



Research Note

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Effect of growth regulators and certain organic sprays on bunch characters in banana cv. ROBUSTA

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ABSTRACT : The investigation aimed at to study the effect of growth regulators and organic sprays on bunch characters of banana variety Robusta. Fourteen different treatments (including control) were imposed in this experiment. The treatment comprised of various combinations of growth regulators (GA 50 ppm and NAA 25 ppm) and organic sprays (vermiwash, cow's urine, coconut water) as well as cultural practices (dehanding one or two apical hands, bunch cover using polythene tube) along with a control (without any treatments). The growth regulators and organic sprays were applied one month after emergence of the bunch. The bunch weight, bunch length, weight of hands, weight of fingers, pulp weight increased while bunch maturity period decreased by the application of the treatment consist of removing one apical hand and spraying 50 ppm GA, one month after bunch emergence. The results also showed that bunch shape index, finger girth increased whereas when the treatment consist of removal of two apical hands and spraying of 50 ppm GA one month after bunch emergence was imposed. The finger length and number of fingers falling in the acceptable range were also improved by application of GA 50 ppm clubbed with one or two apical hands.

KEY WORDS : Banana, Growth regulators, Vermiwash, Dehanding, Bunch covers, Cows urine

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