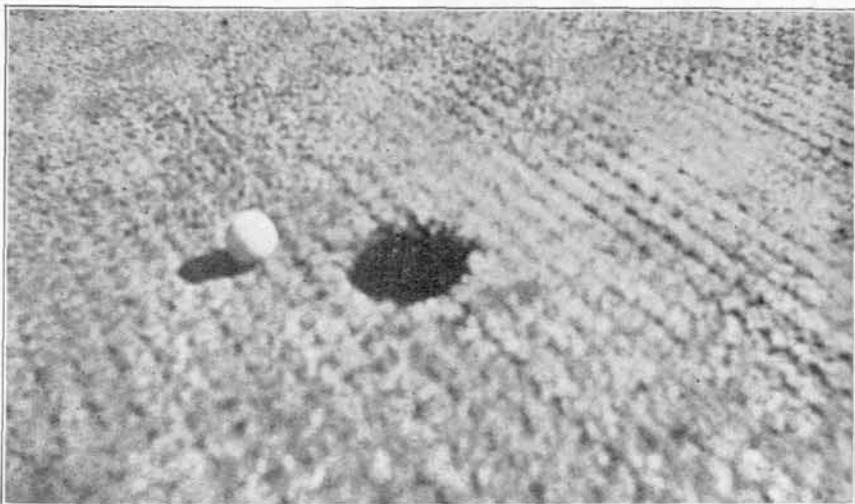


top of a pepper-box. Without this roller I do not think the cottonseed hulls would be a success.

One man with this roller is sufficient for the maintenance of 18 holes. There is no sand to haul and sift, and once properly laid, the cottonseed hulls would not have to be relaid under two years. The cup should be moved from time to time the same as on grass greens. Our experience here is that it takes about 40 to 50 minutes less time for a foursome to play 18 holes than on sand greens, and I believe that our club is saving \$2,000 per year on expense of upkeep.



Close-up view of portion of surface of the green, showing the indentations made by the wooden roller.

I am informed by Mr. Robert S. McCart, of El Paso, that he has patents pending and is prepared to make license-fee contracts.

For courses anywhere in the arid district of the west there is no question about the practicability of cottonseed-hull greens. The hull, as I stated before, is really a wood fiber, and where there is much moisture or rain the hulls, of course, swell a great deal and the putting is much slower than on an ordinary grass green. Therefore in a wet country I am sure that the base of every green should be of porous material, such as crushed stone or gravel large enough to pass through a 1-inch-mesh screen. One ton of cottonseed hulls is necessary for a green 20 yards in diameter.

NEW MEMBER CLUBS OF THE GREEN SECTION.—North Penn Golf Club, Bradford, Pa.; Country Club of Fort Dodge, Fort Dodge, Iowa; Danville Country Club, Danville, Ill.; Sunset Ridge Country Club, Winnetka, Ill.; Orlando Country Club, Orlando, Fla.; Shewami Country Club, Sheldon, Ill.; Highland Country Club, La Grange, Ga.; Biddeford and Saco Country Club, Saco, Me.; Westmoreland Country Club, Chicago, Ill.; Richmond Country Club, Richmond, Ind.; Penns Grove-Carneys Point Golf Club, Penns Grove, N. J.; Santa Ana Country Club, Santa

Ana, Calif.; Happy Hollow Club, Omaha, Nebr.; Pike County Country Club, Louisiana, Mo.; Klinger Lake Country Club, Sturgis, Mich.; Old Country Club, Flushing, L. I., N. Y.; Highlands Country Club, Grand Rapids, Mich.; Raritan Valley Country Club, Somerville, N. J.; Montecito Country Club, Santa Barbara, Calif.; Gowanie Golf and Country Club, Mt. Clemens, Mich.; Jericho Country Club, Vancouver, B. C., Canada; University Golf Club, Great Neck, L. I., N. Y.; Forest Hill Golf Club, Belleville, N. J.; Waccabuc Country Club, Lake Waccabuc, N. Y.; Cascade Hills Country Club, Grand Rapids, Mich.; Michiwaukee Golf Club, Milwaukee, Wis.; Mesaba Country Club, Hibbing, Minn.; Toppenish Golf Club, Toppenish, Wash.; Verity Park Golf Club, Middletown, Ohio; Metropolitan Country Club, White Plains, N. Y.; Colonie Country Club, West Albany, N. Y.; Fox Chapel Golf Club, Pittsburgh, Pa.; Marlborough Golf and Country Club, Montreal, P. Q., Canada; Quincy Country Club, Quincy, Ill.; Racine Country Club, Racine, Wis.; Redlands Country Club, Redlands, Calif.; Avon Field Golf and Tennis Club, Cincinnati, Ohio; Jamestown Country Club, Jamestown, N. Dak.; Washington Country Club, Washington Court House, Ohio; South Shore Country Club, Chicago, Ill.; Champaign County Country Club, Champaign, Ill.; Sioux City Country Club, Sioux City, Ia.; Madison County Country Club, Edwardsville, Ill.; San Gabriel Country Club, San Gabriel, Calif.; Country Club of Salt Lake City, Salt Lake City, Utah.

QUESTIONS AND ANSWERS

All questions sent to the Green Committee will be answered in a letter to the writer as promptly as possible. The more interesting of these questions, with concise answers, will appear in this column each month. If your experience leads you to disagree with any answer given in this column, it is your privilege and duty to write to the Green Committee.

While most of the answers are of general application, please bear in mind that each recommendation is intended specifically for the locality designated at the end of the question.

1. SEEDING NORTHERN PUTTING GREENS.—The following seed mixture has been recommended to us for putting greens: Chewings' fescue, 60 per cent; re-cleaned redtop, 30 per cent; bent grass, 10 per cent. We understand that the best seed obtainable for putting greens would cost about \$1.75 per pound. It is out of the question for us to pay a high price for our seed, and we shall therefore appreciate your advice with regard to seeding our greens. (Maine.)

Answer.—We would not advise you to waste any money on Chewings' fescue seed. You should aim to get bent grass greens. The best plan would be to seed with German mixed bent alone, but if the expense of this would be too great you could well use a mixture of three-fourths re-cleaned redtop and one-fourth German mixed bent, as in a few years the redtop will be entirely crowded out by the bent. This seed should be sown at the rate of 5 pounds per 1,000 square feet of putting green surface. The top two or three inches of your soil should be a loam or sandy loam with a fair amount of manure thoroughly mixed in. Do not use any peat