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The chief editor,

Madras Agricultural journal.

Director, Centre for Plant Molecular Biology and Biotechnology & Dean, School of Post Graduate Studies,

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Dear Editor

Subject: **Cover letter for the review article Challenges in Pomegranate Production -Review**

I am Chandana M.R., Ph. D. Scholar ICAR IARI New Delhi. I am writing to you to submit a comprehensive review article entitled “Challenges in Pomegranate Production -Review" for consideration for publication in Madras Agricultural journal.

Our review encompasses a detailed examination of the various diseases and pests affecting pomegranate cultivation, including bacterial blight, bacterial wilt, anthracnose, and the impact of major pests like fruit borers and fruit-sucking moths. We have provided an insightful analysis of the economic losses attributed to these challenges, with supporting data on yield losses and distribution areas. The core of the article revolves around in-depth discussions on the most prevalent diseases, such as bacterial blight, where we explore the symptoms, etiology, and various control measures, including cultural practices, biological methods, and chemical interventions. The comprehensive analysis extends to other diseases like pomegranate wilt and anthracnose, providing a holistic view of their symptoms, etiology, and effective management strategies. Additionally, we also discussed on major insect-pest management in pomegranate, including thrips, fruit borers, and fruit-sucking moths. Our focus on physiological disorders such as fruit cracking and internal breakdown adds another layer of understanding to the challenges faced by pomegranate growers.

Given the extensive research and detailed insights provided in this review, we believe it would make a valuable contribution to the body of knowledge in the field of horticulture and agriculture. The article not only identifies the challenges but also offers practical and cost-effective solutions to enhance profit margins and encourage sustainable farming practices.

We humbly submit it for your kind consideration. We believe that the insights presented in this review will be of great interest to your readership and contribute positively to the on-going discourse in pomegranate cultivation. Expecting positive replay.

Sincerely,

Chandana M.R.