

INFLUENCE OF WEATHER PARAMETERS ON PEARL MILLET (*Pennisetum GLAUCUM* L.) VARIETIES AT ALLAHABAD

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Abstract: A field experiment was conducted during the kharif season 2014 at the research farm of School of Forestry & Environment, Sam Higginbottom Institute of Agriculture Technology and Sciences, Allahabad, to find out influence of weather parameters on pearl millet (*Pennisetum glaucum* L.) varieties under Allahabad condition in Randomized block design (factorial) with nine treatments replicated thrice. The results revealed that on 23rd July maximum growing degree day (1874.4 °C), hydrothermal unit-I (159679.6%), hydrothermal unit-II (100522.0%), photo temperature (2968.4 °C), nycto temperature (2968.4 °C). Whereas, maximum photo thermal unit (18885.2 °C), heliothermal unit (12147.9°C) and inter-diurnal temperature (846.8 °C) was recorded at 06 August sowing date.

Keywords: Pearl millet, Varieties, Agrometeorological indices

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