

RESEARCH ARTICLE

Performance study of cluster bean germplasms under Lucknow condition

■ Sanjay Kumar, Sutanu Maji and S.K. Rawat

SUMMARY

Forty diverse genotypes of cluster bean [*Cyamopsis tetragonoloba* (L.) Taub.] were assessed in a field experiment entitled performance study of cluster bean germplasms under Lucknow condition in Randomized Block Design with three replications. The experiment was conducted at the Horticulture Research Farm of the Department of Horticulture, Babasaheb Bhimrao Ambedkar University, Lucknow- 226025 (U.P.) during Rabi season of 2016. The performance studies of 40 diverse genotypes of cluster bean and considerable variation was recorded for all the characters. The observations were recorded on 19 characters viz., plant height (cm), plant width (cm), leaf length, leaf width (cm), number of cluster, length of pod (cm), width of pods (cm), breadth of pods (cm), number of pods, number of leaves, width of leaves, seed per pod, weight of plant without leaves (g), weight of green leaves (g), weight of dry leaves (g), leaf length/ petiole ratio (cm), stem width, crude protein (%), ash (%) and dry matter (%).

Key Words : Growth, Yield, Quality, Cluster bean

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