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RESEARCH ARTICLE

Study of genotype dependent response against treatment of As+Se in barley

■ KULDEEP KUMAR, MADHU RANI AND A.K. SRIVASTAVA

SUMMARY

The present paper deals with the genotoxicity assessment of five partially tolerant and five non-tolerant accessions of *Hordeum vulgare* (barley) for the heavy metals arsenic and selenium in combination. The genotype dependent response was studied using root meristem cytology. These two heavy metals in combination influenced mitotic division inducing various kinds of anomalies.

Key Words : *Hordeum vulgare*, As+Se, Genotoxicity

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