

ments, becomes inaccurate in handling simple problems in arithmetic, seldom being able to count above five without help, and is easily angered. He suffers from rushing of blood to the head, mild attacks of convulsions, and loss of the sense of time. He has moods of exaltation and depression, peculiarities and incoherence of speech, grandiose ideas of his athletic ability and melancholic delusions about his handicap. Many show a tendency to gamble and quarrel.

Morbid Anatomy.—The physical changes show a great increase in the size of the chest, a peculiar gleam of the eye, and a great increase of heart and lung power and of general vitality.

Prognosis.—The disease is practically certain to run throughout the life of the patient. No case of complete cure is on record. The patient will probably not live more than 90 or 100 years, but with proper care he may remain active until the last, and may be a useful citizen in spite of his affliction.

Treatment.—Owing to the hopelessness of these cases, the patient is usually committed to a Country Club or other institution of this sort, although many return to their homes at intervals. Since there is no hope of effecting a cure, it is best to make the patient as comfortable as possible and give him nourishing food. Be careful not to interrupt him in his ravings, and see that he is not burdened with business or professional cares.

THE QUESTION OF PUTTING GREENS

Editor, "Canadian Golfer."

Dear Sir,—I am very glad to observe that the question of putting-greens, raised by me, is attracting much attention.

The letter of Mr. J. Francis Marks, of Sandy Lodge Golf Club, of Mr. H. Simpson, of Toronto, and others, are all in the right direction.

I do not consider Mr. Marks' interesting letter in the nature of "a reply" to my article at all, inasmuch as he appears to concur in nearly all my suggestions. It is rather a friendly, concurring comment.

On only one point do we appear to differ, and that is as to walking on putting-greens. Of course I do not advise making a roadway of putting-greens, or the careless dropping or dragging of clubs or bags; that surely is well understood; but I do contend that the ordinary steps of the golfer to and from the hole, either in early spring or late fall, tend to maintain and even improve the surface of the soil from which the grass grows, and do no harm at all either before or after the grass comes. In this interesting discussion, it is well, Mr. Marks will agree, to understand one another fairly.

Mr. Marks advises scrapping the "indefatigable Green Committee" and putting the superintendence in the hands of one member only. But, of course, one must provide for illness and accidents. I think it more important that the care of putting-greens be not regarded as an esoteric matter, but that general knowledge on the subject should be more widely diffused among the membership and a sound tradition established.

Mr. Marks appears to advise the use of fertilizers. In this country of inland greens, specially prepared, I can assure Mr. Marks they are very seldom needed; the occasional bare patch requires only scratching and seeding. Our greens, as a rule, are quite fertile enough. In any event, fertilizers should only be applied in liquid form, as otherwise the putting level is disturbed.

Perhaps I may venture upon a few specific counsels. Do not over-stimulate the grass. Sowing seed on turf is sheer waste. Temporary greens are unnecessary where greens are fairly well drained. Apply sharp sand only in the fall, and see that it is screened first. To put sand on the greens in mid-summer is to scorch them. Avoid top-dressings of rough manure or loam, etc., which destroy the putting-level. Get rid of worms, but never use the roller over worm-casts. Roll lightly every other day. Cut new holes frequently, filling up the old very carefully and soaking, so that there may be good union of turf. Never water in sunshine. Cut the grass lengthwise one day, crosswise another, and diagonally a third. In a dry season soak the greens twice a week with a fine spray at night-time. Do the same to teeing-grounds.

R. STANLEY WEIR.