

Theme of the session: Life Sciences and Agricultural Sciences

**AN OVERVIEW ON THE VARIOUS PHYSIOLOGICAL ROLES OF
BRASSINOSTEROIDS IN THE PAST DECADE – A MINI REVIEW**

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Abstract

Brassinosteroids (BRs) are a novel group of plant growth regulators (PGRs) that exhibit pronounced growth promoting activities. Since their discovery in 1970's, BRs have reported to play pivotal role as a new PGR in the field of crop growth and development. Extensive reach on the role of BRs in positively modulating a wide range of processes, including source/sink relationship, seed germination, photosynthesis, senescence, photo morphogenesis, flowering and responses to abiotic and biotic stresses had been carried out in the past forty years. The present mini- review highlights on various physiological roles of BRs in plants in the past decade.

Key Words: Brassinosteroids; PGRs; Plant Growth and Development