



**RESEARCH ARTICLE :**

## Impacts of nutrient management and chlormequat application on economics of maize

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**SUMMARY :** The field experiment was conducted during *Kharif* season of 2013-2014 on field No.10 of Agronomy farm, College of Agriculture, Nagpur. The experiment was laid out in Split plot design with twelve treatment combinations comprising three levels of nutrient management viz., N<sub>1</sub>-100% RDF (120:60:30 NPK kg ha<sup>-1</sup>), N<sub>2</sub>-125% RDF (150:75:37.5 NPK kg ha<sup>-1</sup>) and N<sub>3</sub>-150% RDF (180:90:45 NPK kg ha<sup>-1</sup>) and four foliar applications of chlormequat viz., C<sub>0</sub> (No application), C<sub>1</sub> (500 ppm), C<sub>2</sub> (750 ppm) and C<sub>3</sub> (1000 ppm) concentrations, forming 12 treatment combinations replicated three times. Application of 150% RDF and 1000 ppm chlormequat application to maize crop recorded highest gross monetary as well as net monetary return and B: C ratio.

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**KEY WORDS :**

Maize, Nutrient management, Chlormequat, economics

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