

VOLUME 2 NUMBER 1 JANUARY 2014



FRONTIERS IN CROP IMPROVEMENT JOURNAL

Volume 2 (1) January 2014

CONTENTS

REVIEW PAPER

1.	Enhancement in lentil yield productivity through multidiscilinary approaches : An Overview	P.S. Singh, N.K. Tyagi, Archna Singh, S.P. Singh and J.B. Singh	1-6
RE	SEARCH PAPERS		
2.	Assessment of genetic variability in biocontrol agents isolated from chickpea root complex using molecular markers	G. Nagarjuna Reddy, S. Thahir Basha, N.P. Eswara Reddy and T. Sandeep Kumar	7-11
3.	Studies on variability, heritability and genetic advance for yield and quality traits in rice (<i>Oryza sativa</i> L.)	S.Y. Dhurai, D. Mohan Reddy, P.K. Bhati and S. Ravi	12-15
4.	Combining ability studies for some yield contributing character in sunflower (<i>Helianthus annuus</i> L.)	S.G. Khandagale, M.K. Ghodke, V.G. Khandagale, S.S. Deshmukh, R.V. Kumara Swamy and Vijay Sharma	16-19
5.	Assessing grain yield and its components in durum wheat using canopy temperature as selection parameter under early heat stress conditions	Prakash Malviya, S.V. Rai Prasad, Meeta Jain and Amit Gautam	20-25
6.	Stability analysis for yield and its component traits in durum wheat (<i>Triticum durum</i> Desf.)	P.S. Singh, N.K. Tyagi, J.B. Singh, Archna Singh, Rajeev Kumar and S.P. Singh	26-33
7.	Estimates of genetic parameters in diverse genotypes of chickpea (<i>Cicer arietinum</i> L.) for selection of parents in using hybridization programme	Jaydev Kumar, Shiva Nath and Amrendra Pratap Singh	34-37
8.	Estimation of heritability, variance components and genetic advance of yield and yield related traits in lentil (<i>Lens culinaris</i> medick.)	Vijay Sharma, Vinod Singh, Vivek Kumar Singh, Sunil Kumar Paswan and Azad Ahamed	38-42
9.	Expression of dreb2A for drought stress in selected indian wheat cultivars under green house conditions	Bhakti Rana, S. Kumar, Jang Bahadur Singh and Sudhir Kumar	43-47
10.	Studies on the genetic variation of yield and contributing traits in finger miller [Eleusine coracana (L) gaertn]	A.S. Patil and V.A. Mane	48-50
11.	Heterosis analysis in tulsi (Ocimum sanctum L.)	Neetu Singh and S.K. Singh	51-57
12.	Heterosis studies for yield components and cercospora leaf spot resistance in brinjal (Solanum melongena L.)	B. Venkata Naresh, A.K. Dubey, P.K Tiwari and P. Avani	58-60
13.	Genetic of some important yield determinants in six okra crosses	K.D. Patel, J.J. Savaliya and L.K. Sharma	61-66
14.	Combining ability and heterosis analysis for seed yield and its related traits in linseed (<i>Linum usitatissimum</i> L.)	Premchandra Yadav, P.N. Verma, R.K. Yadav, Shweta, Greesh Kumar Singh	67-70
15.	Genetic analysis of fruit yield and its components in okra [Abelmoschus Esculentus (L.) Moench]	K.D. Patel, A.V. Barad, J.J. Savaliya and D.S. Kelaiya	71-73

16.	Estimation on heterosis for yield contributing characters in pearl millet (<i>Pennisetum glaucum</i> (L.) R. Br.)	R.P. Lone, S.G. Khandagale, V.G. Khandagale and M.V. Dhupee	74-76
17.	Study of genetic diversity among genotypes for selection of desirable parameters act on high yield in chickpea (<i>Cicer arietinum</i> L.)	Anurag Kumar, Shiva Nath, Anand Kumar Yadav and Jaydev Kumar	77-79
18.	Correlation and path analysis for yield and yield components in black gram [Vina mungo (L.) Hepper]	Baudh Bharti, Rajesh Kumar, H.N. Bind, Arun Kumar and Vijay Sharma	80-83
19.	Combining ability and heterosis analysis for seed yield and its contributing traits in indian mustard [Brassica Juncea (L.) czern and coss]	Greesh Kumar Singh, Lokendra Singh, Alankar Lamba, Yogesh Pandey and Prem Chandra Yadav	84-87
20.	Heterosis studies for quantative traits in bitter gourd (Momordica charantia L.)	N.S. Talekar, M.A. Vaddoria and G.U. Kulkarani	88-91
21.	Genetic variability and character association studies in field pea	D.P.B. Jyothula and J. Varghese	92-94
SH	ORT COMMUNICATIONS		
22.	Genetic diversity analysis in brown sarson (Brassica rapa L.)	Z.A. Dar	95-96
22.	Genetic diversity among ocimum populations as reflected by morphological characters under subtropical conditions	Rekha Jakhar, S.S. Gaurav and D.K. Bahuguna	97-98
23.	Isolation of entomopathogenic fungi from holotrichia sp.	Neeraj, S.S. Garav, Sachin and A.K. Kaushal	99-100