

## GREENKEEPING PROBLEMS

in

LEACH'S  
MAIL BAG

## Arsenate on Fescue

Sir:

Have you ever experimented with arsenate of lead on fescue grass, especially Chewing's fescue?

We in the Northwest are in a district which is very favorable to fescue greens. Very good greens may be obtained with it very reasonably.

A. S. (Seattle).

## Reply:

In the early days of my experimental work with lead arsenate, we had some very beautiful plats of Chewing's fescue growing in soil treated with very heavy doses of lead arsenate. Under the circumstances, I believe you will be entirely safe in treating this grass with arsenate of lead.

After satisfying ourselves that most grasses did well in arsenated soil, we discontinued the experimental work with many of these grasses, including fescues, simply because they are not used to any great extent in the East, their place having been usurped by the bent grasses.

B. R. Leach.

## This Combination O. K.

Sir:

I have been using an application of sulphate of ammonia regularly on my greens once a month. This year I intend to experiment with arsenate of lead as a weed and worm eradicator. Would there be any danger in using both these chemicals on a green?

J. N. (New York).

## Reply:

There will be no ill effects following the use of a combination of ammonium sul-

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phate and lead arsenate on turf. The two chemicals are entirely compatible.

B. R. Leach.

### Chickweed; Top-dressing

Sir:

(1) In using lead arsenate for weed control, how early would you start the treatment? One of our blue-grass and red-top greens has chickweed coming in pretty fast. How much should we apply per 1,000 sq. ft.? Would you recommend a second treatment; if so, how long after the first and how much?

(2) We fertilize during the month of May with milorganite, 300 lbs. to each green, which average 5,000 sq. ft. Would you split up that amount into more than one application? If you recommend sulphate of ammonia in the spring, how much and when should it be put on?

(3) We have never had any manure to put on our greens until last summer, when I used some soil from a field I plowed the year before. I took some wild land, manured it, raised a crop of rye, plowed it under, sowed buckwheat and soy beans the last of June, and plowed them under also. What do you think of this way to fix up dirt for applying to greens?

(4) Is it practical to change a blue-grass into bent gradually by the use of stolons each spring when top-dressing?

(5) On a 5,000-sq. ft. green, what is a light top-dressing, a medium one, a heavy one? Would you clip greens close in the spring?

A. S. (Wisconsin).

### Reply:

There is a decided difference of opinion in some of the matters you bring up, and my replies, in last analysis, are simply my personal opinions.

(1) For chickweed control, apply lead arsenate as soon as growth starts, 5 lbs. per 1,000 sq. ft. If, after three weeks, small spots of the weed still persist, give them an additional treatment with the chemical, but not the green as a whole.

(2) Put all the milorganite on the green in one application in early spring or late fall. During the cooler growing season 30 lbs. per 1,000 sq. ft. is a good application; half this amount during hot weather.

(3) Your method of preparing top-dressing is O. K.; much better in my