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Individual Play may be used. The pairings for twosome play may be limited by special requirements. Among the more common combinations are father and son, pro and amateur, husband and wife, member and caddie. This last event is particularly recommended to clubs interested in fostering the good-will of their caddies. In such an event the caddie plays alternately with the member, the two of them using the same ball. A spirit of friendliness and co-operation cannot be more easily secured.

Foursome Play

(A)—*Foursomes* can compete, one against another, in a number of the events listed above for individual and twosome play.

(B)—*Monkey Foursome*. In this event each member of the foursome carries only a single club. One ball is played. Each member of the foursome, in rotation, plays the ball from wherever it happens to lie, and with whatever club he has chosen to carry with him on the round. Thus a player may be forced to putt with a mashie or drive with a putter. The four clubs generally carried are brassie, midiron, mashie and putter.

(C)—*Blind low-net foursome*. Contestants play 18 holes with whom they please. At conclusion of play, names are drawn from hat and grouped into foursomes; net scores are added to determine winning foursome.

Larger Groups

Team matches of any number of players are always interesting competitions. These matches may be against teams from other clubs or may be one end of the locker room against the other. Frequently the doctors, dentists, and lawyers in a club challenge the laymen to a team competition. Other combinations will readily suggest themselves.

Special One-Day Golf Events

(A)—*Driving contests*. Each contestant drives three balls from the same tee. A ball stopping in the rough is not counted. The distance of the other balls is added together and the contestant with the greatest yardage wins.

(B)—*Target contest*. This event is the test of players' approaching ability. A green is marked as a target with rings 5, 15, 25 and 35 feet from the cup. Each contestant approaches four balls from each of the following distances: 50, 75, 100, 150 and 200 feet. The idea is to make the

balls drop within the circles drawn on the greens; where the ball stops rolling is immaterial. The event is scored: five points for each ball within the 5-foot circle, three points for each ball within the 15-foot circle, two points within the 25-foot circle, and one point within the 35-foot circle.

EVENTS REQUIRING SEVERAL DAYS OF PLAY

(A)—*Match play events*. Under this head fall such tournaments as the club championship, the "southpaw" (or left-handers) championship, the junior championship, the women's championship and the caddie championship. In addition many clubs hold what are known as *class tournaments*, wherein the playing members are divided into classes, according to handicap and regular match play events are then played within each class.

(B)—*Choice score for the year*. Whenever a player negotiates a hole in fewer strokes than before that season, he draws a ring around the new figure on the score card and hands the card in to the tournament committee who post the new figure on a permanent chart. The player who has the lowest total score at the end of the season is the winner. Handicap strokes are allowed on the holes where they fall.

(C)—*Round robin*. Each player plays every other player once at match play. The contestant with the highest percentage of wins is the victor.

(D)—*Ladder event*. In this event the contestants are listed on a score sheet, one under the other, by lot. Any contestant is entitled to challenge the man listed above him to a match. If he wins, his name is posted above the name of the man he defeated. Thus the players, as they play their matches, are constantly shifting up and down as though on the rungs of a ladder, whence the name for the event. At the end of the season the player whose name is at the top of the "ladder" is the winner.

(E)—*Two-man team event*. The best 16 players in the club are paired so that their total handicap is approximately equal. This is done by the tournament committee, generally near the end of the season. These teams are then arranged as for a regular match play event and points are scored as in a Scotch foursome (one point for low ball, one point for total strokes on each hole). The winners are the two-man team champions of the club.

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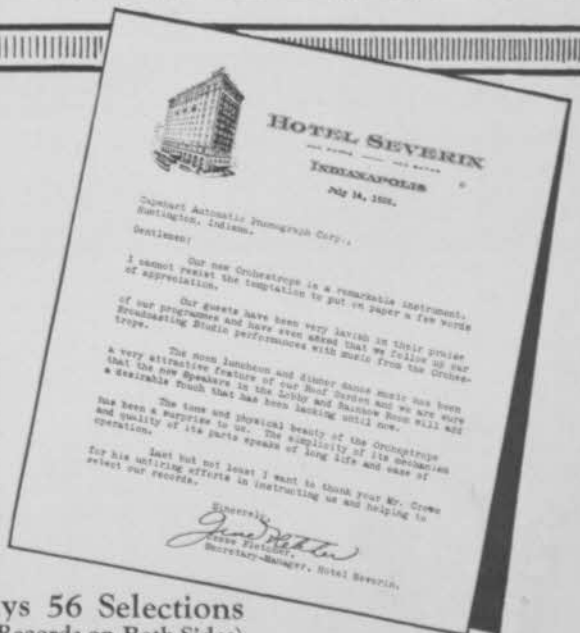
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"It is interesting to note that not one of the 18 greens (Druid Hills Golf Club) has a single bit of foreign grass and no weeds; and yet the grass had not been picked since we have been using ammonium sulphate."—Vol. V, No. 11, P. 250.

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Club

Town and State

(Kindly Print Name and Address)

Suggests Simple Foils of Winter Kill and Brown-Patch

By D. FOUNTAINE

I HAVE visited several courses when they complained of winter-kill and I find that in most instances it occurred on heavy soil.

The places generally attacked are those where water or ice lay for a considerable period. The sun plays on these spots during the day and the frost hits them at night, until the Spring sets in, when these spots still keep their water-logged state, not permitting any air to get to the roots and therefore kill or at least give a bad setback to the spring growth, owing to the cold still remaining even after the water is away.

The places most likely to be attacked by winter-kill are always noticeable in August. When the storms come, followed by strong sun, these spots are full of water and after drying out leave a sickly, baked place. In September, when the grass is growing good, if these patches are not too large they may be filled up with sand as the grass will grow through it in a very short time.

If the places are rather large it would be better to lift all the turf, fill underneath, making sure before replacing the turf that the water will not remain in this place again.

I have so often been asked about brown-patch that I feel justified in asking if it is preventable.

Perhaps there is amongst GOLFDOM'S readers one who would like to follow old Dame Nature on one of his greens where brown-patch has played havoc. I suggest watch of the following practice, which has been successful with me:

In the early spring, after sweeping the green, fork it, getting a five-pronged manure fork piercing the green to lift it without breaking the turf. Do this both ways all over the green, north to south, east to west. This is done on a great many of the courses in England. The first top-dressing is to consist of rotted manure, top-soil, sand and half the usual sulphate of ammonia as a spring tonic. If possible, top-dress once a month with rotted manure, top-soil and sand—less of the latter as the season develops (or instead of rotted manure, milorganite).

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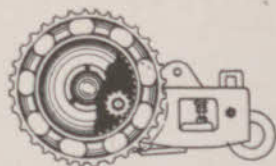
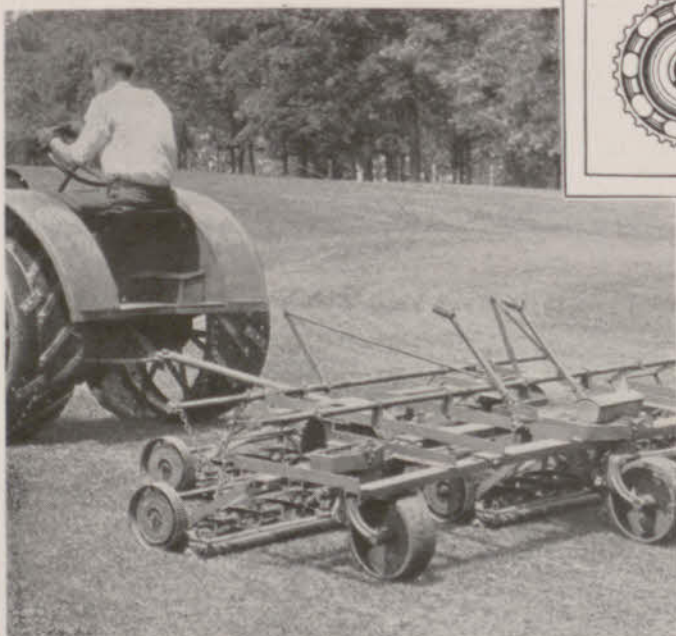
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IDEAL GOLF COURSE EQUIPMENT

Florida Reclaims Sea and Jungle for GOLF

By

EDWARD B.
DEARIE Jr.



Tournaments in Florida lure large galleries. This shows the La Gorce course at Miami

FLORIDA, the winter playground of eastern United States, with its varied natural resources and flawless climate, is destined to increase in importance yearly as a golf center.

During the past few months it has been my privilege to avoid the icy blizzards of the north and enjoy the warm breezes of this peninsular wonderland. Along both the east and west coasts magnificent golf courses may be played under ideal conditions. In fact, links fairly dot the surface of this playground. However, I believe that scarcely a beginning has been made toward placing Florida where it belongs—as one of the most powerful magnets in the field of golf. There will be something singularly wrong if it does not grow in importance with amazing rapidity in this line of sport.

This is a period of transition for Florida. This is admirably illustrated in golf course architecture. Mud flats have emerged into flowering estates; palmetto jungles have been pushed back by an army of workers. The surface has been

moulded into a rolling terrain which will make beautiful greens and bunkers. All this has been done in an incredibly brief span of years. More has been done here in golf course construction than has ever been done before in the same length of time in any part of the world, so far as I know.

La Gorce Country Club at Miami Beach is an example of these stupendous engineering feats. In the Indian River district 4,000,000 cubic yards of sand are being taken from the sea to make a base fill for a new golf course project. This calls attention to the staggering sums which are being spent for golf course construction.

Turf Is Big Problem

What has astonished me most of all, however, is the growth of grass on the sand and marl clay dredged up from the sea and swamps. Abundant sunshine and moisture soon perform the miracle of transforming this barren soil, after the proper amount of clay loam has been

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added, and fertilizer has been applied, into luxuriant Bermuda grass fairways. This sturdy grass, which has excellent qualities for the purpose, is used extensively to form the turf of these golf courses.

The problem of growing turf in Florida is similar to the problem of maintaining turf the year around which a few years ago confronted California. Under the semi-tropical conditions in these two states the problems are many and very complex. Considerable skill is required to keep courses in playable shape throughout the year.

The agricultural experiment station at Gainesville, Florida, now has under observation a number of strains of grass adaptable to tropical conditions and no doubt in the near future will adopt a strain suitable to this climate such as California was compelled to do before it was possible to secure perfect turf. Carpet and Bermuda seed-grown grasses and St. Augustine and Centipede vegetative-grown grasses may all be found on Florida courses. Unfortunately, it is impossible to maintain any of these grasses throughout the winter on putting greens without sowing a winter crop of rye grass, blue grass or red top.

The putting greens at Boca Raton Country club, sown with Kentucky blue grass, are very pleasing and no doubt are the outstanding greens in southern Florida. The tees, which were sown with blue grass also, were likewise very creditable. This particular course used considerable clay in the construction of its fairways to prevent shifting of sand and to retain moisture. The cost of this clay alone is reported to have been \$40,000. About the same sum was invested in a comprehensive fairway irrigation system. So far as turf is concerned there is no question but that Boca Raton is the outstanding golf course in Florida.

The foundation of successful courses in Florida is irrigation and plenty of it. Water is nowhere more essential for turf culture and maintenance. This is true because nearly all of the great number of courses along the coastal margins are built on sand and surfaced with very little clay or soil.

Soils classified by the Florida Department of Agriculture are as follows: Pine swamp, low hummock, high hummock, prairie and everglade. Pine land, which predominates, is covered with vegetable mould beneath which there is a brown sandy loam mixed with limestone pebbles

resting on a substratum of marl clay or limestone. Swamp lands are regarded as among the richest. These are alluvial and occupy natural basins which have been filled with vegetable matter washed in from higher lands. Drainage must precede any attempt to cultivate such land. Low hummock land is more level and has greater tenacity than high hummock land although the latter is much favored for grasses.

Greenkeeping in Florida requires constant study and experimentation as well as continuous effort. The goal is the development of a perfect all-the-year-around turf able to thrive in adverse conditions. Those actively engaged in this field in this southern peninsula are alert to the problems which confront them and keenly awake in seeking their solutions. This is indeed a picturesque and interesting land of enchantment and stands on the threshold of a new era in scientific greenkeeping.

Connecticut Greenkeepers Have New State Body

J. O. CAMPBELL, greenkeeper for the Wethersfield Country club, has been elected president of the newly organized Connecticut State Greenkeepers' association. Other officials elected: Joe Whitehead, Middletown Golf club, vice-president; George Wellen, Tumble-Brook Golf club, secretary; Otto Nelson, Farmington Country club, treasurer. Directors: James Langland, Madison Golf club; T. Foster, Manchester Golf club, and T. Griswold, Wampanoag Country club.

The organization was formed at Wethersfield, Feb. 7, and holds its second meeting at Middletown March 1. Monthly meetings will be held indoor during the winter and outdoor at various members' clubs during the summer. Qualified greenkeepers of the state are invited to write the secretary regarding membership.

One Greenkeeper Can Manage 3 Small-Town Courses

SMALL-TOWN clubs frequently cannot afford a greenkeeper, but there is no reason why they cannot band with two or three neighboring small-town clubs and hire one man for all three courses. A much higher class man can thus be employed, sufficient to supervise all grounds maintenance work of the several courses.