

or lower it slightly. I favor an acid-forming fertilizer such as sulfate when soil pH is high, not so much to change the reaction but for beneficial effects from the sulfur in the fertilizer.

Q. Please examine the samples of soil and sand I am sending you and give me your opinion of the best mixture for topdressing my bent greens. (Pa.)

The soil appears to be clay loam with good physical structure. The sand is graded from coarse to fine but most of it is what I would call coarse. This is good. With a good grade of peat or well decomposed sawdust on hand, I would suggest this mixture:

Sand	7 parts by volume
Clay loam	2 parts by volume
Organic Material	1 part by volume

I'm sure that you will be much better satisfied with this mixture if you can make it up a year ahead, treat it for weed seeds (sterilize with cyanamid or methyl bromide), and let it develop a "bond" between particles. This will give the micro-organisms a chance to operate and develop some aggregates before you use it. It will be best if you continue to use the same mixture year after year.

Q. I am considering introducing Certified Meyer (Z-52) Zoysia into my fairways. We have recently installed a complete fairway watering system on 9 old fairways (carpet grass and Bermuda) and 9 new fairways which are seeded with Bermuda. I want your advice regard-

ing Zoysia for fairways. I intend to start a small nursery, then plug and sprig small portions of the fairways from the nursery. (La.)

A. Meyer Zoysia does not appear to me to be one of the better fairway grasses because of a tendency to become a "deep cushion." This quality may be wonderful in a lawn but, if allowed to develop it would give golfers an insecure stance and footing. A heavy cushion of turf makes tiresome walking. Zoysia clippings decay slowly and build up an undesirable mat.

By all means start a small nursery. When you have solid turf, have your members play from it and walk on it. But remember a few steps on a small plot is not the same as walking several miles.

Had you planned to start a similar nursery with improved Bermuda grasses? It should be very worthwhile. Renovation will be less costly and much faster with the right Bermuda.

Q. What are other reasons in addition to disease control in favor of early morning watering over night watering? The only standard I have to go by for swishing greens is when the temp. is above 88-92 degs., there is high humidity, and the green feels hot to touch. Are there more things to look for? How often should a green be swished during hot weather? 10 minutes per time is about standard isn't it? What are other factors to consider in watering beside puddling and runoff? What are the symp-



F.O.B. Detroit

\$279.95



**It's Revolutionizing Golf!
... And it's PORTABLE!**

KADDIETTE
*Patent Granted

At last it's here! The first and only portable golf car! Kaddiette disassembles into 3 parts (2 if preferred), fits easily into your car trunk . . . can be put together or disassembled in seconds! Has a muffled air cooled engine with special gear ratio for easy travel on the most rugged terrain. Ideal as a rental unit . . . small upkeep, no batteries to charge, 36 holes on a gallon of gas, weighs only 125 lbs., easy to store, a real profit item for club managers and pros!

DISTRIBUTORSHIPS STILL AVAILABLE

Please send further information on Kaddiette.

I am interested in becoming a distributor

a dealer , for individual use

McCraiton Mfg. & Sales Corp.

18130 Fenkell Avenue—Detroit 27, Mich.