

INDIAN JOURNAL OF SUGARCANE TECHNOLOGY

ISSN 0970-3233

Issue: Volume 28 No.1 June 2013

CONTENTS

Integration of soil applied fertilizer nitrogen with organics and foliar spray of urea for higher nitrogen use efficiency vis-a-vis crop productivity of sugarcane plant-ratoon system	1
<i>Ch S Rama Lakshmi, T Sreelatha, A Sireesha, T Usha Rani, K Prasad Rao and R Ankaiah</i>	
Effect of different paired row spacings and nutrient levels on soil fertility, sugarcane productivity and juice quality	5
<i>T Sreelatha, Ch S Rama Lakshmi, A Sireesha, T Usha Rani, K Prasad Rao and R Ankaiah</i>	
Studies on cellulose producing <i>Gluconacetobacter xylinum</i> isolated from fermented sugarcane juice	9
<i>G Gayathry and G Gopalaswamy</i>	
Improving soil fertility and yield and quality of sugarcane through integrated application of NPK and compost in calcareous soils of Bihar	12
<i>S K Thakur, Geeta Kumari, M Alam and V P Singh</i>	
‘CoPant 05224’ – A superior alternative variety for sugarcane growers in Uttarakhand	16
<i>S P Singh, A S Jeena, V K Tyagi and K A Khan</i>	
Evaluation of progenies for resistance against red rot in sugarcane (<i>Saccharum</i> sp. hybrids)	19
<i>Sunita Lal, D K Pandey, P K Singh, J Singh, Sanjeev Kumar and Lokesh Panwar</i>	
Feasibility of various sugarcane planting manipulations in wheat based cropping system	22
<i>J P Singh, Sunderpal, S C Singh and I S Singh</i>	
Impact of ‘Co’ canes in Andhra Pradesh	24
<i>N V Naidu, N Sabitha and V Raja Rajeswari</i>	
Analysis of growth and instability of sugarcane production in India	28
<i>L S Gangwar, S Solomon, M R Verma, S S Hasan and P K Bajpai</i>	
Effect of planting geometry and variety on growth attributes of sugarcane in Indian sub-tropics	33
<i>Dipika Chakrawal and Navnit Kumar</i>	
Short Communication	
Chromosome number spectrum in parents and progeny populations of sugarcane	37
<i>Sangeeta Srivastava, A D Pathak and V K Saxena</i>	
Low sugar genetic stocks for mapping studies for sugar content in sugarcane	39
<i>M Swapna, D K Pandey and Sangeeta Srivastava</i>	