

Research Article

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Effect of sulphur and zinc with and without FYM on yield and yield attributes of mustard [*Brassica juncea* (L.) Czern and Coss] grown on light textured soil of Kachchh

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Summary

A field experiment consisting of 24 treatment combinations of four levels of sulphur (0, 20, 40, 60 kg/ha) and three levels of Zinc (0, 2.5 and 5.0kg Zn/ha) and two level of FYM (0 and 10 t FYM/ha) was conducted with two consecutive years from 2007-08 and 2008-09 with three replications under Factorial Randomized Block Design at Bhachau-Kachchh to study the effect of S and Zn with and without FYM on yield and yield attributes of mustard. Application of 60kg S/ha and 5.0kg Zn/ha along with 10t FYM/ha significantly increased the yield attributes and yield of mustard as compared to control but it was at par with the application of 40kg S/ha and 5.0kg Zn/ha along with 10t FYM/ha and maximum economic benefits of gross realization, net realization along with highest BCR of 4.84: 1.

Key words : Economics, FYM, Indian mustard, Sulphur, Yield, Yield attributes, Zinc

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