

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 17

Number 1

January 2022

NAAS Rating - 3.78

Peer Reviewed, Refereed and Indexed Journal



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

Website : www.asthafoundation.in

Contents

Overview Paper	Page No.
1. Management of crop residues and its implications R.K. Bhatnagar, R.M. Sharma and P.K. Mishra	1-7
 Research Papers	
2. Heterosis in cherry tomato [<i>Solanum lycopersicum</i> (L.) var. Cerasiforme Mill.] for quality E. Venkadeswaran, Irene Vethamoni P., Arumugamt, Manivannan N., Harish S. and Sujatha R.	8-14
3. Sweet and tender green sorghum (<i>Sorghum bicolor</i> L. Moench) Seed (Pauk.) processing in South Gujarat of India Pandit Parag, A.K. Varshney, Sharma Vineet Kumar, R.D. Pandya and Chaudhari Supriya	15-21
4. Effect of paddy residue management techniques on proceeding wheat crop under rice-wheat system Amrik Singh, Vandna Chhabra and Chandra Mohan Mehta	22-25
5. Major constraints and suggestions for better involvement in agriculture of rural youth practicing agriculture A.S. Gomase and V.S. Tekale	26-29
6. Genetic diversity studies in desi chickpea (<i>Cicer arietinum</i> L.) genotypes suitable for machine harvest Dobariya H.B., Javia R.M., Sharma L.K., Sorathiya H.P., Dudhat H.A., Virani A.D., Gajera S.S. and Singh S.P.	30-33
7. Management of rice stem borers and leaf folder in Punjab Gurmeet Singh, K.S. Suri and Rubalgot Kooner	34-37
8. Performance of different climate resilient agro-horti system on marginal land to enhance the production and productivity in dryland areas J.K. Balyan, Ramesh Patel, G. Ravindra Chary and R.K. Sharma	38-43
9. Evaluation of finger millet genotypes by using PCA : A multivariate analysis Harshal E. Patil, Gopal Vadodariya and Bhavesh Chaudhari	44-47
10. Housing practices of crossbred cattle adopted in Pathardi Tahsil of Ahmednagar District M.G. Mote, H.B. Tambe and U.S. Gaikwad	48-52
11. Effect pre-harvest spray of calcium and potassium nutrients sources on storage behaviour of aonla (<i>Emblica officinalis</i> Gaertn.) fruits cv. Hathijhool Krishna Kumar, R.N. Kanpure, Jyoti Kanwar, B. Kachouli and R.P. Patel	53-56
12. Studies on genetic parameters, correlation and path analysis in sugarcane M. Hemanth Kumar, L. Madhavalatha, M. Shanthi Priya and N.V. Sarala	57-61
13. Evaluation of yield potential of forage maize (<i>Zea mays</i>) with legumes in inter-cropping system under organic manure nutrient management Om Singh	62-64
14. Pathogenicity and bioefficacy of AS formulations of <i>Beauveria bassiana</i> against mealy bug R.S. Jadhav, S.D. Patil, N.S. Ukey and S.A. Raut	65-69
15. Study on application of organic nano zinc and chemical fertilizers in rice-wheat cropping system Ravindra Kumar and Devendra Singh	70-72
16. Evaluation of local chironji (<i>Buchanania lanzan</i> Spreng.) genotypes from Dhadgoan Tehsil in Satpuda Hill Sanap Changdev B. and Dipakkumar Bakaram Ahire	73-76
17. Livelihood promotion through self help groups (SHGs) formed under Assam state rural livelihood mission (ASRLM) Susmita Phukan, Rittika Baruah and Rituraj Boruah	77-79
18. Performance of mustard variety RH 749 to different planting method and nitrogen levels along with plant protection measures Tausif Ahmad, Nadeem Khan and N.A. Khan	80-83
19. Use of information communication technology among farmer's of Vidisha District Mujahida Sayyed and Rajmohan Sharma	84-86