

the editor takes the liberty of printing this final paragraph without his sanction. It is not written in eulogy, but rather as an expression of gratitude for the privilege of his friendship and his confidence, and to join his hand with those of our members who do not yet know Mr. Morley personally.

Reels and Bed Knives

FAIRWAY cutting units, as well as tee and green mowers, work under difficult and destructive conditions. The cutting edges work down in all kinds of dirt and grit, and yet are supposed to maintain a keen cutting edge and do a nice, clean, smooth job of mowing.

The first thought that comes to an inexperienced operator's mind is that in order to maintain the edge, he must jam the bed knife up against the cutting edge of the reel. This not only destroys the cutting edge, but the rubbing action in connection with the dust mixed with the grass, acts as a grinding compound and causes excessive wear. This quickly reduces the wearing surface of the bed knife and cuts the diameter of the reel down, destroying its efficiency.

Shortly after the reel starts revolving, there is enough heat generated to cause expansion of the reel, which increases the friction or rubbing action on the bed knife. Therefore it is at once seen that a great deal of care must be exercised in making the adjustment of the reel to the bed knife. The reel must not bind even slightly at any point, and cutting units should be inspected frequently to see that the action of the reel is free.

Putting greens are continually top dressed with a mixture of sand and other material, and if this is not first worked down around the grass roots, it will greatly affect the cutting edge of the mower. In examining piles of cuttings near some greens, it has been found that from 20% to 40% of the pile consisted of top dressing which had been picked up by the reels and deposited in the grass catcher box. This not only is ruinous to the putting green mower, but it robs the greens of fertilizer which costs money and labor to spread on the greens.

Start War on Fall Weeds

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our course to a minimum, and we trust that in a very short time to have it practically eradicated from the course.

In conclusion let me impress upon you that your job is to remove this menace and not to increase its growth, so why not start at the source of all growth, and get these weeds before they go to seed.

Fall Seeding

The fall is without a doubt the best time to do any seeding on a golf course, and this should not be done at any other season of the year. Best results will be obtained if this is done early in the fall. The spring seeding is almost useless on a golf course. In seeding make

(Continued on next page)

Say you saw the ad in *The National Greenkeeper*



The 18th Green at Oakmont Country Club, Oakmont, Pa., where the U. S. G. A. Open Championship was held this year. Grass Seed supplied by the Stumpp & Walter Co. for many years.

For the Most Enduring and Finest Turf Sow

BENT GRASSES

Sow Bent on your Fairways and Lawns! The extreme fineness and beauty of turf produced from Bent Seed are well known and its superiority for use on the golf course is recognized, but owing to the high cost of this seed for a number of years its use was restricted to small areas, such as putting greens. Now that the cost is more in line with other grasses, it is practical to sow Bent on your Fairways and Lawns.

Carefully distributed, 100 lbs. of Bent Seed used alone will sow an acre of land. If used in a mixture with other varieties, such as Blue Grass, Red Top and Fescue, we advise that 20% of the mixture should be Bent Seed.

For Early Fall Sowing We Offer

Grass Seed

of Known Quality

TESTED for PURITY and GERMINATION

South German Bent Seed. A natural mixture of Bent Grasses, formerly and still known as Creeping Bent. Long recognized as the leading turf producing Bent. Produces turf of exceedingly fine texture.

Fine Quality 10 lbs. \$10.00, 100 lbs. \$75.
Superfine Quality . . . 10 lbs. \$12.50, 100 lbs. \$105.

Cocoos Bent Seed. A strain of true stoloniferous (creeping) Bent, producing splendid turf of pleasing color and hard wearing quality.

10 lbs. \$22.50, 100 lbs. \$200.

Rhode Island Bent Seed. (Washington Crown.) A pure strain of Rhode Island Bent Grass, of strong vitality, producing excellent turf, especially on moist land.

10 lbs. \$15.00, 100 lbs. \$125.

Colonial Bent Seed. Identical as to seed and plant with Rhode Island Bent. We offer seed practically 100% pure.

10 lbs. \$13.50, 100 lbs. \$110.

Special Putting Green Bent Formula. Contains a heavy percentage of Bent Seed. Use one and a half pounds to each 100 sq. ft. on new greens, one-quarter to one-half of this quantity for renovating existing turf.

10 lbs. \$8, 100 lbs. \$70.

Bent Stolons. For those who prefer this method of establishing turf we offer Metropolitan and Washington Strains.

100 sq. ft. \$25.

Chewing's N. Z. Fescue. Produces a delightful mat-like turf of pleasing deep green color. Suits almost all soils, especially of sandy nature. We offer true seed of heavy weight, high vitality.

10 lbs. \$5.50, 100 lbs. \$45.

Prices, on larger quantities of the above, or on other turf producing grasses, on request.

Remember:—All our seeds are of the highest quality, obtained direct from the most reliable sources of supply and are botanically true to name. All seeds are new and are cleaned and re-cleaned until they are brought up to the highest possible state of purity and germination, special care being given to the elimination of weed seeds.

Without obligation we shall be pleased to send a representative who, from long experience, is qualified to advise regarding grasses and furnish such other information as is necessary for the best results.

Stumpp & Walter Co

Specialists in Golf Grass Seeds and Equipment

30-32 Barclay St., New York