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RESEARCH ARTICLE

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Growth and yield attributes in niger as influence by sowing time

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ABSTRACT : A field experiment was conducted during the *Kharif* seasons of 2008-09 to 2011-12 at Niger Research Station, Navsari Agricultural University, Vanarasi (Gujarat), India to determine the most suitable sowing date for niger crop. Seeds (5 kg/ha) of niger variety GN-1 were sown in RBD on 15th July, 25th July, 4th August, 14th August, 24th August and 4th September with a spacing of 30 cm × 10 cm and supplied with recommended dose of NPK. The results revealed that sowing on second fortnight of July (15th to 25th July) produced the highest seed yield (kg/ha) attributed mainly to the increased number of branches, capitula per plant and a high 1000-seed weight whereas, delay in sowing leads to early flowering and maturity of niger crop might be due to favourable environmental conditions.

KEY WORDS : Sowing time, Yield, Growth, Niger

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