



## Effect of phosphorus and sulphur fertilization on economics of blond psyllium (*Plantago ovata* Forsk) and optimum doses of fertilizers

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**Abstract :** A field experiment was conducted to study the effect of phosphorus levels (0, 10, 20 30 and 40 kg P<sub>2</sub>O<sub>5</sub> ha<sup>-1</sup>) and sulphur levels (0, 10, 20 and 30 kg S ha<sup>-1</sup>) on economics of blond psyllium (*Plantago ovata* Forsk) and optimum doses of fertilizers. The results showed that application of phosphorus significantly increased the net returns and seed yield of blond psyllium up to 30 kg P<sub>2</sub>O<sub>5</sub> ha<sup>-1</sup>. Whereas, B:C ratio significantly increased up to 20 kg P<sub>2</sub>O<sub>5</sub> ha<sup>-1</sup>. Application of sulphur significantly increased the net returns, B:C ratio and seed yield up to 20 kg S ha<sup>-1</sup>. A level of 37.17 kg P<sub>2</sub>O<sub>5</sub> ha<sup>-1</sup> and 28.824 kg S ha<sup>-1</sup> were found optimum doses for grain yields of 1288.54 kg ha<sup>-1</sup> and 1260.115 kg ha<sup>-1</sup>, respectively.

**Key Words :** Blond psyllium, Phosphorus, Sulphur, Economics, Optimum dose

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