

### Awarded Research Papers

- A research paper entitled, "Sugar beet cultivation in tropical India – A new experience", by Patil A.S., Pawar B.H., Salunkhe A.N., Ghodke P.V., Shewate S.R. and Patil D.J. was awarded **Noel Deer Gold Medal** during 69<sup>th</sup> STAI Convention held at Aurangabad. (August 2008).
  - A research paper entitled, "Sugar beet juice extraction system - An experience with 100 TBD sugar beet pilot plant- working at Samarth SSK Ltd. (MS)" by Kale K.B., Londhe M.B., Changude R.A., Patil P.G. and Borawake S.D. was awarded **STAI Silver Medal** during 69<sup>th</sup> STAI Convention held at Aurangabad. (August 2008).
  - A research paper entitled, "Trichogramma chilonis an egg parasite of sugarcane early shoot borer and internode borer" by Patil A.S., Yadav R.G. and More R.N published in Baliraja was awarded Dr D.G. Kulkarni award (**Second Prize and Certificate**).
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- Bhoi P.G., Takalkar B.J. (2008) Present scenario of sugar industry in Maharashtra and its future strategies. Co-operative Sugar 40(3), 41-48
  - Dalvi S.G., Gudhate Prachi, Tawar P.N., Theerthaprasad D. (2008) Abstract - Low cost support matrix for potato micropropagation. Proceedings of Global Potato Conference, New Delhi, 58
  - Deshmukh A.S., Shinde P.P., Katake S.S., Phonde D.B., Mali V.S. (2008) Fertigation in sugarcane to increase cane and sugar productivity. Proceedings of 69<sup>th</sup> Annual Convention of STAI Agriculture 90-91
  - Doule R.B., Kavar P.G., Nerkar Y.S., Devarumath, R.M. (2008) Field performance of promising somaclonal variants and RAPD analysis to assess genetic variation in sugarcane (*Saccharum* spp.) Indian Journal of Genetics and Plant Breeding 68(3), 301-306
  - Ghodke P.V., Phonde D.B., Shewate S.R., Bhoi P.G. (2008) Efficacy of new herbicide in sugarcane. Proceedings of 69<sup>th</sup> Annual Convention of STAI Agriculture 142-152
  - Ghodke P.V., Shewate S.R., Shinde S.H. (2009) Effect of nitrogen levels and varieties on sugar beet growth, yield and quality. Co-operative sugar 39(11), 29-33
  - Hapase R.S., Repale J.M., Pawar D.S. (2008) An early maturing sugarcane variety VSI 434 for Maharashtra. Proceedings of 69<sup>th</sup> Annual Convention of STAI Agriculture 12-19
  - Hapase R.S., Repale J.M., Sushir K.V. (2008) Performance of promising sugarcane genotypes at Vasantdada Sugar Institute. Indian Sugar 58 (7), 35-41
  - Patil D.J., Shivankar S.B., Patil S.S., Vasekar V.C., Pawar B.H. (2008) Efficacy of chemical fungicide against *Erysiphe betae*. Proceedings of 39<sup>th</sup> Annual Convention of SISSTA 29-33.
  - Pawar B.H., Patil D.J., Shivankar S.B., Patil A.S. (2008) Natural occurrence of diseases on sugar beet in Maharashtra. Proceedings of 69<sup>th</sup> Annual Convention of STAI Agriculture 80-89
  - Pawar V.N., Takalkar B.J. (2008) Resource use efficiency in planted crop of sugarcane in South Maharashtra. Proceedings of 39<sup>th</sup> Annual Convention of SISSTA 93-96
  - Phonde D.B., Pawar B.H., Yadav R.G. (2008) Response of sugarcane to level and sources of silicon medium deep black soils - an abstract. International Conference on Silicon in Agriculture, Kwazulu-Natal, South Africa 66
  - Phonde D.B., Mane-Patil S.B., Undre B.V., Shinde S.H. (2009) Evaluation of different modules of integrated nutrient management in suru sugarcane for sustainable productivity. Poster presentation in the seminar on Soil Management for Food Security, MPKV Rahuri
  - Prabu G.R., Kavar P.G., Dixit G.B., Theerthaprasad D. (2008) First report of Phytoplasma and virus pathogen associated with Sugarcane Grassy Shoot disease in India. Sugar Cane International 26(5), 14-16
  - Prabu G.R., Kavar P.G., Theerthaprasad, D. (2008) Differential filtration approach for isolation

and enrichment of Sugarcane Grassy Shoot (SCGS) phytoplasma. Sugar Tech 10(3), 274-277

- Shewate S.R., Ghodke P.V., Patil A.S. (2008) Effect of sowing time and varieties on sugar beet growth, yield and quality. Co-operative Sugar 39(9), 31-34
- Shinde P.P., Deshmukh A.S. (2008) Rain-gun sprinkler irrigation for increasing water and fertilizer use efficiency in sugarcane agriculture. Proceedings of 39<sup>th</sup> Annual Convention of SISSTA 77-79
- Shinde V.D., Magar S.B., Yadav R.G., Patil A.S. (2008) Population build-up of sugarcane woolly aphid, *Certovaccuna lanigera* in Maharashtra and its relation with establishment of predator, *Dipha aphidivora*. Proceedings of 69<sup>th</sup> Annual Convention of STAI Agriculture 112-120
- Shivankar S.B., Magar S.B., Shinde V.D., Yadav R.G., Patil A.S. (2008) *Spodoptera litura*, a major pest of sugarbeet in tropical India. Co-operative Sugar 39(10), 39-43
- Shivankar S.B., Magar S.B., Shinde V.D., Ghodke P.V., Yadav R.G., Patil A.S. (2008) Role of avian community in reduction of *Spodoptera*, pest population in sugar beet at Pune. Our Nature 6, 19-25.
- Singh Apekshita, Devarumath R.M., Rama Rao, S., Singh V.P., Raina S.N. (2008) Assessment of genetic diversity, and phylogenetic relationships based on ribosomal DNA repeat unit length variation and Internal Transcribed Spacer (ITS) sequences in chickpea (*Cicer arietinum*) Cultivars and Its Wild Genetic Resources and Crop Evolution 55 (1), 65-79
- Takalkar B.J., Pawar V.N. (2008) Season-wise varietal distribution and their effect on cane yield and sugar recovery. Proceedings of 39<sup>th</sup> Annual Convention of SISSTA 25-28
- Tawar P.N., Sawant R.A., Dalvi S.G., Nikam A.A., Kawar P.G., Devarumath R.M. (2008) Assessment of somaclonal variation in micropropagated plants of sugarcane by RAPD markers. Sugar Tech. 10(2), 53-59
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- Londhe M.B., Dani R.V. (2008) Assessment of sugar and non sugar circulation in pan boiling process. Proceedings of 69<sup>th</sup> Annual convention of STAI Manufacturing 7-28
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- Patil K.R. (2008) Energy efficient approach for surface condensers in co-generation schemes to maximize surplus power. Proceedings of 69<sup>th</sup> Annual Convention of STAI Energy Conservation 3-15
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- Nimbalkar Deepali, Kasurde Sneha, Gunjal Harshal. (2008) Life cycle assessment of sugar production. Proceedings of 69<sup>th</sup> Annual Convention of STAI General & Co-product 98-107
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- Manjul U.S., Takalkar B.J., Bhoi P.G. (2008) Maharashtratratil oosachi sadya paristhiti bhavi disha ani bhavishyatil garaj. Godwa Sheticha July, 26-29
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