COST EVALUATION OF PESTICIDE AGAINST MAJOR PEST COMPLEX OF PADDY CROP IN DHAMTARI DISTRICT OF CHHATTISGARH

Randeep Kr Kushwaha*, Vijay Kr Koshta, Sanjay Sharma, Jaya Luximi Ganguli and Padmesh Kundan Sharma

* Department of Agriculture, C.G. Govt., Raipur, Chhattisgarh, India- 492 012
2 Department of Entomology, CoA, IGGV, Raipur, Chhattisgarh, India- 492 012

Email: rndp2010@gmail.com

Received-18.12.2015, Revised-25.12.2015

Abstract: The study was carried out at the prone area of different villages in Dhamtari district of Chhattisgarh. During 2009, the average cost of pesticides against major pest complex of paddy was ranged from Rs. 606.94 to 12.00. The maximum cost of the pesticides against SB (Rs. 606.94) was recorded followed by HC (Rs. 278.19) and minimum (Rs.12.00) in GB with the cost of share was 47.77, 21.89 and 0.94 percent, respectively. Whereas, during 2010, the average cost of pesticides was ranged from Rs. 574.64 to 12.00. The maximum cost of the pesticides (Rs. 574.64) was recorded followed by LF (Rs. 338.55) and minimum (Rs.12.00) in GB with the cost of share was 42.19, 24.85 and 0.88 percent, respectively. Pooled pesticide cost of major pest complex was ranged from Rs. 590.79 to 12.00. The maximum cost (Rs. 590.79) was recorded against SB followed by HC (Rs.277.31) and minimum (Rs. 12.00) in GB with the cost of share was 44.88, 21.07 and 0.91 percent, respectively. Descending order of the average pesticide cost of major pest complex in paddy crop can be ranked as GM<GB< CW< O <HC< SB. On the basis of information collected from the contact farmer through personal interview, some possible reasons comes out which may be the maximum respondents invested cost against SB followed by HC on paddy cultivation which causes major problems in that area and occurring every season which causing a perceptible damage to rice.

Keywords: Paddy cultivation, Pesticides, Cost and return, Plant protection cost, Pest complex of paddy return

REFERENCES


*Corresponding Author