

Response of Sesame to Foliar Application of N, P and K

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ABSTRACT

A field experiment was conducted during 2010 and 2012 at Agricultural Research Station, Yelamanchili, to determine the response of sesame to foliar application of N, P and K. Among the foliar treatments spraying with Multi-K(13:0:45) yielded significantly higher (522 Kg/ha). However recommended dose of fertilizer recorded higher yield than all the other treatments. During kharif the BC ratio was higher (2.65) with recommended dose of fertilizers as the gross returns and net returns were higher. Both the foliar treatments Urea and MOP recorded with BC ratio of 1.53 as the cost of treatments was low. However multi- k and polyfeed (19:19:19) recorded low BC ratio as the cost of treatments was high. During rabi the BC ratio was 2.87 higher with recommended dose of fertilizers as the gross returns and net returns were higher. Both the foliar treatments urea and MOP recorded with BC ratio of 2.56 and 2.77 as the cost of treatments was low. However multi- k and polyfeed recorded low BC ratio as the cost of treatments was high.

Key words : Foliar, Response of sesame.