

RESEARCH NOTE

## An *in vitro* evaluations of chemicals on the growth of *Erwinia caratovora* subsp. *caratovora* causing tip-over disease of banana

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### ABSTRACT

An *in vitro* evaluation was carried out on commercially available antibacterial chemicals to find out their effectiveness against the growth of *Erwinia caratovora* subsp. *caratovora*. Among the different chemicals tested *in vitro*, streptomycin at 500 ppm has shown highest inhibition zone followed by copper oxychloride and copper hydroxide each at 3000 ppm. Among the different antibacterial chemicals in combination with copper chemicals evaluated results revealed that copper oxychloride and copper hydroxide both (3000 ppm) each in combination with streptomycin (500 ppm) exhibited superior inhibition zone followed by streptomycin and copper hydroxide than with copper sulphate.

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