



RESEARCH NOTE

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Effect of PGR, chemicals and plant extract on seed germination and seedling growth of custard apple (*Annona squamosa*)

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ABSTRACT : The aim of this study was to evaluate the effect of PGR, chemicals and plant extract on seed germination and seedling growth of custard apple. The results of present investigation clearly showed the significant differences with respect to effect of seed soaking in 50 ppm GA₃ for 48 hrs on days required for germination, germination percentage, seedling height, stem diameter and number of leaves per seedling of custard apple. As these results are based on single trail extensive trials may be conducted to confirm the findings. Thus, it can be concluded that seed treatment of GA₃ at 50 ppm for 48 hrs was helpful to get higher germination and seedling growth of custard apple.

KEY WORDS : *Annona squamosa*, Custard apple, GA₃, PGR, PPM, Seed germination

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