

RESEARCH ARTICLE

Role of hormone on qualitative and quantitative characterization of chillies (*Capsicum annum* L.)

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SUMMARY

The present investigation deals with the anatomical features of *Capsicum annum* with the application of plant growth hormone as NAA. The characters indicate the close inter relationships among the different samples of control and treated include the presence of amphistomatic Stomata, Xylem rays and more number of cortical cells showing positive growth and yield in the samples treated with NAA 40 PPM. The root, stem, leaf and fruit anatomical characters revealed enhanced and positive readings in the cell size, mesophyll tissue of the leaf and mesocarp of the fruit the samples treated with NAA 40 PPM.

Key Words : Capsicum, Anatomy, NAA, Stomata

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