



Analysis of Discontinue of Integrated Pest Management Technology in the Greenhouses of Alborz Province

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Integrated pest management (IPM) is one of the most popular strategies that uses for attainment of sustainable agricultural purposes. According to the 5th development program, all of the earth's greenhouse products should have been under IPM (except; of ornamental plants and flowers), since 2010. In spite of the expressions and efforts for extension of IPM, greenhouse owners did not inclination to continue IPM after one, two or maximum three years. So, this research analyses reasons for discontinuing IPM method in greenhouses'. The research is qualitative that used interview. The research population consisted of 38 persons who grown cucumber from Karaj, Nazar Abad and Hashtgerd townships. According to the results, greenhouse owners mentioned 28 main reasons for discontinuing of IPM method. The most important of them included: "governmental sanction that inhibited entrance of product inputs", "low profitability for providing of family life costs" and "lack of continual and suitable market for organic products". For easiness in information explain, the reasons of IPM method discontinue classified in five factors included economic, political, technology characteristics, consumer's view to the organic products, and risk and ambiguity factors. In fact, farmers' reason for non-adoption of sustainable agricultural and its technology (like IPM) is a substance conflict between its ecology and economic purposes. As the implementing costs of integrated pest management is more than greenhouse owners' financial ability, so it is recommended that government increased the economic supports of mentioned greenhouse owners (like; grant loan and special facilities and guarantee the purchase of organic products).

Keywords: Discontinue, Integrated pest management (IPM), Greenhouse.