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RESEARCH PAPER

Effect of foliar nutrition of urea and diammonium phosphate on seed yield and economics of sesame (*Sesamum indicum* L.) under rainfed situation

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Abstract : Field experiments were conducted on deep black soil of Mamurabad farm, Oilseed Research Station, Jalgaon (Maharashtra). Sesame cv. JLT-7 was sown during 2008,2009 and 2010 to find out suitable combination of soil and foliar application of urea and diammonium phosphate for seed yield maximization and remunerative treatments . Result revealed that, soil application of RDF + foliar spray of 2 per cent urea twice at flowering and pod formation stages significantly improved the yield attributes viz., number of capsules plant⁻¹ and number of seeds capsule⁻¹. These attributes contributed in producing significantly higher seed and oil yields and also proved more remunerative over soil application of RDF alone.

Key Words : Sesame, Foliar nutrition, Seed yield, Oil yield, Economics

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