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EDITOR'S NOTE

It is a great pleasure to arrange the publication of this sixteenth volume of the Bangladesh Journal of Sugarcane. This publication is a scientific presentation of problem oriented research results on sugarcane with recommendations to overcome the problems of sugarcane cultivation. The works have been conducted at Sugarcane Research & Training Institute (SRTI), Ishurdi and at its Regional and Sub-stations and elsewhere in the country. This volume includes four foreign articles—two received from Nigeria and two from India.

This volume presents information on Losses due to red rot disease in sugarcane, Economics of sugarcane with intercrops in JSM, Response of sugarcane to irrigation, Effects of root-knot nematode, Irrigation scheduling of sugarcane, Influence of phosphorus on sugarcane, Influence of potassium on sugarcane production, Inoculating methods for smut development, Sugarcane based intercropping in RJSM, Variation in five isolates of *Colletotrichum falcatum*, Effects of rate and time of sulphur on sugarcane, Performance of sugarcane hand detrashers, Response of transplanted sugarcane to nitrogen, Development of planting hand hoe for sugarcane, Effect of granular insecticides on WG & TSB, Use of granular insecticides in controlling RSB, Impact of spaced transplanted sugarcane, Interactions of nitrogen and interplant spacing, Association between yield and quality in sugarcane, Performance of promising and released varieties, Effects of tiller and leaf management in sugarcane, Effects of levels and time of potassium application, Performance of newly released sugarcane varieties, Control of red rot pathogen through MHAT, Profitability of sugarcane intercropped with potato, Effects of time and methods of planting of sugarcane, Effects of plant spacing in transplanted sugarcane, Pathogenicity and control of the root-knot nematode, Evaluation of short term farmers training on STP, Screening of sugarcane cultivars for nutrient absorption, Bacterium colonies associated with RSD, Effects of soil covering on germination in sugarcane, Germination of sugarcane smut spores, Studies on maturity behaviour for gur manufacture, Diffusion of STP technology through farmer's training.

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 Workers, 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.

Sk. Md. Erfan Ali
EDITOR & DIRECTOR

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