



## Publications

### Research Articles

- Amritha, K.T.K., Muralikrishna, K.S., Habeeb, J., Chandran, K.P., Paulraj, S. and Rajesh, M.K. 2025. 5-Azacytidine promotes the induction of embryogenic calli and somatic embryos from transverse thin cell layer (tTCL) cultures in coconut. *Chilean Journal of Agricultural Research*, **85**(1): 77-87. NAAS Rating: 7.50.
- Anes, K.M., Patil, J., Babu, M., Aarthi, N., Gotyal, B.S., Josephraj Kumar, A., Mhatre, P.H., Jilu, V.S., Gowda, M.T. and Puza, V. 2025. *Steinernema keralense* n. sp., a new entomopathogenic nematode (Nematoda: Steinernematidae) from India. *Journal of Helminthology*, **99**(31): 1–16. <https://doi.org/10.1017/S0022149X25000136>. NAAS Rating: 7.30.
- Anok Uchoi, Subramanian, P., Ravi Bhat, Singh, L.S., Lungmuana Singson, Alpana Das, Manoj Kanti Debnath and Arup Jyoti Pathak 2025. Analytical study of integrated nutrient management on yield of arecanut and soil nutrient status under Assam conditions of North East region of India. *Plant Archives*, **25**(2): 2106-2112. NAAS Rating: 5.59.
- Aparna Veluru, Neema Mohamed, Krishna Prakash, Fathimath Zaeema, M.P., Sudha, R. and Muralikrishna, K.S., 2025. Standardization of cryopreservation in coconut (*Coconut nucifera*) plumule based on vitrification technique using V-cryomesh. *Current Horticulture*, **13**(2): 42–47 NAAS Rating: 4.62.
- Arun Kumar Sit and Sandip Shil 2025. Comparative study of different arecanut-based cropping system models under sub Himalayan terai region. *Journal of Plantation Crops*. **52** (2): 55-61. NAAS Rating: 4.65.
- Arun Kumar, R., Surulirajan, M., Senthilkumar, N., Niral, V., Sumitha, S. and Augustine Jerard, B. 2025. First report on dwarf x dwarf coconut (*Cocos nucifera* L.) hybrids at cyclonic east coastal region of India. *Journal of Plantation Crops*, **52**(2); 69-80, 2454-8480, 0304-5242. NAAS Rating: 4.65.
- Balanagouda Patil, Amoghavarsha Chittaragi, Diksha Loona, Hosagoudar, G.N., Prathibha, V.H., Man Mohan, Manjunath, S., Hurakadli, Thava Prakasa Pandian, R., Shivaji H. Thube, Vinayaka Hegde and Manjunath K. Naik 2025. Weather-driven dynamics of fruit rot disease in arecanut—a time series approach using ARIMA and SARIMA models. *Plant Pathology* **74**(8): 2412-2426. <https://doi.org/10.1111/ppa.70034>. NAAS Rating: 8.30.
- Bhagya, N., Chinmaya Narayana, K., Mohammad Arefian, Keshava Prasad, T.S., Gangaraj K.P., Prathibha, V.H., Thava Prakasa Pandian, R., Nirmal Kumar, B.J., Chaithra, M., Paulraj, S. and Rajesh, M.K. 2025. A Gel-free genome annotation provides insights into the proteome of the oomycete *Phytophthora meadii*, a disease-causing pathogen in economically important crops. *OMICS: A Journal of Integrative Biology*, **29**:8: 384-393. NAAS Rating: 8.20.
- Daliyamol, Keerthana, J., Thamban, C., Prathibha, V.H., Sabana, A.A., Rajkumar and Vinayaka Hegde 2025. First report of crown rot of coconut (*Cocos nucifera* L.) caused by *Neodeightonia phoenicum* in India. *Australasian Plant Pathology*. **54**: 137–141 <https://doi.org/10.1007/s13313-025-01024-7>. NAAS Rating: 6.90.
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- Daliyamol, Keerthana, J., Sabana, A.A., Subramanian, S. and Vinayaka Hegde 2025. First report of

*Fusarium incarnatum* associated with leaf spot disease of cinnamon in India. *Journal of Plant Pathology*; 1283–1284. NAAS Rating: 8.20.

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- Gangaraj, K.P., Rajesh, M.K., Ashok Kumar Jangam, Prathibha, V.H., Ramesh, S.V., Ginny Antony, Jasmin Habeeb, Amritha, K.T.K., Muralikrishna, K.S., Rajitha, P.B. and N. Hemalatha 2025. Decoding the coconut-phytophthora conflict: insights from dual RNA-seq analysis. *Journal of Plant Pathology*. <https://doi.org/10.1007/s42161-025-02019-5>. NAAS Rating: 8.20.
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