RNI No.: UPENG / 2006 / 18277 Print ISSN: 0973-6417 Online ISSN: 2454-6003



Progressive Research

An International Journal

Editor-in-Chief: Dr. S.P. Singh

Volume 16 Number 1 January 2021

NAAS Rating - 3.78

Peer Reviewed, Refereed and Indexed Journal



SOCIETY FOR SCIENTIFIC DEVELOPMENT IN AGRICULTURE AND TECHNOLOGY, MEERUT (U.P.) INDIA

Website: www.ssdatmeerut.in

## Progressive Research: An International Journal, Volume 16 (1) January 2021

Contents		
Rev	riew Paper	Page No.
1.	Plant genetic engineering, in a nutshell  Chamindri Witharana	1-4
Res	search Papers	
2.	Effect of nitrogen and phosphorus on the growth, yield attributes and seed yield of late sown toria ( <i>Brassica rapa</i> L.) under Punjab conditions	5-7
	M.S. Saini, U.S. Tiwana and Jagandeep Singh	
3.	Survey of anthracnose of green gram in east nimar region of Madhya Pradesh  Dharmendra Doganya, Ashish Bobade, V.K. Jain, S.K. Arsia and D.K. Vani	8-13
4.	Impact of cluster frontline demonstrations on yield and economics of mustard in district Balrampur, Uttar Pradesh Siya Ram, R.K. Anand, Shailendra Singh and Pramod Kumar	14-17
5.	Studies on nutritional status and its relationship to milk production of lactating murrah buffaloes of rural areas of Kushinagar district (U.P.)  Rajesh Kumar Pal, K.B. Anand and Shiv Bachan	18-20
6.	Socio-economic background of adolescents affected through cyber crime using social networking sites  Shalini Gupta, Pratima Sachan, Katayani and Neelima Kunwar	21-23
7.	Relative impact of moisture conservation practices and fertility levels on pearlmillet varieties under rainfed condition  A.K. Katiyar, S.K. Uttam and Devendra Singh	24-26
8.	Comparison of nitrogen applicationwith leaf color chart and conventional method inbasmati rice ( <i>Oryza sativa</i> L.)  S.K. Dhillon, U.S. Tiwana and Jagandeep Singh	27-29
9.	Survey of rhizoctonia aerial blight of soybean in Khandwa district of Madhya Pradesh	30-33
	Dharmendra Singh Solanki, Ashish Bobade, V.K. Jain, S.K. Arsia and D.K. Vani	
10.	Survey of chilli anthracnose in Burhanpur district of Madhya Pradesh	34-38
	Babita Raikwal, Ashish Bobade, V.K. Jain, S.K. Arsia and D.K. Vani	
11.	Study on uniformity coefficient of some common micro-sprinklers	39-41
	Ashok Kumar Pandey, Siya Ram and Pramod Kumar	
12.	A study on development and evaluation of brine paneer pickles	42-44
40	Seema Vashista, Apoorva Argade, R.S. Dabur and S.S. Ahlawat	45.47
13.	Effect of different fertility levels and row spacing on yield attributes and economics of Kalmegh (Andrographis paniculata)	45-47
14.	Balwant Singh, Pradeep Kumar, Kaushal Kumar, Sarvesh Kumar, Sauhard Dubey and Pradeep Kumar  Effect of drought stress on some physiological traits in tomato	48-50
	V.R. Shanti, R.K. Salgotra, Susheel Sharma, Vikas Sharma and B.K. Sinha	40-30
15. 16.	Studies on feed consumption and nutritional status on lactating murrah buffaloes of rural areas of Kushinagar district (U.P.)	51-54
	Rajesh Kumar Pal, Shiv Bachan and K.B. Anand	31-34
	Effect of fertility levels on production of pearlmillet cultivars under rainfed condition	55-58
	A.K. Katiyar, S.K. Uttam and Devendra Singh	33-30
17.	Performance of transplanted rice ( <i>Oryza sativa</i> L.) to integrated nutrient management	59-61
	Sanjeet Kumar and Opin Kumar	00 0.
18.	Studies on development and evaluation of spiced vinegar based paneer pickle	62-64
_	Seema Vashista, R.S. Dabur and S.S. Ahlawat	
19.	Constraints perceived by farmers towards adoption of technology disseminated by KVKs in Chhattisgarh State	65-69
	P.K. Pandey, M.L. Sharma, M.A. Khan and A.K. Gupta	
20.	Effect of foliar application of nutrients and PGRS on biophysical, biochemical parameters and yield of pigeon pea Avinash, J.R. Patil, R.P. Patil and S. Pandith Rathod	70-72
21.	Analysis of temporal change in cropping pattern and its reasons in Bulandshahr district of Uttar Pradesh	73-77
22.	Vikas Kumar, Subhash Chand, Rajni Jain, Dilip Kumar, Mahendra Singh, K.R. Chaudhary and M.S. Chauhan	
	Isolation of potassium solubilizing bacteria from rhizosphere soils of different crops of Yadgiri district	78-80
	Yallappa M. and Mahadeva Swamy	
Sho	ort Communication	
23.	Review of nano technology in crop improvement Suresh J. Algudkar	81-82

Published by **Dr. S.P. Singh, Secretary** and **Editor-in-Chief** on behalf of Society for Scientific Development in Agriculture and Technology, **Suman Villa**, 85, Phool Bagh Colony, Main Road, Meerut-250002 (U.P.) India, Cell: 0945068438, 08273775051, **Email: dr.sp.singh24@gmail.com, Website: www.ssdatmeerut.in**, Printed at New Rishabh Offest Printers, Delhi Road, Meerut, Cell: 09456662805 and Composed by Yash Computer, Meerut (U.P.) Cell: 08979897661.