



GREEN FARMING

(International Journal of Applied Agricultural & Horticultural Sciences)

(Abbreviation : *Green Farming Int. J.*, GIF : 0.468, SJIF : 6.967, IIFS : 2.035)

ISSN 0974-0775
NAAS Rating : 4.38

Volume 10

Number 6

November-December 2019

Bimonthly

CONTENTS

Previous issue :

Vol. 10, No. 5, pp. 533-654

Research Papers

Heterosis and extent of fertility restoration in CGMS based hybrids of pigeonpea

[*Cajanus cajan* (L.) Millsp.]

— **NIDHI MOHAN, J. DAYAL PRASAD BABU, C.V. SAMEER KUMAR and V. SRINIVASARAO..... 655**

Zero Budget Natural Farming - An Empirical Analysis

— **D. MOSES SHYAM, SREENATH DIXIT, RAJESH NUNE, SAWARGAONKAR GAJANAN
and GIRISH CHANDER 661**

Genetic variability studies and plus tree selection of *Melia dubia* from Kerala part of Western Ghats

— **BINU N.K. and A.V. SANTHOSHKUMAR 668**

Assessment of genetic diversity in coriander (*Coriandrum sativum* L.) genotypes through RAPD marker

— **SAVITA BUDANIA, SHAKUNTALA PALIWAL, JAYSHREE MUNOT, PAYAL CHAUDHARY
and MANJU K. CHOUDHARY 674**

Studies on correlation and path analysis in little millet (*Panicum sumatrense*)

— **T. VENKATARATNAM, L. MADHAVILATHA, M. REDDISEKHAR and A.R. NIRMAL KUMAR 679**

Production, returns & policy initiatives for pearl millet in India

— **D.P. MALIK and NEERAJ PAWAR 683**

Performance of soybean [*Glycine max* L. (M.)] influenced by strains of *Bradyrhizobium japonicum* inoculation and phosphorus fertilizer rates on phosphorus uptake efficiency, nodulation and yield in Ethiopia

— **ZERIHUN TEFERA YEBASA, HABTAMU ASHAGRE and THOMAS ABRAHAM 690**

Greenhouse gas emission from integrated farming system models : A comparative study

— **MEERA A.V., JOHN J., SUDHA B., SAJEENA A., JACOB D. and BINDHU J.S. 696**

Livelihood security of farm households in Southern dry zone of Karnataka - An economic analysis

— **BHAVYA A.P. and K.B. UMESH 702**

Palamaneru cluster under Chittoor district proved as prospective bivoltine sericulture development area in Andhra Pradesh through Cluster Promotion Programme (CPP)

— **P. SREENIVASULA REDDY, G.V. PRASAD, P. SUDHAKAR, B. VIJAYA NAIDU,
K.P. KIRAN KUMAR and PANKAJ TEWARY 708**

Role of detoxifying enzymes in diamondback moth, *Plutella xylostella* L. (Lepidoptera : Plutellidae) resistance against newer insecticides

— **M. NANDA KISHORE, KRISHNAMOORTHY and KARTHIKEYAN 714**

Response of wheat to different PROMs and PSB under varying levels of phosphorus on yield and yield attributing characters

— **H.L. CHAUDHARI, A.M. PATEL, M.M. CHAUDHARI, K.M. PATEL and S.A. PATEL 718**

Contd.

Effect of NPSB rates and plant population on growth parameters and yield of maize (<i>Zea mays</i> L.) in Ethiopia	
— FUFA ANBESSA FEYISA, THOMAS ABRAHAM and HABTAMU ASHAGRE	..... 722
Effect of different organic manure on growth, yield and quality of <i>Tulsi</i> (<i>Ocimum sanctum</i> L.) under Middle Gujarat condition	
— B.V. HIRPARA, NILESH CHAVDA, P.S. PARMAR and H.L.DHADUK	..... 726
Performance of Zucchini (<i>Cucurbita pepo</i> L.) in terms of growth and yield as affected by planting dates and spacing levels	
— UTKARSH SINGH, SAMIR E. TOPNO, NAGENDRAN KRISHNAN and VIJAY BAHADUR	..... 730
Available micro-nutrient status of agricultural level land & slopy land along Sevai River, Jaunpur (U.P.)	
— P.K. MAURYA, P.K. SHARMA, P.K. BHARTEY, V. PRATAP and R. GAUTAM	..... 734
Economic efficiency of resource use in castor seed production in Haryana	
— NIRMAL KUMAR, NEERAJ PAWAR, D.P. MALIK, K.K. KUNDU and SUMIT	..... 738
Performance evaluation of different types of blades of power weeder for wetland paddy	
— UPENDAR K., R.C. DASH, D. BEHERA and A.K. GOEL	..... 742
Impact of temperature change and elevated carbon dioxide on wheat yield under semi-arid conditions of Rajasthan	
— ARJUN LAL PRAJAPAT, RANI SAXENA and MANOJ KUMHAR	..... 748
Forecasting market prices of soybean in Ujjain market (Madhya Pradesh)	
— A.K. GUPTA, C. PATRA and A.K. SINGH	..... 752
Effect of pearl millet based intercropping systems on growth and yield of mothbean in hyper arid conditions of Rajasthan	
— ARJUN LAL PRAJAPAT and K.K. JAIN	..... 756
Vegetative and reproductive growth of strawberry cv. Chandler by exogenous application of salicylic acid	
— SUNIL KUMAR and AMARJEET KAUR	..... 759
Management of brinjal pest complex with neem-based insecticides	
— P.D. MANE, B.B. SINGH and P.K. SINGH	..... 763
Occurrence of major insect pests of brinjal in Nalanda district of Bihar	
— P.D. MANE, B.B. SINGH and P.K. SINGH	..... 766
— AUTHORS INDEXING	..... 769
— KEYWORDS INDEXING	..... 775

Strategic Vision Message : 53

Integrated farming system one of the novel strategy for doubling the farmers income

— B.K. DESAI Back Inner Page
---------------------	-----------------------