



## RESEARCH NOTE

# Effect of foliar sprays of water soluble fertilizer, growth regulator and micronutrients on yield and quality of soybean

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**Abstract :** A field experiment was conducted during *Kharif* seasons of 2012, at Mahatma Phule Krishi Vidyapeeth, Rahuri, dist. Ahmednagar to study effect of foliar sprays of water soluble fertilizer, growth regulator and micronutrients on yield and quality of soybean. Significantly higher grain yield ( $22.70 \text{ q ha}^{-1}$ ) and straw yield ( $21.00 \text{ q ha}^{-1}$ ) was obtained in treatment GRDF + foliar spray of 19:19:19 NPK 0.5 % +  $\text{H}_3\text{BO}_3$  0.5 % +  $\text{ZnSO}_4$  0.5 % at 30 and 40 DAS. Among the treatment highest protein content (38.54%) and oil content (19.14%) was obtained in treatment GRDF + foliar spray of 19:19:19 NPK 0.5 % +  $\text{H}_3\text{BO}_3$  0.5 % +  $\text{ZnSO}_4$  0.5 % at 30 and 40 DAS.

**Key Words :** Foliar spray, Soybean, Water Soluble fertilizer, Micronutrient, Growth regulator

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