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producers of seed protectants, fungicides, miticides, insecticides, growth retardants, herbicides: Spergon, Phygon, Aramite, Synklor, MH, Alanap, Duraset.

I can suggest with confidence because of its fineness, similarity to bent and ease of maintenance. Another might be Sunturf, somewhat coarser than Ugandagrass but a good strain for this purpose, so far as we know. Genetift is still another fine strain.

Q. Will bermudagrass grow in this latitude? What other grasses do you recommend to stand the heat of our summer seasons in areas which are relatively unshaded? (S.D.)

A. Bermudagrass might possibly do some good in South Dakota in a very sunny spot with adequate fertilization, but the chances are against it. The season is so short that you wouldn't get much satisfaction even if it did grow.

Two cool-season grasses which stand summer heat well, when adequately fertilized and managed, are Merion bluegrass and Kentucky 31 fescue. You did not state intended uses of grasses you would like to plant.

Q. We have a clover problem with our greens. It seems that in the spring it isn't so bad but as the season progresses we can see a definite increase in clover. I've come to the conclusion I'm not fertilizing right. I had a soil test run and this is what the test shows: Phos. 30, Potash 8 and Nit. 4. How is that in accordance with what it's supposed to be?

At present I am doing as follows: Aerating and verticutting once a month and applying 33 per cent nitrogen every two weeks at the rate of 4½ lbs. per 1000 sq. ft. What else should I use, if anything? I don't keep my greens too wet if I can help it. But the grass on the front 9 seems thin and has no root system. My back 9 is altogether different — very little clover and a good healthy grass and root system. Of course, like most public courses, our front 9 gets 3 times the play the back 9 does. We have Arlington bent grass on the greens. (Mich.)

A. In giving the results of the soil test you neglected to state the pH value or lime requirement. This is important. The pH value of the greens should be about 6.5 for best results.

Without knowing the method in which the soil tests were run, I would say that the greens lack potash. You seem to be using adequate quantities of nitrogen. I would suggest that you apply 60 per cent muriate of potash at two pounds to 1,000 sq. ft. when you apply nitrogen. Apply limestone (dolomitic) to bring the pH up to 6.5 if the soil test shows acidity below 6.5. Clover may be coming in as a result of thinning of the grass from disease.

Q. I am having trouble with C-1 Arlington bent greens. It tests 7.6 pH. Don't you think this is running too high? I use ammonium sulfate (2 lbs. by bulk to 1000 sq. ft.) but it has very little effect. I was wondering if I could use ammonium phosphate also to increase acidity. This green looks bad as it has light green and dark green spots scattered over it. I use Vigoro and Milorganite as complete fertilizer. (Kans.)