

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

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SUMMARY

A field experiment was conducted to study the effect of phosphorus levels (0, 10, 20 30 and 40 kg P_2O_5 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 P_2O_5 ha⁻¹, however, spike length, grains per spike, test weight and straw yield were significantly increased up to 20 kg P_2O_5 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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