



Evaluation of paddy genotypes for morphological character under upland cultivation

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Abstract : A field trial conducted at MPKV, Rahuri during *Kharif* under upland condition in Randomized Block Design with three replication and twelve treatments . Paddy genotypes namely PBNR 89 II-6, PBNR 89, II-53, PBNR 90 III-64, PBNR 90 III-4, PBNR 90 II-11, PBNR 90 III-10, PBNR 89 I-3, PBNR 93-9, PBNR 93-4 and varieties Sugandha. (check), Parag (check), Basumati-370 (check) significant differences were observed among the genotypes for plant height, number of functional leaves, leaf area index, leaf area duration, dry matter production and grain yield. None of genotypes surplus the grain yield than variety parag and Basumati-370 under upland condition.

Key Words : LAI, LAD, RGR, AGR, Paddy, Genotypes, Morphological character

View Point Article : Kamble, C.M., Sonawane, K.M. and Rasal, P.N. (2014). Evaluation of paddy genotypes for morphological character under upland cultivation. *Internat. J. agric. Sci.*, **10** (1): 75-78.

Article History : Received : 21.01.2013; Revised : 16.09.2013; Accepted : 11.10.2013