

## Humber Valley Fortunate

By JOHN AUSTIN, *Greenkeeper*

*Humber Valley Golf Club, Humber Bay, Ont.*

WE ARE about to the end of another trying season, which all greenkeepers will be glad to see through. It has been an extra hot season with occasional heavy rains which did more harm than good for the greenkeeper.

I, myself, have been very fortunate, having suffered very little from disease to the greens. The method I have adopted is top-dressing my greens each month with an application of 30 pounds organic fertilizer and 6 pounds sulphate of ammonia per 1000 square feet with one-quarter yard compost, composed of one-third top soil, one-third sand, and one-third rotted manure or mushroom soil.

I have four greens which were badly scalded during July. The method I used on these greens was letting them dry out for five days; then I gave them a light application of sulphate of ammonia at rate of 5 pounds per 1000 square feet and watered them. I continued this for a period of three weeks at intervals of four days between each application. At the end of three weeks these greens were fully recovered from the scalds.

I do all my watering of greens in the morning between the hours of 7 and 10. This I do because we get heavy play during the day.

I think excessive watering will hasten the fungus diseases because it conduces rapid growth and weak tissues and also affects the bacterial activity which leaves the roots in a weakened condition and subject to disease.

## Bucyrus Was Hit Hard

By LLOYD ADAMS, *Greenkeeper*

*Bucyrus Country Club, Bucyrus, Ohio*

I WILL try and answer your questions as well as I can. Our greens became infested with webworm around the 15th of June. I treated with arsenate of lead, but not until late in July. We did not know what it was at first. I used 5 pounds to 1000 square feet, mixed with dirt—5 pounds to a bushel of ground, then watered in well and got good results.

In a week I could not find a worm. But have seen a few in the last two weeks, but don't think



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they are doing any damage. Our turf was affected with what I thought was small brown patch. I used Calo-Clor with good results.

I think our greens at one time were as bad as any I have heard of. They are all back now, but Nos. 3, 5 and 6, which were the last ones to go bad. However, they are slowly getting better.

I sulphated, 3 pounds to 1000 square feet, yet I think the hot weather is slowing them up a little now. But my worst greens are as good now as they ever were.

We never have used any other fertilizer but ammonium sulphate and I think that has been a little of our trouble this hot season. I believe over-feeding our greens has a lot to do with fungus diseases and the only time fungus shows up is when we get a big rain and hot, humid weather.

We have had more rainfall in our section than any place near around which makes me think too much water has a lot to do with it. Our greens seem to get hit as bad on dry spots as well as a wet green.

This is the first year we ever had any trouble and have had plenty to make up. I put in a new green June 10th, this year, but it came slower than any