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## RESEARCH PAPER

# Growth and yield of chilli as influenced by spacing under greenhouse condition

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**Abstract :** An experiment was conducted at water management research unit of Kerala Agricultural University, Thrissur during 2011 and 2012 from June to November to assess the optimum spacing requirement of chilli grown inside greenhouse. Experiment was laid out in Randomized Block Design with four treatments and five replications. Treatments consisted of three spacing *viz.*, 45 × 45 cm, 50 × 50 cm and 55 × 55 cm in the greenhouse condition and it was compared with chilli grown under open field condition with spacing of 45 × 45 cm. Results revealed that chilli performed better under greenhouse condition than under open condition during rainy season. Spacing had significant influence on the growth and yield of chilli under green house condition. Spacing of 50 × 50 cm recorded highest yield followed by 55 × 55 cm.

**Key Words :** Protected cultivation, Spacing, Greenhouse, Yield

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