

courses, this is mainly determined by the topography and then by the course architect's ability to make use of what nature has given him, together, very often, with the idiosyncrasies of his own game—the latter a thing that should at all times be forgotten if he desires to produce the most satisfactory layout.

"In ninety-nine cases out of a hundred a topographical survey is a necessity if you wish to be sure of your drainage and irrigation schemes being successful. Upon the irrigation of a golf course depends very largely the character of maintenance in later years. It is not enough to merely lay out a few lines of pipe and attach a pump, but friction loss, head, static pressure at the nozzle, adequate water supply with a pumping unit of just the right character must be provided, and these must be figured and not guessed at."

### What Makes Best Cup for Sand Greens?

THERE have been many complaints about the unsuitability of the usual style of cup for sand greens. Some experiments have been made with leather cups, with interesting results.

Many of GOLFDOM's readers would like to know the details of any cup that might serve sand green courses satisfactorily. We will be glad to receive such information for publication.

### DO YOU WANT SOME MORE GOOD HELP?

GOLFDOM is in touch with several managers, professionals and greenkeepers, who are well qualified, have good references, and are anxious to get located with good clubs.

We will be glad to refer these men to your club if you are interested in their services.

Write us and give some details of the position, so you can get quick and satisfactory action.

GOLFDOM,

The Business Journal of Golf,

225 N. Michigan Ave.,

CHICAGO, ILL.

For Greener  
Greens  
and Better  
Fairways



USE

## PREMIER BRAND POULTRY MANURE

Write us for information regarding best methods of application and where you can obtain PREMIER BRAND in any quantity from 100 pounds to a car load.

PREMIER POULTRY MANURE  
COMPANY

431 S. Dearborn Street

Chicago, Illinois

## The Peerless Lawnmower Sharpener



HUNDREDS OF GOLF CLUBS,  
large and small, now use the Peerless  
Lawnmower Sharpener.

The Peerless Lawnmower Sharpener is the only machine that sharpens all makes of Power, Horse and Hand Mowers *scientifically—quickly—perfectly*—does the work as nothing else can. Operated by 1/3 H. P. Motor—attach it to your lamp socket. Special Grinding Wheel for sickles, scythes, etc. Skate sharpening attachment included. Will save its cost the first season. Write for catalog and list of users.

THE FATE-ROOT-HEATH CO., 889 Bell St., Plymouth, Ohio