

The World's Largest Open Access Agricultural & Applied Economics Digital Library

This document is discoverable and free to researchers across the globe due to the work of AgEcon Search.

Help ensure our sustainability.

Give to AgEcon Search

AgEcon Search http://ageconsearch.umn.edu aesearch@umn.edu

Papers downloaded from **AgEcon Search** may be used for non-commercial purposes and personal study only. No other use, including posting to another Internet site, is permitted without permission from the copyright owner (not AgEcon Search), or as allowed under the provisions of Fair Use, U.S. Copyright Act, Title 17 U.S.C.

No endorsement of AgEcon Search or its fundraising activities by the author(s) of the following work or their employer(s) is intended or implied.



ISSN 1810-3030

June, 2006

Volume 4

দক্ষতা • চরিত্র Journal of the **Bangladesh Agricultural** University

Published by Bangladesh Agricultural University Research System

বাংলাদেশ কৃষি বিশ্ববিদ্যালয়

Journal of the Bangladesh Agricultural University Bangladesh Agricultural University Research System (BAURES) Bangladesh Agricultural University Mymensingh-2202, Bangladesh

Volume 4	Number 1	June, 2006
Editorial Board (2005-2007)		
Chief Editor : P	rofessor Dr. Md. Rafiqul Islam Sark	er, Director, BAURES
	rofessor Dr. Md. Golam Rabbani ssociate Director, BAURES	
Managing Editor: M	d. Saiful Islam, Deputy Director, BA	URES
Members		
Professor Dr. A.T.M. Department of Farm I	Ziauddin Power & Machinery, BAU, Mymens	ingh
Professor Dr. Md. Ali Department of Anima	Akbar I Nutrition, BAU, Mymensingh	
Professor Dr. M. Sera Department of Agricu	ajul Islam Itural Economics , BAU, Mymensin	gh
Professor Dr. M. Abul Department of Soil So	l Hashem cience, BAU, Mymensingh	
Professor Dr. M. Mye Department of Physic	nuddin Iogy, BAU, Mymensingh	
Professor Dr. M. Nazı Department of Fisheri	rul Islam es Technology, BAU, Mymensingh	
Professor Dr. Md. Abo Department of Horticu	dur Rahim Ilture, BAU, Mymensingh	

Journal of the Bangladesh Agricultural University

Journal of the Bangladesh Agricultural University is a half-yearly journal published in June and December on behalf of the Bangladesh Agricultural University Research System (BAURES). Original research papers, review articles and short communications are accepted on the basis of their quality and national/international context. On the decision of the Editorial Board, papers are reviewed by experts in relevant fields. The Editorial Board is the final authority to take decision on publication.

Published by

Chief Editor

Director, Bangladesh Agricultural University Research System (BAURES) Bangladesh Agricultural University, Mymensingh 2202, Bangladesh

Subscription Pates

For individual

BAU Teachers Tk. 100.00 per copy Others Tk. 200.00 per copy

For institutions : Tk. 300.00 For overseas : US \$ 10 pe

Tk. 300.00 per copy US \$ 10 per copy

All correspondences regarding publication, subscription etc. of the journal should be made directly to the Chief Editor, Journal of the Bangladesh Agricultural University, Bangladesh Agricultural University Research System (BAURES), BAU, Mymensingh 2202, Bangladesh. Tel. & Fax: +880-91-55908.

Printed by

Md. Shaheduzzaman Khan John Zaman Printers 14, Gangadash Guha Road, Mymensingh Phone : 091-52204

Jcurnal of the Bangladesh Agricultural University

•	Contents	
ron) Science	
1	Studies on physico-chemical characteristics of jackfruit- M.A. Haque	1
2	Studies on floral biology of jackfruit- M.A. Haque and S. Majumder	ç
3	Variability, correlation and path coefficient analysis of cowpea– Z. Naher, M.G. Rabbani, M.O. Rahman and E.J. Garvey	17
4	Effects of sowing date on seed yield and yield attributes of soybean- M.M. Rahman and M.A. Islam	2:
5	Effect of sulphur and molybdenum on nodulation, protein and nutrient content of soybean cv. <i>Shohag</i> – B.R. Biswas, A. Begum, Shaila Sharmin and A.K. Chowdhury	3:
6	Seed germination and seedling growth of brinjal, tomato and chilli treated with GA_3 and $GABA-$ M. Obaidul Islam, M. Serazul Islam and A.K.M. Azad-Ud-Doula Prodhan	
7	Effects of rice straw, Sesbania and sulphur on the growth and yield of rice and soil health- S.A. Haque and M.J.U. Khan	5
8	Reduction of urea fertilizer using poultry manure and raintree leaf litter in rice production-M.H. Rahman, M.A. Hashem and M.A. Haque	5
9	Characterization of some mango germplasm using peroxidase isoenzyme- M.S. Biswas, M.G. Rabbani, E.H.M.S. Rahaman and E.J. Garvey	6
10	Effects of different organic wastes on growth and nutrient content of maize- S. Tamanna and M.A.H. Chowdhury	69
11	Decomposition of some tree leaf litters in Chittagong evergreen forest soils under laboratory conditions- A.H.M. Iltuthmish and M.A.H. Chowdhury	71
ives	stock	
12	Supplementing Metafos and Biomix-DB as growth promoters on the performance of bull calves- M. Khan, M.M. Hossain and M.A.A. Khan	83
13	Performance of crossbred pullet at different feed supplementation under rural condition-M.A. Rashid, M.J. Hossen, M.S. Islam and M.A.R. Howlider	9
14	Effect of concentrate supplementation on reproductive performance of rabbit does and litter performance during pre-weaning period under rural conditions- M.P. Mostari, M.S. Hasanat, A. Reza and M.J. Khan	97
15	Isolation of <i>Pasteurella haemolytica</i> from goat pneumonic lungs and its pathological study- K.J. Alam, A.K.M.M. Anower, and M.M. Hossain	103
16	Study on the quality of dahi prepared from Buffalo milk with the addition of different levels of soya milk- M.N. Sultana, A. Wadud, M.N. Islam and M.L. Iddin	
17	M.J. Uddin Production performance of BLRI developed crossbred layer genotypes	11
	under on- farm condition- N. Nahar, M.N. Islam, N.R. Sarker and M.S. Uddin	117

Agricultural Engineering

18	Change the air temperature changes at three agro-ecological zones of Bangladesh- A.K.M.R. Islam, M.H. Ali and M.G.M. Amin	121
19	Grouping of ants in solving large traveling salesman problems- M.R. Hassan, M.K. Hasan and M.M.A Hashem	131
20	An investigation on strength and economy of cement-plastered bamboo- mat as fence of rural houses-M.Z. Abedin, M.Z. Rahman and M.S. Jalal	139
21	Processing of value added food products from selected low-cost indigenous fruits of Bangladesh-M.B. Uddin and M.R.M. Chowdhury	151
Ecor	nomics and Rural Sociology	•
22	가장 물건에 전화되고 해외에 가지는 것 것을 감독했다. 김 소설을 받은 것 같아요. 그는 것 것 같아요. 그는 것 같아요. 그는 것 같아요. 그는 것 같아요.	157
23	Effectiveness of RAKUB crop credit in selected areas of Rangpur district-	157
20	M.R.U. Mian and M.A. Kasem	165
24	Marketing system of pond fish in selected areas of Mymensingh– M.R. Islam, M.A. Feardous, M.R. Hasan	173
25	Marine fish marketing system and women participation in selected fish catching areas of Bangladesh-H. Biswas, R.H. Sarwer and M. Rahman	183
1.1	그는 그는 것 같아요. 그는 것은 것은 것 같은 것을 하는 것을 가장에 가지 않는 것을 가지 않는 것을 하는 것을 수 있다. 것을 하는 것을 수 있다. 것을 하는 것을 하는 것을 수 있다. 것을 하는 것을 하는 것을 수 있다. 것을 수 있다. 것을 수 있다. 것을 하는 것을 수 있다. 것을 것을 수 있다. 것을 것을 것을 수 있다. 것을 것을 수 있다. 것을 것 같이 하는 것을 수 있다. 것을 것 같이 않다. 것을 것 같이 하는 것을 수 있다. 것을 것 같이 하는 것을 수 있다. 것을 수 있다. 것을 것 같이 않다. 것을 것 같이 하는 것을 것 같이 않다. 않다. 것 같이 않다. 않다. 것 같이 않다. 것 같이 않다. 것 같이 않다.	