

**REPORT ON THE ALL INDIA JOINT SEMINAR ON DIMINISHING SUGARCANE  
PRODUCTIVITY AND SUGAR RECOVERY IN NORTHERN INDIA: OPPORTUNITIES &  
CHALLENGES"**

**18 JULY 2014, LUCKNOW**

Sugarcane is a leading cash crop and is a source of livelihood for an estimated 50 million farmers and their dependents in the country. In the recent years nation has registered a record production of sugarcane and sugar, however, the productivity and sugar recovery in Northern India has remained stagnant for over a decade. As compared to an average yield of 100 tonnes per hectare in states like Tamil Nadu, Maharashtra & Karnataka, average yield in UP has averaged close to 59 tonnes per hectare despite being the largest sugarcane producing state in the country. With this idea **The Sugar Technologists' Association of India** in association with **National Sugar Institute, Kanpur** organized an All India Seminar on " Diminishing Sugarcane Productivity and Sugar Recovery in Northern India: Opportunities & Challenges" on **18 July 2014** at **Lucknow**.

**Dr GSC Rao**, President, STAI and **Mr. Narendra Mohan**, Director, National Sugar Institute, Kanpur and Vice President, STAI welcomed the delegates and thanked for attending the seminar on a very important and burning issue of Diminishing Sugarcane Productivity and Recovery. The event was inaugurated by **Mr V.N. Garg – IAS**, Agriculture Production Commissioner, Govt. of Uttar Pradesh. Speaking on the occasion Mr. Garg said that the state has numerous challenges as well as opportunities. He also said that the state has three premier sugar institutes and they should work in tandem with the millers, farmers for sustainable development of the sugar industry.



**Mr V N Garg, Agriculture Production Commissioner, Government of Uttar Pradesh inaugurating the seminar**

“With diverse challenges and constraints as growing population, increasing food, feed and fodder needs, degradation of natural resources degradation, climate change etc., there is an urgent need to enhance sugarcane yield and productivity to meet future sugar requirements” said Dr. GSC Rao, President, The Sugar Technologists Association of India.

“Reduction in cost of production of sugar is a vital factor towards achieving the sustainability. Latest technologies in Sugar Cane processing, energy conservation devices to enhance the power export and having options to produce ethanol from B-heavy along with Raw/white Sugar are few measures to reduce the cost of production of Sugar” said Mr. Narendra Mohan, Director, National Sugar Institute, Kanpur and Vice President, STAI

**Dr. S. Solomon**, Director, Indian Institute of Sugarcane Research, **Dr. Bakshi Ram**, Director, U P Council of Sugarcane Research & **Mr V S Negi**, DGM-Agriculture, State Bank of India also addressed the delegates in the Inaugural Session of the Programme.

The Technical Session of the programme was chaired by **Dr. Bakshi Ram**, Director, U P Council of Sugarcane Research and Co-Chaired by **Mr N C Paliwal**, Dy Executive Director ,Dalmia Sugar.



**Delegates Attending the Seminar at Lucknow**

Leading scientists and experts submitted 13 papers on various topics, Ten of the following papers were presented during the seminar:

1. Sugar Industry in Northern India – Way Forward for Productivity Enhancement by – Mr Narendra Mohan
2. A Panoramic View for Increasing Sugar Productivity and Profitability in North Indian Sugar Industry By – Mr Narendra Mohan, Ashutosh Bajpai & Narendra Dev

3. Sugarcane Productivity and Sugar Recovery in sub-tropical India Opportunities and Challenges By – Mr Rama Kant Rai, Mrs Pushpa Singh, Mr A.K. Shrivastava, Mr A. Chandra & Dr S. Solomon
4. Recovery Improvement – A Strategic Approach By – Mr N.C. Paliwal, Mr Vijay Kr. Gupta, Mr A.A. Beig, Dr. G.D. Panday
5. Sustainability and Viability of the Sugar Mill Operations Through Productivity and Recovery Enhancement in Western U.P. : Opportunities & Challenges By – Mr Girish Kohli & Mr D.N. Mishra
6. Cane Development Programme to Increase 1% Pol and Yield by Harmonal Enzyme Regulation Mechanism & Treatment by Dr M K Srivastava
7. Sub Surface Drip Irrigation for High Production Sugarcane By – Mr C.L.N. Rao
8. Overview of Sugarcane Productivity & Sugar Recovery in UP : Opportunities and Challenges By – Dr Bakshi Ram
9. Halosulfuron Methyl 75 WG (Sempra) :A complete solution for *Cyperus rotundus* control in Sugarcane By Dr R P Srivastava and Mr O.P. Singh
10. Cane Development Model for Increasing Cane Productivity in Uttar Pradesh by Mr A Selvaraj and Mr Ganesh Bongane, Global Cane Sugar Services Pvt Ltd, New Delhi

The Seminar was attended by more than 100 delegates comprising of Govt. officials, scientists, Input suppliers, and Development workers from Sugar Industries of Uttar Pradesh & Bihar.

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Members/Non Members interested in purchasing the Proceedings Booklet of the Seminar may please contact STAI Secretariat.