



## PUBLICATIONS

### Agricultural Science and Technology Department

● **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., Kawar 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

## Annexure 4 (contd.)

## PUBLICATIONS

- **Prabu G.R., Kawar 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., Kawar 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

## Sugar Technology Department

- **Dani R.V., Bhosale R.N. (2008)**

Impact of quality parameter of Indian sugar on international trade.

In seminar on "Filtration Technology and Impact of Quality Parameter of Indian Sugar on International Trade", Pahalgaoon, Srinagar 3-16.

- **Dani, R.V., Londhe M.B., Bhosale R.N., Salunkhe G.K. (2008)**

Production of VHP raw sugar in Maharashtra - A success story.

Proceeding of 69<sup>th</sup> Annual Convention of STAI Manufacturing 104-116



## PUBLICATIONS

● **Dani R.V., Bhosale R.N. (2008)**

Manufacture of plantation white sugar and analysis.

A presentation at Workshop on “Implementation of Cane Development Programme of Sugar Factories in Maharashtra”, organized at VSI. September 2008

● **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

● **Londhe M.B., Dani R.V. (2008)**

Modern trends for reducing steam consumption in sugar processing.

Seminar on “Modern Trends for Reduction in Steam Consumption in Sugar Processing” held at VSI, August 1-20

● **Londhe M.B., Dani R.V., Kale K.B. (2008)**

Various modern alternatives for reducing steam consumption in sugar processing.

Indian Sugar  
58 (9), 37-57

### Sugar Engineering Department

● **Ingle T.S., Surve S. B., Deshpande R.M. (2008)**

Water treatment for cooling tower: A need.  
Proceeding of 69<sup>th</sup> Annual Convention of STAI Engineering 62-69

● **Patil K.R. (2008)**

Energy efficient approach for surface condensers in co-gen. schemes to maximize surplus power

Proceedings of 69<sup>th</sup> Annual Convention of STAI Energy Conservation 3-15

● **Patil K.R. (2008)**

Judicious steam economy in sugar industry  
Seminar on Modern trends for reduction in steam consumption in sugar processing at VSI 69-72

### Environmental Sciences Department

● **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

● **Nimbalkar Deepali, Kasurde Sneha, Gunjal Harshal. (2008).**

Life cycle assessment: A tool for improving environmental performance in the sugar industry  
Proceedings of 39<sup>th</sup> Annual Convention of SISSTA 233-240



Mr. Sharadchandra Pawar, President, VSI, releasing book on Performance of Sugar Factories in Maharashtra during the Annual General Meeting of VSI