

Club, Winnipeg, Manitoba; Monroe Golf Club, Pittsford, N. Y.; O-te-sa-ga Golf Course, Cooperstown, N. Y.; Weston Golf Club, Weston, Mass.

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**Getting Service Out of Fairway Mowers.**—I have read quite a number of articles in *THE BULLETIN* about fairway mowing units not being built heavy enough for tractor work. Last year we used five \* \* \* mowing units with our fairway tractor, and by having the man who operates the machine clean the grass and dirt out of the gears each day as he finished cutting, we ran the whole season without breakage. We ran our machine about 5 miles an hour. We have quite a number of outcropping ledges on our course which are just about level with the surface of the fairway; these are ideal machine-breakers if the operator does not use his head.—*W. R. Hurd, 2d, United Shoe Machinery Athletic Association, Beverly, Mass.*

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### How the Green Section Helps the Golf Clubs

Address by George Low, Baltusrol Golf Club, before the annual meeting of the Green Section, January 5, 1924.

**MR. CHAIRMAN AND GENTLEMEN.**—When I got a letter from Dr. Piper asking if I would care to read a paper on this subject at the annual meeting, I felt at first highly complimented. On second thought, however, it did not seem to be such a compliment after all, for I honestly believe he picked on me as a sort of handy man around a golf course who had been sadly in need of the advice of men who have made a lifetime, scientific, and practical study of soils and grasses.

I venture to say that most of our greenkeepers are foreign born. With the equitable climates of Great Britain and Ireland they don't have to know very much about soils and grasses, but with our hot summers, severe winters, grubs, crab grass, and brown-patch, it's a hard job. Now are we not most fortunate in having the Department of Agriculture at Washington as our advisors and cooperators in our host of troubles which arrive about August? If you are in trouble and require advice, one of the experts at Washington will try his best to visit you (although it did take them a long time to visit me at Baltusrol). This country is only scratched with golf courses, and we need more of those experts to cover the ground.

Now, Mr. Greenkeeper, notwithstanding the large amount of investigational work that these men at Washington are doing, there will always be left something on your own dung-hill on which you can exercise your own genius; and if you do discover anything worth while, broadcast it through *THE BULLETIN* for the benefit of the rest of us. Remember this: the Green Section is not too proud to receive advice. It is working for you all the time, saving the club's money by broadcasting the results of its experiments. It even indicates the qualifications which the chairman of a green committee ought to possess. Is not that helping the greenkeeper? What could be more satisfactory than your and the chairman's knowing that at the end of the week the work on the course is being conducted intelligently? Will it not be nice if next August just before the qualifying round you find that after all your hard work grooming your course for a tournament none of your greens are attacked by brown-patch?

Before closing, let me tell you a Scotch story apropos of this gathering. A Scotch golf professional, after being six years in America, went home to visit his folks at St. Andrews. One Saturday evening his father, along with his pal, John, were strolling down the street, and in the course of conversation John said, "Aye, mon, they tell me Willie is hame." "Yes, Willie is hame, right enough," replied Willie's father. "I suppose he'll know a lot noo after being a' that time in America," John remarked. "Well, I don't know sae much about that," answered the old gentleman; "but one thing I do know. He knew something before he went to America, but he's guessing a' the time noo."

Now the Green Section is going to prevent your guessing.

### Back Numbers of The Bulletin

These are available as follows:

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### QUESTIONS AND ANSWERS

All questions sent to the Green Committee will be answered in a letter to the writer as promptly as possible. The more interesting of these questions, with concise answers, will appear in this column each month. If your experience leads you to disagree with any answer given in this column, it is your privilege and duty to write to the Green Committee.

While most of the answers are of general application, please bear in mind that each recommendation is intended specifically for the locality designated at the end of the question.

1. CHANGING BLUEGRASS GREENS TO BENT GREENS.—We have very good bluegrass greens but desire to change some of them to creeping bent. How can this best be done without putting the greens out of play? (Kansas.)

ANSWER.—We know of no way in which this can be done immediately. The change can eventually be accomplished, however, through a period of several seasons, by seeding the greens each fall with bent. The bent seedlings will of course make slower headway in old turf than they would if started in a clean seed bed, and for this reason the change from bluegrass to bent is a slow process. We started an experiment last fall to obtain the same results as you desire, by chopping up creeping bent stolons, spreading these stolons on several greens, top-dressing with about  $\frac{3}{8}$ -inch of compost, and keeping the greens watered every day for two or three weeks. The indications at the present time (June 1) are especially favorable for success. The old turf upon which the bent clip-