



*Research Article*

## Effect of nutrients (K and S) on growth, yield and economics of summer pearl millet [*Pennisetum glaucum* (L.)]

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**ABSTRACT :** The result of the study indicated that the growth and yield attributes increased by application of 120 kg K<sub>2</sub>O/ha followed by 90 kg K<sub>2</sub>O/ha. The maximum grain (3629 kg/ha) and fodder (6917 kg/ha) yields were recorded by application of 120 kg K<sub>2</sub>O/ha followed by 90 kg K<sub>2</sub>O/ha. The maximum grain (3619 kg/ha) and fodder (6875 kg/ha) yields were recorded by application of 40 kg S/ha followed by 30 kg S/ha. The maximum net realization of (Rs.22888/ha) along with BCR value of 2.36 was recorded by application of 120 kg K<sub>2</sub>O/ha followed by 90 kg K<sub>2</sub>O/ha with net realization of (Rs.21265/ha) and BCR (2.30). The highest value of net realization (Rs.24299/ha) with BCR (2.58) by 40 kg S/ha followed by 30 kg S/ha with net realization of (Rs. 22299/ha) and BCR (2.46).

**KEY WORDS :** Potassium, Net return, Pearl millet, Sulphur, Yield, Nutrients

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