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EDITOR'S NOTE

It is a great pleasure to arrange the publication of this twenty second 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 works 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 one from Canada, one from India, one from Pakistan and two from Nigeria.

This volume presents information on Impact of Paired Row Sugarcane with Double Intercrops, The Economic Returns to Bangladesh Sugarcane Varietal Research, Variability, Heritability and Genetic Advance in Sugarcane, Performance and Profitability of Intercrops with Sugarcane in Some Non-Mill Zone Areas of Bangladesh, Hormonal Enhancement of Rooting in Sugarcane Settlings, Profitability of Irrigated and Non-irrigated Sugarcane and its Competing Crops in Northwest and Southwest Regions of Bangladesh, Control of Red rot (*Colletotrichum falcatum*) by Heat Therapy and its Effect on Germination and Yield, Effect of N Fertilization and Insecticides on the Incidence of Shoot and Top Borer. Effects of Micro-nutrients on Nitrogen and Phosphorous Concentration in Sugarcane Leaf, Disposal Pattern of Sugarcane for Gur and Sugar Production in Natore Sugar Mills Zone, Post Infection Changes in Nutrient Composition and Enzyme Activities of Healthy and Red Rot Affected Sugarcane Juice, Effects of Irrigation on Yield, Water use Efficiency and Some Yield Contributing Parameters of Sugarcane, Efficacy of Lorsban 15G in Controlling Sugarcane Rootstock borer, Performance of Double Intercropping with Sugarcane in Madhupur Tract Soils, Effects of Low Temperature on Sugarcane Germination, Effects of Meteorological Variables on Sucrose Content of Sugarcane, Studies on the Chemical Control of Sugarcane Stem Borer, Trend of Sucrose Accumulation and Reducing Sugars Content in Sugarcane Clones, Effects of Different Green Manuring Crops as Intercrop on Sugarcane Production, Need Assessment of Farmers of the Sugarcane-Based Farming Systems Research and Development Project Site, Effects of Waterlogging on the Yield and Yield Components of Sugarcane, Effects of Intercropping Cowpea with Sugarcane, Curvularia Leaf Spot : A New Disease of Sugarcane in Nigeria, Energy Output-input Ratio in Sugarcane Production. 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
&
DIRECTOR GENERAL

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