

Publications

- Physical interaction of RTBV ORF1 with D1 protein of *Oryza sativa* and Fe/Zn homeostasis play a key role in symptoms development during rice tungro disease to facilitate the insect mediated virus transmission (P. Srilatha, Faisal Yousuf, Ramesh Methre, T. Vishnukiran, Surekha Agarwal, Yugandhar Poli, M. Rahyrami Reddy, B. Vidyasagar, Chitra Shanker, D. Krishnaveni, S. Triveni, Brajendra, Shelly Praveen, S. M. Balachandran, D. Subrahmanyam, Satendra Kumar Mangrauthia) [FULL PAPER](#)

- Swarna x *Oryza nivara* introgression lines: a resource for seedling vigour traits in rice (Krishnam Raju Addanki, Divya Balakrishnam, Venkateswara Rao Yadavalli, Malathi Surapaneni, Sukumar Mesapogu, Kavitha Beerelli and Sarla Neelamraju) [ABSTRACT](#)
[FULL PAPER](#)

- New breeding technique " genome editing " for crop improvement: applications, potentials and challenges (Supriya B. Aglawe, Kalyani M. Bardadikar, Satendra K. Mangrauthia, M Sheshu Madhav) [ABSTRACT](#)

- **Identification of rice landraces with promising yield and the associated genomic regions under low nitrogen** (I. Subhakara Rao, C. N. Neeraja, B. Srikanth, D. Subrahmanyam, K. N. Swamy, K. Rajesh, P. Vijayalakshmi, T. Vishnu Kiran, N. Sailaja, P. Revathi, P. Raghuvveer Rao, L. V. Subba Rao, K. Surekha, V. Ravindra Babu & S. R. Voleti)
[Abstract](#)

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[Full Paper](#)

- **Crop Improvement Strategies for Mitigation of Methane Emissions from Rice** (Di

vya BalaKrishnan
, Kalyani Kulkarni, P.C. Latha, D. Subrahmanyam)

[Abstract](#)

- **Incorporation of the novel bacterial blight resistance gene Xa38 into the genetic background of the elite rice variety Improved Samba Mahsuri** (Arra Yugander¹,

Raman M. Sundaram

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, Kuldeep Singh

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, Duraisamy Ladhalakshmi

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, Lella V. Subba Rao

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, Maganti Shehu Madhav

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, Jyothi Badri

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, Madamsetty Srinivas Prasad

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, Gouri Sankar Laha

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[Full Paper](#)

- Genotype x Environment interactions of Nagina22 rice mutants for yield traits under low phosphorus, water limited and normal irrigated conditions(Yugandhar Poli, Divya Balakrishnan, Subrahmanyam Desiraju, Madhusmitha Panigrahy, Sitapati Rao Voleti, Satendra Kumar Mangrauthia & Sarla Neelamraju) [ABSTRACT](#) [FULL PAPER](#)