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Effect of rate and time of application of nitrogen on growih and productivity of french bean (*P. vulgaris*)

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Abstract

Field experiment was conducted eluring winter season of 1990–91 and 1991 92 to study the effect of nitrogen rates (0, 40, 80, 120 and 160 kg N/ha) and times of application (Full basal, 1/2 as basal + 1/2 at branching, 1/2 at basal + 1/2 at 50% pod formation, 1/3 as basal + 1/3 at branching + 1/3 at 50% pod formation and 1/4 as basal + 1/2 at branching + 1/4 as 50% pod formation) on the growth, yield and yield attributes of French bean (*Phaseolus vulgaris* L) cultivar HUR-15. All the rates showed significant differences In yield among themselves. While, application of nitrogen 1/2 as basal + 1/2 at branching proved to be the most effective mode of application.

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