Response of maize (*Zea mays* L.) hybrids to fertility levels in *kharif* season

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ABSTRACT
A field experiment was conducted during the rainy season of 2002-2003 on “Response of maize (*Zea mays* L.) hybrids to fertility levels in *kharif* season” at Experimental Farm of College of Agriculture, Parbhani, Marathwada Agril. University, Parbhani. To identify suitable variety of maize for *kharif* season, to find out optimum dose of fertilizer for *kharif* maize and also to find out interaction effect of variety into fertility level on growth and yield of *kharif* maize. Results indicated that the PMH-19 hybrid recorded highest values of grain, fodder and biological yield and are suitable for *kharif* season under Marathwada conditions. Fertilizer dose of 120:60:60 kg NPK per hectare proved to be the best for maize in *kharif* season. Maize hybrid PMH-19 and an application of 120:60:60 kg NPK per ha found to be beneficial for higher yields of hybrid maize in *kharif* season.

Key words: Hybrids, Maize, Fertility