

into two or three applications and I like to use some organic if I can get it. Some of the fertilizer, if applied after aeration if possible, has a better chance to stay put on the slopes. Except on Bermuda turf, I'm not much in favor of spring fertilization unless for some reason it was impossible to put it on the previous fall. I don't like to use heavy applications of nitrogen fertilizer in spring. Anything will grow in the spring because of ideal weather and because of the natural elements of plant food that have accumulated in the soil over winter while the plants were dormant. To add to this natural fertility is apt to over-stimulate and bring on the rest period that must and will follow—the fellow running uphill again.

In the few cases I know of where fairways were over-fertilized, in each it was due to spring fertilization. Charlie Hallowell says spring applications of nitrogen fertilizer are not helpful in maintaining a dense fairway turf in June, and in my

experience I have found this to be true. I also believe spring applications are more favorable for weeds and crab grass because they are growing vigorously at that time. However, spring and summer applications are necessary for Bermuda turf.

I prefer to start my fairway feeding program early in September. This may be a little early since crabgrass keeps growing until the first frost which is around the middle of October, but I have found I must start early in order to get the job done. I feel that by encouraging the permanent grasses to spread and occupy space left by crabgrass, I have gained. Since no two things can occupy the same space, there is less space for the germination of crabgrass seed the following year.

I have intentionally skipped lightly over tees and fairways. Amounts as I see it are not too important. Any amount from 800 to 1200 lbs. per acre evenly distributed is good. The most important thing is to get it on and get it on at the right time. I believe too much fertilizer is stored in the shop over winter. If I have fertilizer I don't like to keep it in the bag. I like to get it out on the ground where it will do some good. Ruben Hines, an old friend of mine in the Washington, D. C. area, once asked me if I had any fertilizer. I said sure I have 1000 lbs. of fertilizer—wouldn't be without it. He said, "What are you keeping it for? It won't do any good in the barn." I have thought of that a great many times and I believe it has helped a great deal. I has become a sort of motto with me and it's a thought I want to leave with you. Don't keep fertilizer—use it.

Northeastern Wisconsin Holds Operations Clinic

Annual meeting and golf club operations clinic of the Northeastern Wisconsin Golf Assn. was held May 11th at the Oneida Golf & Riding Club, Green Bay.

The clinic featured four seminars, one for presidents and secretaries, one for club managers and house committeemen, one for superintendents and greens chairmen, and one with the professionals and sports committee chairmen. Each seminar featured an outside speaker discussing an aspect of club operation.

At the annual meeting it was agreed that all NEWGA clubs will use the USGA (current) handicap system. M. A. Carroll of Oshkosh was re-elected pres., Robert Testwuide of Sheboygan was re-

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elected vp, and Donald P. Steinberg, Jr., of Appleton was re-elected sec.-treas. Frank Murphy of Manitowoc, Frank Cornelisen of Green Bay and Richard Johnson of Waupaca were elected directors-at-large for the coming year.

The annual meeting and clinic will be held at Riverdale, Sheboygan; the Best-ball tourney is scheduled for Riverside, Marinette; the amateur for Butte des Morts, Appleton; the ladies tourney for South Hills, Fond du Lac; and the Open at Riverdale, Sheboygan.

West Bend C.C. was voted to membership.

About 120 men representing 21 member clubs attended the gathering.

DISEASES OF TURF

(Continued from page 68)

think of it only when you add the various factors of number of applications necessary; the residual material after a rain; and the labor cost of added applications. As an example of this I would take two compounds which to me offer excellent control of Brown Patch. Calo Cure is excellent, long lasting regardless of rain, but high priced. If you are short of labor,

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