



Integrated Pest Management

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Opinion

Integrated pest management (IPM) is the ideal means to reduce the use of pesticides and preserve the environment from pollution, which leads to the safety of food and thus the preservation of human health. For integrated control to succeed, the following methods must be followed the many steps.

A. First: Follow a suitable agricultural cycle (crop rotation) where the cultivation of one crop in the same land should not be repeated more than three times at most or where crops from different plant families are grown so that the families of diseases are not available year after year.

B. Second: Preparing the land for agriculture by plowing, flocculation and sanding, in order to get rid of the spores of fungi and bacteria from diseases in the soil, as well as the seeds of weeds and the removal of harmful worms located under the surface of the soil.

C. Thirdly: Weed out mechanically and get rid of the seeds of weeds lying in the ground of false soil and after the emergence of weeds on the surface of the earth is disposed of as it is considered the host of plant pathogens and it also shares the plants in their food, which affects the plants.

D. Fourth: The use of plant varieties resistant to diseases.

E. Fifth: Agriculture in a timely manner.

F. Sixth: Moderation in irrigation and fertilization.

G. Seventh: After the cultivation of the daily follow-up of the plantations and when you see the beginning of any infected plant must be immediately disposed of and the use of protective spray.

H. Eighth: The weather should be monitored daily and when there is information indicating the possibility of a disease such as late seminar, for example, some pesticides should be used to eliminate the bacteria and thus reduce the spread of the disease.

I. Ninth: In case of injury already must be treated with pesticides, whether vital or chemical, considering the conditions through which the pesticide is used:

a) The suitable pesticide with the suitable dose on the suitable crop

b) The pre-harvest period (PHI) should also be followed. This is the period in which the residue of the pesticide is eliminated before harvest.

All the above can be named Integrated Pest Management (IPM).



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