REVIEW ARTICLE

ROLE OF PLANT GROWTH REGULATORS IN HYBRID SEED PRODUCTION

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Abstract: The production potential of vegetable seed production depends on many factors, among them; plant growth regulators appreciably influence the growth, yield and quality of produced seed. Plant growth regulators play an important role in the formation of flowers, stems, leaves, shedding of leaves, and the development and ripening of fruit. Plant growth regulators shape the plant, affecting seed growth, time of flowering, the sex of flowers, senescence of leaves, fruit drop and quality seed. Therefore the available literatures relating to the response of plant growth regulators on seed yield, flowering and quality of seed crops carried out at various places in India and abroad have been briefly reviewed in order to throw light on our existing knowledge, for understanding role of plant growth regulators.

Keywords: PGR, Seed production, Gamotocides, Seed yield

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