



RESEARCH NOTE

Varietal performance of rice for their yield and its attributes in farmers field of Durg

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Exploratory studies were undertaken from the farmers field of village Hanoda, Durg district, Chattisgarh to evaluate the performance of different prevailing varieties of rice and to find out suitable variety of rice for lowland rice cultivation under agro climatic conditions. The growth and yield attributes of rice varieties varied significantly. The plant height decreased gradually in the following manner, Mahamaya>MTU 1010>Mahsuri >HMT>Danteshwari variety of rice grown. The maximum plant height (87.00 cm) was recorded with Mahamaya variety which was at par with MTU 1010 and Mahsuri varieties (86.87 cm and 84.25 cm) and was significantly higher than the HMT (82.37 cm) and Danteshwari (79.75 cm) varieties of rice grown. The number of tillers per plant increased gradually from 249.63 tillers per sq.m in Mahamaya to 284.13 tillers per sq.m in HMT and then decreased in case of Danteshwari. The data on grain yield revealed that significantly higher grain yield (48.00 q/ha) was recorded with HMT variety of rice grown. The grain yields increased gradually from 41.77q/ha in Mahamaya to 48.00 q/ha in HMT and then decreased to 44.12 q/ha in Danteshwari variety of rice crop.

Key words : Rice, Variety, Yield attributes, Yield

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