

ORYZA

An International Journal on Rice

Survey of rice cultivars and landraces of upland ecology for <i>Phosphorous uptake 1 (Pup1)</i> QTL using linked and gene specific molecular markers	1-9
Elssa Pandit*, Auromeera Sahoo, Rajendra Kumar Panda, Durga Prasanna Mohanty, Dipti Ranjan Pani, Annamalai Anandan ¹ and Sharat Kumar Pradhan	
Partitioning of genetic variance for yield, yield components and sodicity tolerance in rice	10-20
M Sureshkumar*, SK Ganesh and M Sakila	
Morphological characterization and assessment of genetic purity of rice hybrids using SSR markers	21-26
GK Koutu ¹ , Arpita Shrivastava ² , RK Samaiya and DK Mishra	
Drought tolerance in recombinant inbred lines (RIL_s) derived from the cross of BPT-5204/Sahbhagi dhan	27-31
Sonali Kar and DN Singh*	
Biomass and crop growth rate differ in rice genotypes with variable rates of phosphorus and zinc application	32-41
Amanullah ^{1*} and Inamullah	
Efficiency of rice cultivars for zinc bio-fortification under red and lateritic soil condition	42-47
Arvind Kumar*, Manas Denre, Manoj Kumar Singh, BK Agarwal	
Effect of long-term use of fertilisers / nutrients on seed yield and quality in rice	48-51
S Pradhan, SK Swain*, KK Rout, S Mohanty and KC Muduli	
Salinity stress induced damage to lipids, proteins, primary photochemistry and possible protection by antioxidants in rice varieties from khazan fields of Goa	52-62
S Sankhalkar ^{1*} and V Vernekar	
Extra long, long, medium and short grain rices- biochemical and nutritional traits	63-73
G Kaur, N Sharma*, S Sharma, P Singh and GS Mangat	
Supplementation of Na₂FeEDTA-fortified rice improves haemoglobin status in anaemic girls	74-80
Supta Sarkar ¹ , Aparna Kuna ² , MM Azam ^{*3} , M Sowmya ¹ , E Suneel Kumar ¹ and T Ram	

Official Publication of

**Association of Rice Research Workers
National Rice Research Institute
Cuttack - 753 006, India**

Effect of biotic and abiotic factors on the population of brown planthopper, <i>Nilaparvata lugens</i> (Stal) in relation to two varieties and planting dates	81-90
AS Tatarwal, L Ram, R Singh and MK Jat	
Screening of rice genotypes against bakanae disease caused by <i>Fusarium fujikuroi</i> Nirenberg	91-97
ZA Lone, ZA Bhat, S Najeeb*, MA Ahanger, AB Shikari, GA Parray and Sajad Hussain	
<u>SHORT COMMUNICATION</u>	
Efficacy of new herbicide molecules for weed management in wet direct seeded rice	98-101
TVP Rajendra Prasad, C Venkata Reddy, M Bharathalakshmi* and PV Satyanarayana	
Screening of varieties for resistance to false smut (<i>Ustilagoidea virens</i> (Cook) Tak.) disease of rice	102-105
Rashmi CR, Gokulapalan C, Raji P, Surendran M	
Survey of seed-borne fungi associated with seeds of rice in Tamil Nadu	106-110
R Naveenkumar*, A Muthukumar and R Mohanapriya	
Instructions to Author	111