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26th May, 2024

To,

The Editor-in-chief,

Madras Agricultural Journal

Dear Sir/Madam,

Greetings!

I am writing in regards to our manuscript entitled as ‘**Effect of varied levels of gibberellin, anti-gibberellin and cytokinin on growth and tuberization in potato’** for your consideration to publish in **‘Madras Agricultural Journal’** under article type **‘Original Article’.** The research work described in this manuscript focuses on Plant hormones play a significant role in potato tuberization. While Gibberellins inhibit tuberization, anti-gibberellins (Paclobutrazol and CCC) and cytokinins promote tuberization in potato. Our experiments demonstrated the clear roles of these hormones in facilitating tuberization in potato. while PBZ and CCC, a GA inhibitor, reduced the plant height by inhibiting GA-induced stem elongation. Through this work, we have specifically observed that Gibberellins increased the stolon number and Benzyl amino purine (BAP) increased the tuber number and fresh weight in potato.

I chose to submit this manuscript to ‘**Madras Agricultural Journal**’ because of its reputation for publishing high-quality research in the field of agricultural sciences. I have carefully reviewed the journal’s guidelines for authors and ensured that the manuscript adheres to the required formatting and submission requirements.

I confirm this manuscript has not been previously published or submitted to any other journals and corresponding author have reviewed and approved the content of the manuscript and have agreed to its submission to ‘**Madras Agricultural Journal**’. I would like to emphasize that for this research and hereby humbly request to this manuscript is accepted for publication.

Thank you, and eagerly anticipate your response.

Yours sincerely,

Regards

**B. MOHAN RAJU**

**Title**

**Effect of varied levels of gibberellin, anti-gibberellin and cytokinin on growth and tuberization in potato**

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