

RESEARCH ARTICLE :

Farmer's opinion towards integrated weed management practices in Narsinghpur district of Madhya Pradesh

■ VARSHA SHRIVASTAVA, N.K. KHARE AND KINJULCK C. SINGH

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SUMMARY : The present study was carried out with the objective to know the farmers opinion towards the integrated weed management practices and the adoption of weed management practices in Narsinghpur District of Madhya Pradesh. In order to achieve the objectives the study was carried out in five randomly selected villages of Saikheda block of Narsinghpur district. The total 120 respondents were selected by proportionate random sampling method from the selected villages. The farmers of selected villages were grown paddy, pigeon pea and soybean in *Kharif* season and wheat, gram and sugarcane in *Rabi* season. 39.17 per cent paddy growers, 36.67 per cent soybean growers and 38.33 per cent pigeon pea growers adopted chemical control method. Majority of wheat farmers 75 per cent applied herbicide while 20.00 per cent gram growers adopted only hand weeding. Majority of farmers 83.33 per cent have adopted both mechanical and chemical control practices in sugarcane. Cent per cent farmers have considered weed as a major obstacle in crop cultivation and cent per cent farmers thinks that integrated weed management practices gives better result. Majority of the farmers 71.43 per cent applied herbicide at recommended dose and 72.27 per cent applied herbicide at recommended time. Higher percentage of the farmers 69.74 per cent used flat fan nozzle and 63.87 per cent used hand operated sprayer for spraying.

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Author for correspondence :

VARSHA SHRIVASTAVA
Department of
Extension Education,
Jawaharlal Nehru Krishi
Vishwa Vidyalaya,
JABALPUR (M.P.) INDIA
Email: varshashrivastavagdr
@gmail.com

See end of the article for
authors' affiliations