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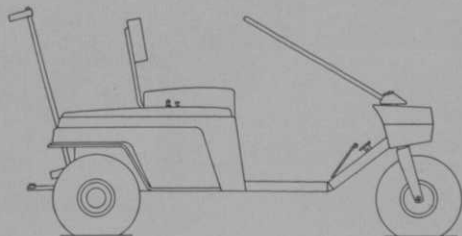
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Yours very truly
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P.S. We are hoping next spring to re-equip our regular nine hole course with new markers.

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The Valley Country Club
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Plasti-Markers, Inc. July 15, 1961

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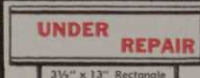
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Overseeding Bermuda Greens

Location Is Important Factor • O. J. Noer

Tests at Sea Island • T. M. Baumgardner

How It's Done at DeSoto Lakes • Jack Bernard

Some Observations by Ray Jensen

(Articles start on Page 68)



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Location Is Factor in Choice of Grass Selection

By O. J. Noer

Bermuda greens have been overseeded with domestic rye for many years. Ability to survive cold weather has been one of rye's virtues, especially in the region from Central Florida on north. The odd blanket of snow in the belt west from Virginia and North Carolina has never hurt the rye. It has stayed green and resumed growth after the snow has melted.

In recent years it has been a problem to get a stand of rye in South Florida when winter play was started right after the Christmas holidays and after seeding was carried out at Thanksgiving time. By then the fall rainy season was over, weather became less humid and temperatures more moderate. Now winter play is started early in Nov. That means earlier seeding — when the weather is apt to be hot, wet and humid. Under such conditions, damp-off, caused by pythium, may take a terrific toll.

Adjusted to Climate

Seeding procedures have been adjusted to local climate and weather. Although rye, once established, will take a lot of cold weather, seed will not germinate when it's cold. So in the northern parts of the South it becomes necessary to produce good grass cover while weather is favorable for seed germination. Greens are seeded once at 50 to 100 lbs. rye seed per 1,000 sq. ft. In the deep South germination is no problem so clubs are prone to rely on split seeding because of the damp-off disease danger. They may seed two or three times, at 7 to 14 day intervals, and use 25 to 40 lbs of seed per 1,000 sq. ft., each time.

Tender initial growth is typical of all plant seedlings. Rye is especially bad. Tenderness is accentuated by abundant water and a plentiful supply of nitrogen. That is the secret of crisp, tender lettuce and celery. Phosphate and potash, especially, tend to foster a sturdier type of growth. Practices which promote sturdiness will minimize damp-off and help make pre-seeding fungicide treatments more effective.

Fertilizing Can Be Delayed

Basically it involves using phosphate and potash only at seeding time. Rye seed is one of the larger grass seeds. It contains enough nitrogen to start seedling

growth. There is time enough to begin the use of nitrogen fertilizer two to three weeks after seeding. The soil during germination should be moist but not wet. This may involve light syringing, usually not more than 10 minutes to a green, several times a day, during hot, windy spells of weather. Some go so far as to exclude or include a minimum of organic matter in the topdressing used after seeding to reduce the hazard of over-wetness.

Rye is still best for greens of common Bermuda. On the new fine textured Bermudas, such as Gene Tift, Everglades, and Tiffine (Tifton 328), other cool season grasses are being tried and will supplant rye. They produce putting surfaces more like bent greens and are preferred by northern golfers who go south for all or part of the winter.

Good Initial Cover

Although there have been excellent winter greens over-seeded with a mixture of Kentucky blue grass, red top and bent grass there may be an even better combination. The problem is to find something that will provide good initial cover and mask poa annua when it is a problem. Cost must be within reason.

Poa trivialis may be one of the answers and preferable to red top. It germinates quickly, covers rapidly and masks poa annua better than any other grass. Its ability to cope with pythium is not known because the disease so far has not been virulent where poa trivialis has been tried. Pennlawn and Illahee fescue germinate very quickly and make excellent putting surfaces. When these are used alone, high seeding rates are necessary and hence rather costly. They do not mask poa annua. Their place would seem to be in mixtures with poa trivialis and bent, possibly along with some Kentucky blue.

Overseeding Trials

In the overseeding trials established cooperatively by the Milwaukee Sewerage Commission and East Lake CC in Atlanta and at Sea Island for two years, and Ponte Vedra for one season, the best plots have been the ones containing poa trivialis and Seaside bent together or in combination with Kentucky blue and/or fescue. Penn-

(Continued on page 118)

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Best Combinations Sought in Sea Island Tests

By T. M. Baumgardner
Sea Island (Ga.) GC

For the past two years we have been cooperating with O. J. Noer and Charlie Wilson of the Milwaukee Sewerage Commission in running 25 overseeding test plots on the margin of one of our regular greens. Grasses used in these plots, both individually and in various combinations and at various rates, have been: Domestic and perennial rye, Seaside, Penncross, Highland and Astoria bents — poa trivialis-Redtop-Pennlawn Fescue and Kentucky blue. While results of the tests cannot yet be considered conclusive, we think we have learned a lot. Tests will be continued again this year.

The finer textured grasses in these tests which have appeared to be the best, either individually or in various combinations, have been Seaside and Penncross Bent, poa trivialis and Pennlawn Fescue.

Slow to Catch On

At Sea Island, grasses other than rye did not develop fast enough in the fall to provide satisfactory color and density in Dec. and Jan. when our Bermudagrass normally is dormant. We have important tournaments during these months and we must also compete with South Florida resorts, so we feel we must still use some domestic ryegrass because of its earlier development.

For the past two seasons we have overlooked our 27 (328) Bermuda greens with a combination of poa trivialis, Seaside Bentgrass and domestic. Our superintendent, Marion McKendree, uses the following renovation and seeding methods:

Preparation and Sowing

In mid-October greens are seeded with two pounds each of Seaside Bent and poa trivialis per 1,000 sq. ft. The seedbed was prepared by aerifying the greens with ¼-inch spoons and at time of seeding they were verti-cut fairly severely in at least two directions and thoroughly spiked with a Wolfram 3-gang spiker. The greens were then lightly topdressed, seed sown and lightly matted in. Daily hand-watering was practiced until seed was well up. A fair stand of the two grasses was obtained in three weeks.

Fungicides were applied only when weather conditions were favorable for fungus development.

Didn't Thin by Verti-Cutting

After an interval of three to four weeks, domestic rye was planted at the rate of 40 to 50 lbs per 1,000 sq. ft. Greens weren't verti-cut for this ryegrass planting because we thought this would tend to thin the stand of poa trivialis and Seaside. The greens at this time were thoroughly spiked with a 3-gang spiker, seeded to ryegrass and topdressed lightly. Fungicide consisting of Captan and Actidione was applied after seeding in an effort to hold down damping-off in an effium. Greens were kept in play continuously with mowing height raised to ½-inch for two weeks for the ryegrass seedlings.

Weather Has Helped

We have had uniformly excellent greens for the two seasons we have followed this seeding procedure. However, weather conditions have been favorable and results may not be as good in a season when the weather is more conducive to fungus development.

The poa trivialis, perhaps because of its light green color, has been particularly noticeable in the greens all season. The greater density of the turf has apparently resulted in finer texture of the ryegrass blades than usual for our climate and, of course, the poa trivialis and bent have contributed to finer texture, and better appearance and putting qualities. Transition back to Bermuda in the late spring for the two test seasons has been gradual and without trouble. Greens have been aerified with the Greensaire ¼-in. spoons at least a couple of times during the season and more often in the case of two or three problem greens.

(More on Overseeding on page 72)

Canadian PGA Growth

In 1916 when it was founded, the Canadian PGA had 16 pro members and 8 assistants. Now it has more than 300 members.