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EDITOR'S NOTE

It is a great pleasure to arrange the publication of this 18-20th volume of the Bangladesh Journal of Sugarcane. This publication is a scientific presentation of problem oriented researches on sugarcane with recommendations to overcome the problems of sugarcane cultivation. The work have been conducted at Bangladesh Sugarcane Research Institute (BSRI), Ishurdi and at its Regional and Sub-stations and elsewhere in the country. This volume includes five foreign articles received from Nigeria.

This volume presents information on Effects of smut disease on some yield components of sugarcane, field performance of spaced transplanting technique of sugarcane cultivation, Effects of water stress on growth and biomass yield of five sugarcane genotypes, Comparative analysis of information reception by the farmers on selected practices of sugarcane, Effects of magnesium, zinc and organic manures on sugarcane, Assessment of sugarcane diseases and pests in ten northern states and the federal capital territory of Nigeria, Effects of smut on juice quality of sugarcane, Potash fertilization on sugarcane as affected by irrigation, Comparative performance of some recommended herbicides for weed control and increasing yield of sugarcane, Comparative performance of different planting and transplanting techniques of sugarcane, *In vitro* germination of pollen grains and growth of pollen tubes in two varieties of sugarcane, Fertilizer management for sugarcane ratooning, Effects of earthing - up and tying on the yield of cane and sugar, Selection indices in sugarcane breeding, Prevalence of white leaf disease of sugarcane in Bangladesh, Effects of drought stress on some physiological parameters of sugarcane, Red rot incidence of sugarcane in Bangladesh, Effects of different irrigation methods and interplant spacing on sugarcane production, Isd 28-A high yielding and mid maturing variety of sugarcane, Sugarcane production and the quality of gur as influenced by nitrogen, Response of sugarcane intercropped with potato at various irrigation levels, Efficacy of some insecticides against white grubs of sugarcane, Effects of time and rates of nitrogen fertilizer on rainfed sugarcane production in the southern Guinea Savanna zone of Nigeria, Importance of organic matter content in upland soils of Bangladesh for sustainable sugarcane production -A review, Development of a hand bud chip cutter, Maturity behaviour and variation in Brix along sugarcane stalklengths.

We believe and hope that research results presented and documented in this volume will help to enrich and update the knowledge of the Researchers, Subject Matter Specialists and Extension Personnel home and abroad.

We also believe that the devotion of the young and energetic scientists in bringing out the publication will firmly strengthen the research and extension linkage through the transfer of appropriate technologies to the sugarcane growers and thereby help maximize cane and sugar yield to achieve self-sufficiency in sugar and gur production in the country.

A H M Delwar Hossain

EDITOR

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DIRECTOR GENERAL

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