

For LONG-TERM CONTROL



Check your
Dolge supply list

Weed killers
Insecticides
Mole and gopher killers
Golf ball cleaners

Rid Turf of Insects

SOLEXTO

For turf use—Kills Japanese beetles, chinch-bugs and other insects. Dilute in up to 400 parts of water.

Eradicate Weeds on Parking Lots, Roads

S.S. WEED KILLER

Soil Sterilant—Speedy killer of all types of weeds. Keeps parking lots, drives, walks, gutters clear. Spray or sprinkle. Dilute in up to 40 parts of water.

Free Turf of Dandelions, Plantain

E.W.T. (2,4-D) WEED KILLER

Selective—Attacks weeds only. Rids turf of undesirable growth without injuring good grass. Non-poisonous. One gallon to 3 acres. Dilute in up to 400 parts of water and spray.

Exterminate moles and gophers

NOMOLE

Chemically treated grain. Exterminates moles, gophers, prairie dogs, field mice and other pests. Place in holes or nesting areas.

Clean Golf Balls Thoroughly

DOLCO PINE CLEANER

Safe in any machine; has pine aroma; efficient and agreeable.

*For literature on above products write to
The C. B. Dolge Company, Westport, Conn.*

Dependable
DOLGE

TRADE MARK

Another point in the cultural control program is the development of resistance grasses. Actually, we have just barely touched the surface on this and, of course, much research could be done, particularly in screening new grasses or new sections against disease organisms.

There are about 15 major diseases and perhaps 100 to 150 different organisms involved. Of course, it is a rather difficult job to put new grasses and new selections through a research program, knock them out with the disease and then get them to survive. This has not been done very often in the past but, as I said, it is being done more and more today.

I would say that there are many different grasses throughout the U. S. which should be collected together at several centers and developed commercially — put into breeding programs.

I have visited many courses and at one course, for instance, we used maybe 20 applications of fungicide in a season. Down the road perhaps a mile was another course, equally well kept, greens in perfect shape and it used only five applications of fungicide. The difference in many cases is simply a difference in cultural programs.

Therefore, I think that the fungicides are secondary to a good maintenance program and, certainly, a good fungicide under poor cultural conditions will not do a good job.

Cameron Henderson, supt., CC of Buffalo, N. Y.: Once it took six men an hour to hand fork a green. Today, one man aerifies a green in 30 minutes. That doesn't mean that we can constantly cut down on the number of employees needed to operate a course efficiently. As I see it, the time saved on one job should be allocated to others that often are woefully neglected.

How the Landscaper Paints Pictures with Plants

By **CLARENCE GOTTSCHALK**

Director, Morton Arboretum, Lisle, Ill.

My definition of landscaping is the creating of pictures by designing or changing a site and selecting an arrangement of plants on that site to accomplish the purpose for which the planting is designed, as well as give an aesthetic effect that is pleasing to behold.

HERE'S THE

Lewis Line
FOR 59!



"REGULATION" FLEXIBLE FIBERGLASS FLAGPOLES

AVAILABLE IN 5', 7' and 8' LENGTHS

Lewis Flagpoles always remain straight, won't rust, rot, kink, and are unaffected by weather. These featherlight poles are permanently molded in white and striped with an indestructible red or black epoxy plastic.

**at your distributor or f.o.b. Watertown, Wis. Packaged 9 per carton only.*

"REGULATION" BALL WASHER and TEE ENSEMBLE

Now, With Long-Wearing Nylon Brushes
(Interchangeable in all new style washers)

Pro and duffer alike appreciate the really clean balls washed with the Lewis Washer. Tamper-proof, weather resistant, durable, low cost.

For a well-dressed course, see the complete ensemble which includes: washer and data plate with interchangeable numbers, waste container, and tee towel . . . all mounted on a sturdy tee stake.

only
\$3.84*
each
7' length



CONTAINER DEVELOPMENT CORP.

- 415 Monroe Street
- Watertown, Wisconsin
-

The plan for any planting should be mapped on paper and some thought given to the effect a group will give rather than just put a group of trees out to provide more shade.

Certainly grading is very important on some sites. You cannot always do unusual grading, but where a site can be made a little unusual, then it should be done. Of course, grading should be in keeping with surroundings. But if you can get something following lines and contours, then it makes it much easier to get individual effects when you start planting.

Careful Selection

A landscaper paints pictures. He uses plants to paint them with. A landscaper studies plants from the effect they give as a mass in the spring and fall and even in the winter. He has to know what they ultimately will do in connection with the landscape, what effects they will give. A very careful selection of plants to give the effect he is trying for is very necessary.

After you have decided on the group and type of plants you want to use, arrangement of the group is very important. Haphazard arrangement is a big waste of money.

Each planting should have a purpose.

1914

FULNAME

1959

Original Ball Marker

The rolling die does it!

3 TYPE SIZES

Small — Medium — Large

Box 178

Cincinnati 6, Ohio

HINES GRASS NURSERIES

Bents-Bermudas-Zoysia
Congressional (C-19) Bent
(Originator & Founder)

Arlington (C-1), Cohansey (C-7)
and Pennu Stolons

Finest stolons money can buy at reasonable prices. 34 years growing selected grasses

REUBEN P. HINES (Owner)

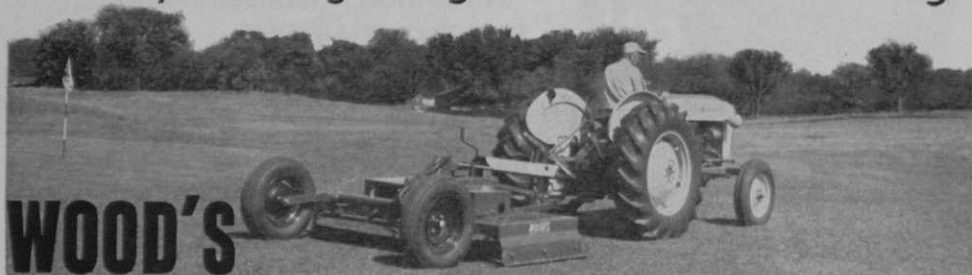
Life Member — Mid-Atlantic GCSA

Brookeville, Md., Route 97

Phone Spring 4-9821

Phone Oliver 4-5407

Fairway Mowing-Rough Control-Leaf Mulching



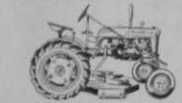
WOOD'S ROTARY MOWER SHREDDER

... does them all ... Fast and Economically!

Free-swinging blades do a thorough, high speed shredding and mowing job. Wood's mowers fit any tractor with standard PTO. Easy height adjustment. It's the "work horse" of your maintenance equipment.

WOOD BROTHERS MFG. CO.
19904 South 4th Street Oregon, Illinois

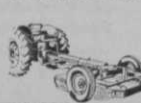
27 MODELS AND SIZES TO CHOOSE FROM—ONE, TWO AND THREE BLADES—MOUNTED AND PULL TYPE.



MODEL 42 3-1/2 ft. swath



MODEL 59 5 ft. swath



MODEL 60 5 ft. swath



MODEL 80 6-2/3 ft. swath



MODEL 114 9-1/2 ft. swath

WRITE FOR FREE DEMONSTRATION There is a Wood's mower to fit your golf course need and budget.



BENT GRASS STOLONS

- Washington • Cohansey (C7)
- Congressional (C19)
- Arlington • Pennlu

Our stolons are true to name, weed and seed free and in vigorous growing condition. As a proof that we know how to keep our strains pure, our present Washington exactly matches that we sold in the 1920's.

A Reliable Source of Supply Since 1920

HIRAM F. GODWIN & SON

22346 Grand River Ave. Detroit 19, Mich.

I believe that no planting should be made around a home, or in a park, golf course or cemetery unless it has some purpose for being there. Of course, its purpose could be one of many. It could be purely for shade, to frame a view or to form a barrier.

There are at least five main factors in landscaping

Simplicity Is First

The first of these is simplicity. You cannot take a planting group and mix up a great many different species, forgetting texture, forgetting color effects. There has to be, perhaps, one predominant thing in that group, supplemented by secondary features.

Unity of scale is very important. You should not mix catalpa leaves with willows and with things where you have tremendous differences in textures. Not only that, but you have to scale the plants to the objects that you are using them around. For instance, in working around a small pond you would not use great big weeping willows.

There also has to be balance of the amount of planting in relation to that pond. For instance, if I were working on a group of plants and wanted balance in that group, there would be one outstand-

ing plant which would be the accent point. Then, if a line were drawn through the accent point, plants on either side of it should balance off, so that I would have, when you looked at the scene, a line of balance on each side of the focal point.

There should be a point of focalization. That is, if you are creating a view, there should be something to arrest attention. Otherwise the eye wanders off to lateral objects. It doesn't become focused on the feature which should attract attention.

The fifth point is sequence. If you are framing a view, you don't want plants in the frame that are more attractive than those to which you are trying to call attention. You have to keep the frame somewhat subdued and its sequence of planting built up to the central point of interest.

Eberhard Steiniger, supt., Pine Valley: In the early years we had Kentucky blue and red fescue turf on our fairways. Demand for closer cutting brought poa in the spring and crabgrass in the fall. This seemed to call for conversion to bent. For 10 years we seeded, sodded, stolonized but in the summer, when we needed good turf, disease, insects and thatch took their toll and in the fall we had to start all over again.

We're Progressing But We Still Have Problems

By **GEORGE LANPHEAR**

Supt. Knollwood GC, Granada Hills, Calif.

The old supt. with his secrets lived in a world of his own, disregarding the progress made in many areas of maintenance. For him the fertilizer program was still alternating applications of sulfate and steer manure. The old way was the best way, new methods were unrealistic.

This type of individualism existed in my area until 1949 when the GCSA held its annual conference in L. A. This was the first time a conference had been held on the West Coast. From that year on we started to make progress. In 1956 in Long Beach, the educational section of the program met with tremendous support in Southern California.

Trouble with Greens

Even though we have progressed greatly we're still having trouble with greens during adverse weather. Granting that we have heavier play, which results in

Vertagreen®

will make your

turf the greenest

green you've

ever seen!

If you want thick, lush turf . . . a course as luxurious as fine carpet . . . grass that can stand up under hard play and adverse weather conditions...*put down Vertagreen!*

It builds strong, healthy grass from the roots up . . . develops deep-reaching root systems that make use of the moisture and plant food in the soil.

**Order
from your
Dealer
Now**



ARMOUR FERTILIZER WORKS
Atlanta, Georgia
