

RESEARCH ARTICLE

Effect of spacing and genotypes on yield attributes and yields of french bean (*Phaseolus vulgaris* L.)

■ C. M. Kamble, A. P. Trivedi, A. S. Bhanvadia, J. J. Ghadiali and B. K. Patel

SUMMARY

A field experiment was carried out at the Regional Research Station, Anand Agricultural University, Anand to access the effect of various spacing and genotypes on yield attributes and yields of french bean (*Phaseolus vulgaris* L.) during *Rabi* seasons of 2019-20 and 2020-21. The experiment consists of twenty-two treatment combinations comprised of two levels of spacing [S_1 : 30 x 10 cm and S_2 : 45 x 10 cm] and eleven levels of genotypes [G_1 : SKAUSJ-WB 185, S_2 : Tripura Rajma-1, G_3 : Phule Rajma, G_4 : Phule Suyash, G_5 : RKR 1011-1, G_6 : RKR 1033, G_7 : GR-1, G_8 : Varun, G_9 : HPR-35, G_{10} : IPR-98-3-1 and G_{11} : Swarna Safal (ICAR Ranchi)]. The results revealed that 45 x 10 cm spacing recorded significantly higher yield attributes and yields of french bean. While among the various genotypes tested, the significantly higher yield attributes and yields were obtained in Swarna Safal genotype of french bean and it also remained at par with Phule Rajma and GR-1 genotypes.

Key Words : French bean, Spacing, Genotype

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