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Abstract

During kharif 2018, a study on genotype x environment interaction for grain yield in Pearl Millet (*Pennisetum glaucum* L.) was carried out using a randomized block design with three replications in three artificially created environments having varied doses of fertilizers. A total of eighteen hybrids were chosen to estimate their stability with respect to different morphological characters as well as identify the best hybrid with respect to high yield. The

Keywords:

Introduction

1)

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Table 1: Hybrids chosen for the current study.

Sr. No.	Number of Hybrids			
1	RHB-173			
2	RHB-177			
3	RHB-223			
4	RHB-233			
5	RHB-234			
6	GHB-538			
7	GHB-558			
8	GHB-744			
9	GHB-905			
10	HHB-67			
11	HHB-197			
12	HHB-299			
13	9450			
14	9001			
15	86-M-86			
16	MCPH-17			
17	MARU-TEJ			
18	KBH-108			

Sr.No.	Environment	N₂(kgha ⁻¹)	P ₂ O ₅ (kg ha ⁻¹)	K₂O (kg ha⁻¹)	

Statistical analysis

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Results and discussion

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