



Research Paper

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Seed quality of okra cultivars as affected by sowing dates and plant geometry

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ABSTRACT : The experiment was carried out in rainy season during 2009 and 2010 at Seed Testing Laboratory of Gochar Mahavidyalaya, Rampur Maniharan, Saharanpur, Uttar Pradesh to study the influence of sowing time and plant geometry on seed quality of okra. Seed collected from all twenty four treatments subjected to laboratory test. In laboratory, experiment was laid out in Complete Randomized Design with three replications. The mean estimates of test weight (67.81g), seedling length (27.96cm.), and seedling dry matter (1.21g) in case of seed harvested from 24th June sowing were significantly best among all the sowing was superior in these traits over rest of the sowing. Very poor performance of these parameters was observed in the crop sown on 22th July. While the standard germination (87.46%), seed viability (83.44%), seed vigour index-I (2243.60) and seed vigour index-II (110.77) was observed superior under the treatment V1 (Prabha Kranti).

KEY WORDS : Date of sowing, Spacing, Growth, Yield, Variety, Okra

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