

Contribution to the Study of the Use of Pesticides in the Regions of Tizi Ouzou

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Abstract : Farmers in the two regions of Tizi-Ouzou, DBK and Tadmaït, face different crop pests, namely, fungal diseases, insect attack as well as different types of deficiencies. To fight against all these threats, they resort to the use of a wide variety of chemicals. Our survey carried out in these two regions, aims to identify the different types of pesticides used, the method of management of the packaging generated by these phytosanitary products as well as the evaluation of the effect of these products on the farmers' health and the environment. The results obtained highlighted the use of two types of pesticides with a very wide application, namely fungicides and insecticides. The two most widely identified chemical families are neonicotinoids and organophosphates, which are among the most toxic and persistent pesticides in the environment. The management method of packaging and the application of products by spraying reflect the lack of training and the unawareness of farmers vis-à-vis the impact of pesticides on their health and on the environment.

Keywords : farmers, crops, pesticides, fungicides, neonicotinoids, organochlorines

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