



**RESEARCH PAPER**

# Weed management in cowpea [*Vigna unguiculata* (L.) Wasp.] under rainfed conditions

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**Abstract :** A field experiments was conducted for two consecutive *Kharif* seasons of 2012 and 2013 at Rajasthan Agricultural Research Institute, Durgapura, Jaipur to study the effect of weed management practices on cowpea under rainfed conditions. Results revealed that application of imazethapyr + imazemox @ 40 g ai/ha at 20 days after sowing (DAS) recorded lowest dry weight of both monocot and dicot weeds with highest weed control efficiency (84.8%). However, maximum seed yield (9.04 q/ha), net returns (Rs. 24718/ ha) and B:C ratio (3.46) was obtained under application of imazethapyr @ 40 g/ha at 20 DAS.

**Key Words :** Cowpea, Resource management, Pod yield, B : C ratio

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