

Putting Green Construction

By JOHN SHERIDAN, *Greenkeeper*
The Chagrin Valley Country Club
Chagrin Falls, Ohio

THE construction of a putting green is the most important work on a golf course. It depends greatly on the soil conditions. The plan of construction I have reference to is for heavy clay.

The top soil which is available on the green site should be put in a pile out of the way and lay for at least three weeks. By doing so the soil heats and many weed seeds are destroyed. The green then can be shaped as required with the material which still exists on the green site, or out of traps which have been planned close to the green.

The pitch and size of the green depends greatly on the length of the hole, for instance, holes ranging from one hundred and twenty-five yards to two hundred and twenty-five yards shouldn't be too large, but should have the most

pitch, not only to hold the ball but to insure quick surface drainage in wet weather so the green will never get too soft to allow the high pitched balls to punch it full of holes. This type of green for short holes shouldn't have more than sixty-five hundred square feet of putting surface and a pitch of one foot in forty. Other lengths may have a pitch of one foot in forty-five or fifty and a putting surface up to ten thousand square feet.

When the green is rough graded it is advisable to allow it to lay for a while in case it should settle out of shape. One extra foot to every four should be allowed in deep fills.

Tiling the Green

THE green is now ready for tiling. A main line is placed up the center from back to front with four laterals on either side, herring bone style, using four inch golf drain tile placed at a depth of eighteen inches from the surface of the finished green and covered with six inches of cinders and back filled.

The top soil should be now put on if possible no less than six inches. An application of as much as twenty tons of well rotted manure ploughed in and well disced up is advisable and for clay land an application of twenty tons of sand disced in.

The green should be allowed to lay for a

To Golf Club Officials

It is often folly when a golf architect turns over a new course to a club to employ an inexperienced greenkeeper.

Why not employ one with all the necessary qualifications? He will know how to bring the course up-to-date and with less cost than an inexperienced man.

We have a number of greenkeepers seeking new courses. If you desire these kind of practical men address:

EMPLOYMENT COMMITTEE

The National Association of
Greenkeepers of America

405 Caxton Bldg.

Cleveland, O.

*WE wish to thank our
customers for their
past patronage and extend
to them our sincere wishes
for a bright and prosperous
1929.*

MacGregor Compost Distributor Co.
P. O. Box 717 WHEATON, ILLINOIS

Since 1875

Tested *Radway's* Seeds

We have on spot new crop
CHEWINGS FESCUE N. Z.
BENT GRASS SO. GERMAN
BLUE GRASS — RED TOP — WHITE CLOVER

Ask for Sample Offers

I. L. RADWANER SEED CO., Inc.
115 BROAD STREET NEW YORK
Phone Bowling Green 3373
Seed Importers and Refiners

while so as to let the weed seeds germinate. About ten days before planting time an application of one hundred pounds of sulphate of ammonia is applied and disced in.

Hand Rake Before Seeding

THE green should be hand raked to remove all small stones and turn the surface. The soil just before seeding should be kept moist to insure quick germination. If bent stolons are planted it should be done on a dull day or late in the evening. The stolons should be evenly spread over the ground and covered with a light application of fine top soil applied with a topdresser and lightly rolled and watered.

The surface of the green should never be allowed to get dry and in a very few days of favorable weather the grass will begin to show. When the ground is well covered topdress it down, and encourage the runners to take hold. All it needs is an occasional topdressing and cutting with a tee mower if the runners should get too long. An application of one hundred

Know Before You Sow

Seed Selection We will select your Seed.

Certification We will certify the Purity and Germination.

Checking We will check your actual deliveries before you sow.

Write for particulars

**International
Seed Testing Laboratories, Inc.**

E. E. Pattison, Director J. M. Stanton, Asst. Director

11 Park Place NEW YORK CITY

Member
Association of Commercial Seed Analysts of North America

REFINED

GRASS SEED

AND

COMPLETE EQUIPMENT

FOR

GOLF COURSE

Send for Catalog and Grass Seed Price List

Distributors

Worthington Mowing Equip.

Nu-Green Semesan

AMERICAN SEED COMPANY

DETROIT, MICH.

"Quality Grass Seed for a Quarter Century"

pounds of Milorganite every couple of weeks will help out wonderfully and in four months of favorable weather the green should be in nice shape for play.

Chicago Greenkeepers Meet

The first dinner-meeting of the winter season was held December 5th at the Great Northern Hotel, Chicago, by the Mid-West Greenkeepers Association.

Reports of all committees were asked for by President John MacGregor. Alex Binnie, vice-president, made a report in behalf of the advisory committee stating that in the future more attention should be paid to actual greenkeeping problems and recommended that these problems should be discussed on the floor. He stated his opinion that such action would greatly increase the value of the association. Much discussion followed on the use of arsenate of lead for grub control and weed elimination. Some interesting opinions were expressed. It was suggested that more experimentation might be in line.

A nominating committee to select candidates for the coming election of officers was named as follows: Matt Bezek, chairman, Beverly Country Club; Peter Stewart, Lake Shore Country Club; D. W. Danley, Glen Oak Golf Club; R. Thode, Glen Acres Country Club; and William Howard, Exmoor Golf Club.

The next meeting will be held Wednesday, January 2nd, at the Great Northern Hotel at which will take place the annual election of officers.

HUBBARD NURSERIES

CREEPING BENT STOLONS

Washington and Metropolitan Strains

Pure, free of weeds, and of one season's growth

DR. AMOS F. HUBBARD, N. Kingsville, Ohio