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The Effect of Stimulate (or Calcium 5 S) on Rhizoctonia Development on Potato Stolons

During this past spring, the temperature was very cold with high rates of rainfall.

This cold wet soil was conducive to the development of Rhizoctonia on potato stolons as they develop on the young plants.

On June 16, Denny Wildman was conducting his field surveys for a potato grower for whom he is a consultant. He called and left the following message for me:

“Where the grower had placed 20 oz. of Stimulate per acre along with 5 gallons of Nitro Plus 9 in the potato seed furrow when he planted, there was less than 10% Rhizoctonia infection on the stolons. In the area where he did not do so, there was more than 70% infection of Rhizoctonia on the stolons.”

The above report would once again indicate that disease can be hormonally controlled.

This must be the plant’s natural immune system for disease protection.

This is one more instance that demonstrates the plant’s natural resistance to disease. It would appear that the control of soil borne diseases that occur on underground plant parts may be the easiest disease to control. We must wait to see what the effects are on diseases that occur on the foliage of a plant.

Regards,

Jerry