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Effect of nutrients and terminal clipping on growth and yield of summer sesame (*Sesamum indicum* L.)

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A field experiment was conducted at Agriculture College Farm, Department of Agronomy, Dr. Panjabrao Deshmukh Krishi Vidhyapeeth, Akola during summer (Feb-May) 2011-12 to examine the influence of morphological adaptation through terminal clipping on yield and nutrient uptake in sesame. The trial was conducted in Factorial Randomized Block Design (FRBD) with three replications employing two factors viz., N₁ (RDF), N₂ (RDF + ZnSO₄), N₃ (RDF + FeSO₄) and four clippings viz. C₀ (no clipping), C₁ (clipping at 25 DAS), C₂ (clipping at 35 DAS), C₃ (clipping at 45 DAS). The outcome of the study point out that application of recommended dose of fertilizer (25:25:0 kg/ha) in combination with zinc sulphate and clipping at 35 days after sowing favourably improved the yield trait, oil content (%) and higher benefit : cost ratio of the sesame.

Biography

Dipali Ramesh Kamble has completed MSc Agronomy from Dr. Panjabrao Deshmukh Krishi Vidhyapeeth, Akola, India. Now she is pursuing PhD Agronomy at Vasantao Naik Marathwada Krishi Vidyapeeth, Parbhani, Maharashtra, India.

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