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# **D**iagnosing Sulphur Toxicity In Saskatoon Orchards

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## *Symptoms*

The leaves may have patchy, bronze discolorations (Figure 1); defoliation also may occur (Figures 2 and 3).

## *Causes*

Use of excessive application rates of Kumulus DF may cause symptoms of toxicity may appear. These include bronze discolorations of the leaves and possible defoliation of the shrub. Such toxic effects do not appear to have long-term effects on the plants.

## *Control*

Application rates and restrictions must be carefully followed when applying Kumulus DF.



**Figure 1.** Patchy, bronze discoloration resulting from sulphur toxicity.



**Figure 2.** Defoliation resulting from sulphur toxicity.



**Figure 3.** Defoliation resulting from sulphur toxicity.

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