

Effect of phosphorus and sulphur nutrients on *Brassica campestris* L. variety toria under dry land condition

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ABSTRACT : The experiment was laid out in a Factorial Randomized Block Design with twelve treatments and replicated thrice. Results indicate that the effect of phosphorus and sulphur nutrient with different treatments. Significant effects were observed in plants growth attributes due to presence of phosphorus and uptake of phosphorous increased due to presence of sulphur ultimately resulting in good yield. However, plant heights (165.00 cm), number of branches plant⁻¹ (7.33), plant dry weight (g) (21.27), crop growth rate (g m⁻² day⁻¹) (19.90), relative growth rate (g g⁻¹day⁻¹) (0.055), number of siliqua plant⁻¹, (329.13), number of seeds siliqua⁻¹ (18.73), test weight (g) (3.83), seed yield (t ha⁻¹) (1.96), harvest index (%), (19.89) and oil content (%) (1.22) were found significantly affected by the application of phosphorus and sulphur and cost benefit ratio was also found (2.24) on higher side.

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