

NSI to conduct trials of 2 developed sugarcane varieties

TIMES NEWS NETWORK

Kanpur: The crushing season of Experimental Sugar Factory of National Sugar Institute (NSI) commenced on Monday. Narendra Mohan, director, NSI, performed the 'puja', and inaugurated the crushing operations by placing sugarcane sticks in cane carrier.

Addressing the students and faculty of the institute, Narendra Mohan said, "Besides imparting in-plant training to the students of sugar technology course, this year, we have decided to conduct trials of two newly developed sugarcane varieties - CO0238 and CoLK94184 - in the factory to assess their potential," he said.

"We have made certain changes so as to provide better training to the students. Our aim is to provide better training and exposure to our students, side by side, conducting trials of some technologies in order to improve productivity of the sugar units," he informed.

The institute, he said, would also carry out trials for production of sulphur-less sugar using a polymeric compound developed in collaboration with a Hyderabad chemical manufacturing firm.

"The trials carried out in the laboratory have shown encouraging results. The



technology will provide better quality sugar, particularly without sulphur at a lower cost as compared to the white sugar being produced by con-

ventional double sulphitation process," said Dr Ashutosh Bajpai, professor of sugar technology. "During the crushing season, trials will be conducted to assess potential of ethanol production from sugar beet for which LS-6 sugar beet variety has been sown at the institute," informed Narendra Mohan.

Besides, experiments would also be carried out to assess suitability of double sulphitation process for production of sugar from cane juice blended with beet juice, he added.