how you are using it. Also, what kind of grass do you have? Reduced irrigation, keeping the greens on the dry side, can help reduce disease. Hydrated lime dusted on weekly at 1 to 2 lbs. to 1,000 sq. ft. can be of considerable help in checking disease and helping grass to recover.

**Future Compaction?**

Q: Under separate cover, I am sending to you for analysis a soil sample taken from our No. 1 green. This is a bentgrass green and consists of a mixture of Arlington and Cohansey. During the 1961 playing season, we built five new greens with the same mixture as contained in the sample. As far as we can tell so far, results have been excellent. The base for these greens is tilled and contains five ins. of gravel and we have approximately eight to ten ins. of topsoil. Although results so far have been very gratifying, I am wondering if there is any danger in the future of compaction with this mixture. Also, I would like a recommendation as to the type of topdressing to use. . . . Indiana.

A: This office is not equipped to make soil analysis — only inspection and observation. You will do well to have your own state experiment station run tests on representative samples drawn according to their suggestions. A test run on the soil in a single cup-cutter core would be quite meaningless.

The roots in the core you sent are amazing. The sandy loam texture is ideal. You need fear little or no compaction. The topdressing to use must be of the same character as the soil in the greens. Any change in texture or composition will create layers and trouble.

**Leaching A Factor**

In a soil as sandy as yours, leaching will be a factor. This is good. It means you have excellent drainage. To compensate for loss of nutrients by leaching, the simple solution is to use more slow-release nitrogen which doesn't leach.

The Arlington-Cohansey blend is not in common use because of the wide difference in color of the two grasses. My guess is that the Cohansey will win out in the long run. If you are having good results with this blend, there is no reason you should not continue.