



Research Article

Effect of fluoride toxicity on biochemical parameters (chlorophyll, nitrogen, protein and phosphorus) of wheat (*Triticum aestivum* L.)

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ABSTRACT : The effect of sodium fluoride toxicity has been studied on chlorophyll content present in green leaves on 60th day of sowing of wheat varieties *i.e.* WH-711, HD-2932, PBW-502 and DBW-17 for one year. Nitrogen percentage, protein content (%) and phosphorus % of oven dried plant material at harvest was also estimated. Simple randomized block design was followed with four replications and six treatments including control. Five concentrations of sodium fluoride were taken as 10, 25, 50, 100 and 200 ppm and one control. On the basis of experimental findings the results were found significant. The higher concentrations of NaF from 100-200 ppm were found toxic in all the four varieties of wheat.

KEY WORDS : Wheat varieties, Fluoride toxicity, Chlorophyll, Protein content

How to cite this Article : Kumar, Trivender, Dhaka, T.S. and Arya, K.P. Singh (2013). Effect of fluoride toxicity on biochemical parameters (chlorophyll, nitrogen, protein and phosphorus) of wheat (*Triticum aestivum* L.). *Internat. J. Forestry & Crop Improv.*, 4 (2) : 80-83.

Article Chronical : Received : 26.07.2013; Revised : 13.11.2013; Accepted : 24.11.2013

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