

GA 151 X T 113, was studied in a greenhouse experiment. The five levels of Phosfon had a marked effect on early plant height and leaf coloration. A certain degree of recovery of height growth was observed except for some plants which were extremely stunted. At 60 days from the date of Phosfon application, there were no significant differences between the zero level and other levels of Phosfon. Chlorosis seemed to affect mostly the leaves which emerged within the first ten days from the date of application. At later dates all new leaves emerged with normal coloration. Levels of the chemical had no effects on the date of tasseling.

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4. Source of resistance to maize dwarf mosaic virus.

GA 209, a white inbred line, has given excellent ratings of resistance to dwarf mosaic virus in tests in Tennessee and Ohio. Small amounts of seed may be available for distribution.

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