



RESEARCH ARTICLE :

Weed dynamics, growth, yield and economics of ajwain (*Trachyspermum ammi*) influenced by integrated weed management

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SUMMARY : A Field experiments conducted at Hyderabad (Telangana), to find out the economic feasibility of weed management practices in terms of weed control efficiency and performance of Ajwain (*Trachyspermum ammi*) indicated that weed-free treatments resulted in higher plant growth, maximum yield attributes and seed yield followed by oxyfluorfen @ 0.12 kg *a.i* ha⁻¹ as PE fb quizalofop -p-ethyl @ 0.05 kg *a.i* ha⁻¹ as PoE at 20 DAS. Maximum net returns (Rs. 67692ha⁻¹) and highest cost : benefit ratio (1:2.7) was obtained in oxyfluorfen @ 0.12 kg *a.i* ha⁻¹ as PE fb quizalofop -p-ethyl @ 0.05 kg *a.i* ha⁻¹ as PoE at 20 DAS.

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KEY WORDS :

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