Steel door-mat drag behind power sprayer made Crombie's work effective.

How Edgewood Eradicated Plantain and Dandelions

By E. A. CROMBIE, Greenkeeper

ARMS in the immediate vicinity of the Edgewood Country Club have been abandoned and no effort is made to cultivate the land. As a result, the dandelion and plantain situation on our grounds got so bad that drastic action had to be taken to eliminate it. In early spring, during blossom time, the rough next to the fairways was yellow with dandelion blossoms. Each of these coming to seed meant an extra crop not only in the immediate vicinity, but they were carried by the wind an indefinite distance.

We tried to eliminate these weeds by the use of caddies. The quantity removed by them was enormous, but it was an extremely expensive proposition. Later, however, we found that the fairways on which we had spent so much time and money were in practically the same condition as prior to the time the weeds were removed. This forced us to find some other solution.

Later, I read an article in one of the Department of Agriculture bulletins in which they stated that they had been very successful in some experimental work on dandelion eradication. After 7 applications of iron sulphate solution they had eliminated practically 98 per cent of the dandelion. Also, that it did not affect the grass in anyway, but there was a possibility that it may retard, to a small extent, some of the bent grasses on the greens.

Our condition was such that it was imperative that we do something, and at once, so it was decided to try this Sulphate of Iron solution. We did not want to run too much risk, so we experimented with the dandelion and plantain in the rough, paralleling the fairways, and after 5 applications of this solution, two weeks apart, we feel that our experiment has been very successful. We have had an extremely dry season, which has re-acted against this to a certain extent, and we believe that had we had an average summer rainfall the results would have been very much better.

Our method was as follows:

1. We used the Government formula—1½ lbs. of iron sulphate in granulated form dissolved in 1 gal. of water, filtering it through 4 thicknesses of cheese cloth.
2. We purchased a Friend power sprayer of 200 gal. capacity,

Mixing the iron sulphate calls for exact adherence to the directions. Have dependable men on this job.
with a motor attachment affixed.

3. We rigged this up with a drag attachment composed of steel door-mats. The object of this attachment was to bruise the fibre in the dandelion leaf before the solution was applied.

4. Spray nozzles, set about 18 in. apart, were arranged on a frame, set back of the mats, and operated at approximately 150 lb. pressure.

It is the intention next spring to go over not only rough, but fairways as well, and continue this process until the dandelion and the plantain situation is entirely eliminated.

NELSON OFFERS SYSTEM DESIGN SERVICE WITH “ROBIN” SPRINKLERS

Peoria, Ill.—Nelson Mfg. Co., makers of the Lark golf sprinkler, are offering to help green-committees and greenkeepers develop plans for watering fairways through underground hoseless systems. They will furnish without charge, when fairway sketches are submitted, blue prints and plans showing the arrangement, amount and sizes of pipes, fittings, valves, etc., necessary for fairway sprinkling. From these plans as furnished anyone competent in pipe installation can readily figure the cost of installation.

For sprinkling fairways in connection with these underground systems the Nelson Mfg. Co. is offering the new “Robin” pop-up sprinkler, which covers a diameter of 90 to 100 feet, eliminating half the cost of installation, when compared with the old type of underground sprinkler head.

The “Robin” pop-up is permanently placed in a malleable iron casing that is set in the ground with the top even with the surface. The water is fed to the sprinklers by pipes placed a foot below the surface, arranged for draining in winter.

The “Robin” pop-up is used to best advantage in series. If the water supply is sufficient, from two to five acres may be sprinkled at one time. Eight to ten sprinkler heads are used to an acre of fairway.

When the water is turned on the heads are raised by the water pressure and immediately start sprinkling. When sprinkling is finished, the control valve is closed and each head controlled by that valve drops to its place in its casing, closing the

Where only perfect turf will do use

Dreer’s Superior Grass Seeds

These special mixtures make superb greens and lawns for fine estates. They are admirably adapted to various conditions of soil, sunlight and shade.

Our Special Grass Seed Circular is free.

Dreer’s 1931 Garden Book contains many suggestions on lawns, ornamental planting and flower and vegetable gardens. Sent free to anyone mentioning Golfdom.

HENRY A. DREER
1306 Spring Garden Street

DUNHAM WATER-WEIGHT TRADE MARK
FAIRWAY ROLLER

ADJUSTABLE IN WEIGHT

By increasing or decreasing the amount of water in the hollow steel drums the Dunham Fairway Roller is adjustable to any weight from 1,300 to 1,500 pounds.

ROLLS UNEVEN SURFACES, TOO

The Dunham’s three giant sections operate independently to conform to the contour of the ground. Strongly made. Obtainable at principal distributors or direct from:

DUNHAM LAWN ROLLER CO.
113 Chambers St., New York, N. Y.
Canadian Office: Mount Royal Hotel, Montreal
Write for Details and Prices.