



Research Article

Effect of fluoride toxicity on the growth and yield of wheat (*Triticum aestivum* L.)

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ABSTRACT : The effect of fluoride toxicity has been studied on the morphological parameters i.e. height / plant (cm.), number of leaves / plant, leaf area (sq. cm.) / plant, dry weight / plant (g), yield of seed / plant (g) and test weight (1000 seeds weight in gm.) of wheat (*Triticum aestivum* L.). Four varieties were selected for the experiment i.e. WH-711, HD-2932, PBW-502 and DBW-17. The experiment was conducted for one year in simple randomized block design and was followed by five treatments of NaF such as 10, 25, 50, 100 and 200 ppm along with control and four replications were taken. The results were recorded on an average basis taking three plants for each treatment in each block. Reduction in all characters was noted in higher concentrations of NaF i.e. 100 and 200 ppm doses of NaF in wheat in comparison to control.

KEY WORDS : Fluoride toxicity, Growth, Yield, Test weight (1000 seeds weight)

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