Effect of spacing and different levels of fertilizer on growth and yield of bell pepper under shade net condition

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ABSTRACT
Bell pepper is one of the important salad vegetable crops with fruits rich in vitamin C. To get the higher productivity, optimum spacing and suitable level of fertilizer are necessary. Therefore, an experiment was conducted to find out the effect of spacings and different levels of fertilizers on growth and yield of bell pepper under shade net condition. The experiment was conducted at Horticulture garden, RARS, Raichur during Kharif, 2008. The Spacing S3 (30 x 30 cm) recorded significant yield (66.90 t/ha\textsuperscript{-1}) with fertilizer dose F6 (RDF + FYM). Minimum yield was noticed in spacing S1 at F1 (46.13 t/ha\textsuperscript{-1}). Spacing S3 with F6 fertilizer dose performed better with respect to growth components \textit{viz.}, number of branches per plant, stem thickness, plant spread, at all stages of crop growth. However, plant height was maximum in closer spacing 30 x 30 cm at all levels of fertilizer dose.

Key words: Bell pepper, Spacing, Fertilizer, Shade net