SHORT COMMUNICATION

ASSESSMENT OF WEED MANAGEMENT IN SOYBEAN (*GLYCINE MAX*. L.)

B.S. Parihar[1]*, B.P. Tripathi[2], K.K. Pandey[3]

Krishi Vigyan Kendra , Kawardha, Chhattisgarh,491995
Krishi Vigyan Kendra , Kawardha, Chhattisgarh,491995
SKCARS, Kawardha, Chhattisgarh, 491995

Received-22.02.2016, Revised-28.02.2016

Abstract: Soybean is known as 'golden bean" due to its various uses .It is two-dimensional crop as it contains 40-42 per cent high quality protein and 20-22 per cent oil. There are several constraints in the soybean one of them is weeds which often poses serious problem. Labour saving and eco-friendly weed management technology in soybean, which includes herbicides, can prove more economical and beneficial. Weed management by Imazethapyr 35% + Imazamox 35% WG 70g a.i./ha at 15 DAS found superior for Yield, Weed control efficiency, Gross return ,Net return and benefit :cost ratio over No use of herbicide with Delayed manual weeding and weed management by Emazethapvr 10%S.L@ 75 g a.i./ha at 15 DAS. In the *vertisol* of Chhattisgarh.

Keywords: Soybean, Weed management, Imazethapyr, Imazamox

REFERENCES

Chandel, A. S. and Saxena, S.C. (2001). Effect of some new post emergence herbicides on weed parameters and yield of soybean (*Glycine max*.).*Indian Journal of Agronomy* 46(2):332-338

Girothia, O.P. and Thakur, H.S. (2006). Efficacy of post –emergence herbicides for weed management in soybean (*Glycine max.L. Merrill*) in *Vertisols. Soybean Research.*4:20-23

Kurchania, S. P., Rathi, G.S., Bhalla, C.S. and Mehew, R. (2001). Bio efficiency of post – emergence herbicides for weed control in soybean (*Glycine max.L. Merrill*) *Indian journal of weed* Science Science33(1-2):34-37s

Kushwah, S.S. and Vyas, M.D. (2005). Herbicidal Weed control in soybean (*Glycine max.L. Merrill*). *Indian Journal of Agronomy* 50(3):225-227

*Corresponding Author