

Other Technical Articles

1. **Gomathi, R** and K. Chandran 2009. "Effect of waterlogging on growth and yield of sugarcane clones". SBI Quarterly Newsletter (July-Sep). Vol.29 (No.4).
2. **Gomathi, R** and S.Vasanth. 2010. "Screening for Drought Tolerance In Sugarcane" Edited by T.Rajula Shanthi, Published by N. Vijayan Nair, Sugarcane Breeding Institute (ICAR), Coimbatore. Extension Pub. No. 180.
3. **Gomathi, R**, Chandran, P.N. Gururaja Rao and P.Rakkiyappan. 2010. "Effect of Waterlogging in Sugarcane and its Management" Edited by T.Rajula Shanthi, Published by N. Vijayan Nair, Sugarcane Breeding Institute (ICAR), Coimbatore. Extension Pub. No. 185.
4. **Gomathi, R** and S.Vasanth. 2010. "Karumpil Vartcheyai Thangum Eragangalukana Thervu Murai" Edited by T.Rajula Shanthi, Published by N. Vijayan Nair, Sugarcane Breeding Institute (ICAR), Coimbatore. Extension Pub. No. 179.
5. Vasanth, S., **R. Gomathi** and P.Rakkiyappan. 2010. "Screening for Salinity Tolerance in sugarcane" Edited by T.Rajula Shanthi, Published by N. Vijayan Nair, Sugarcane Breeding Institute (ICAR), and Coimbatore. Extension Pub. No. 181.
6. Vasanth, S. and **R. Gomathi** and P.Rakkiyappan. 2010. "Uvar Nelathil Karumbu Melanmai" Edited By T.Rajula Shanthi, Published by N. Vijayan Nair, Sugarcane Breeding Institute (ICAR), Coimbatore. Extension Pub. No. 182.
7. **Gomathi, R.**, S.Vasanth, P.Rakkiappan, Rejula Shanthi. 2011. Etho Puthiya Eragankel Matrum Puthiya Kandupedipukal. Valarum Vevasaya Thamizhagam. 44-45.
8. **Gomathi, R.**, S.Vasanth, P.Rakkiappan, Rejula Shanthi. 2011.Varacheyai Thaankum Putheya Eragankel. Malarum Melanmai. May issue. 51-52.
9. **Gomathi, R.** and K.Chandran 2013. Response of Sugarcane to Waterlogging Stress. Proceedings In. "Advances in Abiotic stress management" UGC, SAP- National seminar Edit by C. Chandrashekar, Head of Crop Physiology (TNAU) and published by Tamil Nadu Agriculture University.
10. **Gomathi R**, S.Vasanth, P.Govindaraj S. Alarmelu and A.Anna Durai. 2013. Rapid physiological tools for screening drought tolerance in sugarcane. SBI NEWS. June 2013 issue. 33(3).
11. **Gomathi, R.**, S.Vasanth and A.Suganya. 2013. Temperature induction response technique – a protocol for screening thermotolerance in sugarcane e condition. SBI NEWS, July-Sep issue. 34(1).
12. Anna Durai, A., **R. Gomathi** and Adhini S. Pazhany . 2014. Physiologically efficient sugarcane parental clone in National Hybridisation Garden. SBI News. 34(2):2-3.
13. **Gomathi R.**, S.Vasanth, P.N.Gururaja Rao and T.Rajula Shanthi 2014. Abiotic stress management in sugarcane (In Tamil). Extension publication No. 228. Published by Director Sugarcane Breeding Institute (ICAR), Coimbatore.
14. **Gomathi R.**, S.Vasanth, P.N.Gururaja Rao and T.Rajula Shanthi 2014. Abiotic stress management in sugarcane (In English). Extension publication No. 229. Published by Director Sugarcane Breeding Institute (ICAR), Coimbatore.

15. **Gomathi R.**, S.Vasanth, P.N.Gururaja Rao and T.Rajula Shanthi 2014. Abiotic stress management in sugarcane (In Hindi). Extension publication No. 230. Published by Director Sugarcane Breeding Institute (ICAR), Coimbatore.
16. Vasantha S., **R. Gomathi**, Anup Ghosh and C.Brinda. 2014. Improved yield of sugarcane with sea weed saps. SBI News. 34(4):1-3.
17. **Gomathi, R.** and P.N.Gururaja Rao.2014. Physiological perspective on ratooning of sugarcane in tropical India. [http://www.scribd.com/ 224661890](http://www.scribd.com/224661890).
18. **Gomathi R.**, S.Vasanth, P.N.Gururaja Rao and T.Rajula Shanthi 2015. Abiotic stress management in sugarcane (In Hindi). Extension publication No. 248. Published by Director Sugarcane Breeding Institute.
19. **Gomathi, R.**, S.Vasanth and R. Arunkumar.2016. Screening methodologies for drought and salinity tolerance in sugarcane. In. Biotechnological and conventional tools for biotic and abiotic stresses management in sugarcane. Edited and compiled by Dr. Bakshi Ram, P.Govindaraj, A.Ramesh Sundar and A. Bhaskaran and Published by Dr. Bakshi Ram, The Director, Sugarcane Breeding Institute. Pg. 272-76.
20. **Gomathi, R.**, and S. Kohila .2016. Impact of temperature extremes on sugarcane growth and development. In. Biotechnological and conventional tools for biotic and abiotic stresses management in sugarcane. Edited & Compiled by Dr. Bakshi Ram, P.Govindaraj, A.Ramesh Sundar and A.Bhaskaran and Published by Dr. Bakshi Ram, The Director, Sugarcane Breeding Institute. Pg. 162-170.
21. Arunkumar, R. **R.Gomathi**, and K.Chandran.2016. Physiological perspectives for waterlogging tolerance in sugarcane. In. Biotechnological and conventional tools for biotic and abiotic stresses management in sugarcane. Edited and compiled by Dr. Bakshi Ram, P.Govindaraj, A.Ramesh Sundar and A.Bhaskaran and Published by Dr. Bakshi Ram, The Director, Sugarcane Breeding Institute. Pg. 151-157.
22. Kohila, S. and **Gomathi, R.** 2016. Veppa Salanathal Karumbu Payer Eragakangalil Earpadum Payer Venayeyal Maruthalgal. In Tamil Book: Velan Ariviyal Tamil Eyakkam. Edited by. R. Venodh, V.Uzhaganathan, R.Kalaiyarsi and T. Divya Priya and published by. The Director, Agricultural Science Tamil Association, New Delhi, Payer Marabeyal (Plant Genetics) pp: 251-255.
23. **Gomathi, R.** S. Kohila and K. Ramachandran. 2017. Kadarpassi Sathai elai vali urameduthal mullam karumbu payyeril magasolai athigapaduthuthal . Uzalaviyal. Edited by Muthamizh Sevan. Velan Ariviyal Tamil Eyakkam, New Delhi. P.No. 389-393. ISBN No. 978-93-87314-04-7
24. Mohanraj, K., C. Appanu, G.Hemaprabha, A.Anna Durai, C. Mahadevaiah, **R.Gomathi**, T. Rejula Shanthi and Bakshi Ram. 2018. Sugarcane Co 06022: Package of practices. Published by Dr. Bakshi Ram, Director, ICAR- SBI, Coimbatore- 7, Tamil Nadu. Extension publication No. 251 (2018).
25. **Gomathi R.**, Vasantha, S. Arun Kumar, R., Rajesh Kumar & Braj Mohan Singh Baghel.(2018). Effect of waterlogging in sugarcane and its management. *Gannaprakash*: P.No: 51-53.

26. Vasantha, S., Arun Kumar, **R. Gomathi**, R. Rajesh Kumar & Braj Mohan Singh Baghel (2018).Control of flowering in the commercial crop of sugarcane. *Ganna Parkash*-P.No: 44-46.
27. Vasantha, S., **R. Gomathi**, R. Arun Kumar, V. Krishnapriya. 2022. Impact of drought stress and its mitigation in sugarcane. Compiled and edited by: R. Viswanathan et al. Published by G. Hemaprabha. ICAR-Sugarcane Breeding Institute, Coimbatore. Extension publication number: 327.
28. Vasantha, S., **R. Gomathi**, R. Arun Kumar, V. Krishnapriya. 2022. Impact of salinity stress and its mitigation in sugarcane. Compiled and edited by: R. Viswanathan et al. Published by G. Hemaprabha. ICAR-Sugarcane Breeding Institute, Coimbatore. Extension publication number: 328.
29. Vasantha, S., **R. Gomathi**, R. Arun Kumar, V. Krishnapriya. 2022. Kalar nilathinaal karumbil baadipugalum matrum matrum ugandha melaanmai thirangalum (Tamil). Compiled and edited by: R. Viswanathan et al. Published by G. Hemaprabha. ICAR-Sugarcane Breeding Institute, Coimbatore. Extension publication number: 330.
30. Vasantha, S., **R. Gomathi**, R. Arun Kumar, V. Krishnapriya. 2022. Varatchiyaal karubil yerpadum baadipugalum matrum ugandha melaanmai thirangalum (Tamil). Compiled and edited by: R. Viswanathan et al. Published by G. Hemaprabha. ICAR-Sugarcane Breeding Institute, Coimbatore. Extension publication number: 329.