



Effect of phosphorus, PSB and zinc on yield attributes and yield of isabgol (*Plantago ovata* Forsk)

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Abstract : A field experiment was conducted to study the effect of four levels of phosphorus (0, 10, 20 and 30 kg P₂O₅ ha⁻¹) two levels of PSB (without and with inoculation) and three levels of zinc (0, 2.5 and 5.0 kg Zn ha⁻¹). The results showed that application of phosphorus significantly increased the yield attributes (number of spikes per plant, spike length and seeds per spike), yields (seed and straw) and net returns of isabgol upto 20 kg P₂O₅ ha⁻¹. The inoculation of seed with PSB significantly enhanced the yield attributes, yields and net returns over uninoculated control. Application of zinc significantly increased the number of spikes per plant, seeds per spike, spike length, seed and straw yields and net returns upto 5.0 kg ha⁻¹.

Key Words : Phosphorus, Zinc, Yield attribute, Isabgol

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