

BANGLADESH JOURNAL OF SUGARCANE

GUIDE FOR AUTHOR(S)

- The Bangladesh Journal of Sugarcane annually publishes articles on sugarcane agriculture and sugar processing.
- Articles must be original reports of research, not previously or simultaneously published.
- The manuscripts should be written in English and typed in double space on one side of 11"x8.5" size offset paper with good margin in all sides. The text, quotation, table, illustration and literature citation should be double spaced.
- Numerical data should be presented in the form of either tables or graphs, but not in both. Tables and figures with their caption should be numbered in Arabic and submitted in separate sheet. Line drawings should be 3 times larger than they are to appear in the journal.
- Photographs (120 mmx170 mm) should be in glossy prints with good dark and light contrast with appropriate caption. Diagram, drawing should be drawn with durable ink on thick white drawing paper.
- The article should have a concise but meaningful title. The author(s) name and place of research should follow the title. An informative ABSTRACT, not more than 150 words should precede the INTRODUCTION of the paper, Key words not exceeding six should follow the ABSTRACT. The paper should then be arranged in the following order : (I) INTRODUCTION (II) MATERIALS AND METHODS (III) RESULTS AND DISCUSSION (IV) ACKNOWLEDGEMENT(S) (if any) and (V) REFERENCE(S).
- The abbreviations mentioned hereunder may be used in the tables/graphs without further definition : active ingredient (a.i.), boiling point (b.p.), centimetres(s) (cm), commercial cane sugar (C.C.S.), concentration (conn), concentration required to kill 50% of test organism (LC₅₀), day(s) (d), days after harvesting (DAH), days after treatment (DAT), days after plantation (DAP), dry matter (d.m.), Duncan's New Multiple Range test (DNMR test), emulsifiable concentrate (EC), gram(s)(g), growth stage (G.S.), hour(s) (h), kilograms(s) (kg), least significance difference (LSD), litre(s) (litre), meter(s) (m), metric ton(s) (MT), millable cane(s) (m.c.), milligram(s) (mg), minute (time) (min.), melting point (m.p.), page (p.), pages (pp.), parts per million (ppm), percentage (%), post-emergence (post-em), pre-emergence (pre-em), probability (p), quantity (qty), relative humidity (rh), second (time) (sec.), standard error (S.E.), standard error of mean(s) (SEM), soluble powder (s.p.), species (singular) (sp.), species (plural) (spp.), square metre (m²), subspecies (ssp.), temperature (temp.), tons cane per hectare (TCH), tons sugar per hectare (TSH), variety (var.), volume (vol.), weight (wt.), wettable powder (w.p.).
- Reference should be cited in the text with the year of publication in parenthesis e.g. (Rostrom, 1974), MacColl, 1976, Mitchel and Beardsley, *et al.* (1978). In the list of references, the sequence of references should be arranged alphabetically with the last name of the author(s), followed by initials (e.g. Beardsley, N.W. 1978). The references should include names of all authors, date of publication, complete title, journal name, volume number and page numbers. The title journal should be abbreviated according to the style of chemical abstract.
- Reference from books should be cited as follows :
Steel, R.G.D. and Torrie, J.H. 1960 Principles and procedures of statistics. McGrawHill Book Company inc., London. 481 p. (Last page).
- References from an edited book should be cited as follows :
Bennett, F.D. 1969. Tachinid flies as biological control agents for sugarcane moth borers. *In* Pests of sugarcane. J.R. Williams, J.R. Metcalfe, R.W. Mungomery and R. Mathes (eds). Elsevier Publishing Company, Amsterdam. pp. (Page range).
- References from Annual Reports should be cited as follows :
BSRI Annual Report, 1997. Bangladesh Sugarcane Research Institute, Ishurdi, Pabna. Annual Report, 1996 pp. 8-11 (Page range of the topic).
- Other reports or memoirs without author may be cited as "Anonymous" with year of publication, address of publisher and last page of the report.
- Author(s) would receive 20 (Twenty) copies of reprints free of cost.
- The manuscripts should be submitted in duplicate alongwith a soft copy (Floppy diskette) to THE EDITOR, BANGLADESH JOURNAL OF SUGARCANE, BANGLADESH SUGARCANE RESEARCH INSTITUTE, ISHURDI-6620, PABNA, BANGLADESH.
- To follow the style of the latest issue.

CONTENTS

(Continued)

Productivity of Sugarcane as a Component of Animal Feed	
- K.S. Huque, A.B.M.M. Rahman, M.M. Rahman and S.A. Chowdhury	82
Investigation on the Effective Soil layer for Sugarcane Production in the Limestone Area of Miyako Island, Japan	
- M. Akbar Hossain, Ansgun YOSHINAGA, Kazuhito SAKAI and Seichi GIBO.....	90
Changes in Phenolic Contents in Nodal Tissues of Red Rot Infected Sugarcane	
- S. Rahman, M.S. Alam and O.I. Joarder	103

SCIENTIFIC NOTES

Role of Farm Power Issues on Labour Requirement in Sugarcane Production	
- M.T. Iqbal, S. U. K. Eusufzai and A. S. M. Amanullah	108
Economics of Sugarcane Production as Affected by Foliar Application of Micro-nutrients	
- L. A. Jamali, G.H. Jamro, C.S. Khan, S.A. Sheikh and A.G. Soomro	111

CONTENTS

	Page
Biochemical Changes in Total sugars, Reducing and Non Reducing Sugars Induced by <i>Colletorichum falcatum</i> in Sugarcane	
- S. Rahman, M. S. Alam and O. I Joarder	1
Performance of Winter Vegetables and Summer Mung as Intercrops with Paired Row Transplanted Sugarcane.	
- M.A. Matin, M.L. Kabir, M. J. Alam and A.K.M.M. Zaman	7
Efficacy of Fipronil in Controlling Sugarcane Termites	
- M. A. Alam, M. M. Biswas, M. Abdullah and M.A. Rashid	15
Factors Affecting Farmers' Awareness about Latest Sugarcane Production Technologies in Some Selected Areas of Bangladesh	
- M. A. Kader, M. K. Ali, M.E. Haque and S. A. Sabur	19
Efficacy of Some New Insecticides in Controlling Sugarcane Termites	
- M.A. Alam, M. M. Biswas and M.A. Rashid	26
Genotype-Environment Interactions on Yield and Yield Contributing Characters in Sugarcane	
- M. A. Miah, B. P. Podder and S. M. N. Nahar	30
Irrigation Scheduling in Sugarcane with Onion as Intercrop	
- M.A.B. Siddique, M. J. Hossain and M. A. Hossain	36
Sugarcane Pricing and its Impact on Cane Supply and Sugar Production in Natore Sugar Mills Area	
- M.M. Alam, S. A. Sabur, S. M. Fakrul Islam and M. M. Alam	40
Economic Analysis of Date Palm in Agroforestry System in Jessore District	
- M.I. Haque, S. M. F. Islam, M. M. Alam, M.H. Kabir and M.M. Alam	51
Performance of Modern Sugarcane Varieties for Gur Production in Modhupur Tract Soils.	
- M. H. Rashid, M. A. Quddus, M. A. Rashid, A.H.Khan and N.E. Elahi	57
Factors Affecting Selection Rate at Seedling Stage of Sugarcane Breeding	
- M.A. Mannan, M.A.K. Mian, Sk. A. Mannan and B.P. Podder	61
Effects of Planting Time, Row and Plant Spacing and Environment on Sugarcane Cultivation in the Red Soil of Modhupur Tract	
- M.A. Rashid, M.B. Ahmed, S. Rahman and M.O. Gani	66
Technical and Allocative Efficiency of Irrigated Sugarcane Farmers in Northwest and Southwest Regions of Bangladesh	
- M. H. Kabir and M.M. Alam	74

(Continued)