

RESEARCH ARTICLE

Exogenous supply of IAA, GA and cytokinin to salinity stressed seeds of chickpea improve the seed germination and seedling growth

■ SHWETA TYAGI AND SANJEEV KUMAR

SUMMARY

When 1×10^{-9} M NaCl stressed seeds of *Cicer arietinum* cv. SURYA treated with growth hormones (*i.e.* 1×10^{-8} M of IAA, 1×10^{-5} M of Kn and 1×10^{-4} M of GA), it was found that all the phytohormone enhanced seed germination and seedling growth and the level of total nitrogen and enzyme activities *i.e.* amylases, proteases and phosphatases in treated seeds, being maximum at combined treatment of IAA+GA+Kn of these concentration.

Key Words : Salinity, Phytohormones, Auxin, Gibberellins

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MEMBERS OF THE RESEARCH FORUM

Author to be contacted :

SHWETA TYAGI, Department of Botany, D.A.V. College,
MUZAFFARNAGAR (U.P.) INDIA

Email: shewatyagi@gmail.com

Address of the Co-authors:

SANJEEV KUMAR, Department of Botany, D.A.V. College,
MUZAFFARNAGAR (U.P.) INDIA