

## Response of phosphorus and sulphur fertilization on content and uptake of blond psyllium (*Plantago ovata* Forsk)

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### SUMMARY

An experiment conducted during *Rabi* season of 2002-03 to study the effect of phosphorus and sulphur on content and uptake of blond psyllium. Result revealed that all the phosphorus levels remained at par with each other in respect to nitrogen content in grain and straw. Application of phosphorus significantly increased phosphorus and sulphur content in grain and straw and nitrogen uptake by straw up to 20 kg P<sub>2</sub>O<sub>5</sub> ha<sup>-1</sup> whereas, nitrogen uptake by grain, phosphorus and sulphur uptake by grain and straw and total nitrogen, phosphorus and sulphur uptake up to 30 kg P<sub>2</sub>O<sub>5</sub> ha<sup>-1</sup>. Application of sulphur significantly increased phosphorus and sulphur content in grain and straw and nitrogen and phosphorus uptake by grain and straw, total nitrogen uptake and sulphur uptake by straw up to 20 kg S ha<sup>-1</sup>, whereas, total phosphorus and sulphur uptake by grain up to 30 kg P<sub>2</sub>O<sub>5</sub> ha<sup>-1</sup>.

**Key Words :** Blond psyllium, Phosphorus, Sulphur, Content, Uptake

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