

PESTICIDE USE AND APPLICATION PATTERNS AMONG FARMERS: A STUDY FROM THE NCR REGION (GURGAON) OF HARYANA

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ABSTRACT

The study was conducted on 110 farmers, to find out the usage and pattern of use, awareness about pesticides and its health prospective on the farmers of the Gurgaon district of Haryana. The structured questionnaire was provided to the farmers to get the data about their personal issues, pesticide use, health issues and awareness about pest control. The comparative analysis revealed that Malathion (90%) and Phorate (87%) are the two pesticides which are being most frequently being used by the farmers. The bio pesticides are not so common among the farmers. The chemical pesticides are being used by the farmers with manual application without proper requisite safety measures. There was no correlation among education, age and health hazards among the farmers. The choice of pesticide were not based on the efficacy but on recommendations and cost effectiveness.

KEYWORDS: Pesticides, Insecticides, Haryana, Health Hazards