

Evaluation of different genotypes of Bathua (*Chenopodium album*) for growth, herbage yield, leaf quality and seed production under Allahabad agro-climatic condition.

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ABSTRACT : Eight genotypes of Bathua were evaluated at the Research Field, Department of Horticulture, SHIATS, Allahabad, during the year 2015-2016. The experiment was laid out in simple Randomized Block Design with three replications and eight genotypes as treatments. The analysis of variance revealed significant differences among the genotypes for all the characters. The observations were taken for 30, 45 and 60 DAS, respectively. The data were collected during the experiment and analyzed. It was observed that genotype Pusa Bathua recorded maximum herbage yield (3.85 t/ha), maximum seed yield (350 kg/ha), and highest B : C ratio (2.08).

Key Words : Bathua (*Chenopodium album*), herbage yield, leaf quality, seed yield.