

Effect of phosphorus and sulphur fertilization on yield attributes and yields of blond psyllium (*Plantago ovata* Forsk)

■ D.K. JAJORIA, A.C. SHIVRAN AND G.P. NAROLIA

SUMMARY

A field experiment was conducted to study the effect of phosphorus levels (0, 10, 20 30 and 40 kg P₂O₅ ha⁻¹) and sulphur levels (0, 10, 20 and 30 kg S ha⁻¹) on yield and economics of blond psyllium (*Plantago ovata* Forsk). The results showed that application of phosphorus significantly increased the spikes per plant, seed and biological yields of blond psyllium up to 30 kg P₂O₅ ha⁻¹, however, spike length, grains per spike, test weight and straw yield were significantly increased up to 20 kg P₂O₅ ha⁻¹. Application of sulphur significantly increased the grains per spike, seed, straw and biological yields up to 20 kg S ha⁻¹, however, spikes per plant significantly increased up to 30 kg S ha⁻¹ and spike length up to 10 kg S ha⁻¹.

Key Words : Blond psyllium, Phosphorus, Sulphur, Yield attributes, Yield

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MEMBERS OF THE RESEARCH FORUM

Author to be contacted :

D.K. JAJORIA, Department of Agronomy, Agricultural Research Station, Maharana Pratap University of Agriculture and Technology UDAIPUR (RAJASTHAN) INDIA
Email: jajoriadinesh@gmail.com

Address of the Co-authors:

A.C. SHIVRAN, Department of Agronomy, S.K.N. College of Agriculture, (SKRAU), JOBNER (RAJASTHAN) INDIA

G.P. NAROLIA, Agricultural Research Station (MPUA&T) UDAIPUR (RAJASTHAN) INDIA
Email: narolia.agro@gmail.com