

## 农户参与三氯杀螨醇替代技术培训积极性的影响因素分析

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## Factors Affecting Enthusiasm of Farmers in Attending Training for Alternative to Dicofol

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摘要

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**摘要** 病虫害综合防治 (IPM) 技术旨在结合生物、农学及物理防治方法, 合理使用化学农药, 降低农业生产成本, 保护农业劳动者健康和生态环境。以联合国开发计划署 (UNDP)、环境保护部对外合作中心和全国农业技术推广中心联合启动实施的“中国含滴滴涕三氯杀螨醇生产控制及 IPM 技术替代全额示范项目”为例, 系统分析影响农户参与 IPM 培训积极性的主要因素。结果表明, 农户种植规模对农户参与 IPM 培训的积极性影响显著, 学员性别和年龄不是影响其参加培训积极性的显著因素; 学员参加培训的次数越多, 其对 IPM 技术的采纳率越高。农民田间学校应更多地吸收老人和妇女参加三氯杀螨醇替代技术及 IPM 培训。

**关键词:** 持久有机污染物 三氯杀螨醇 病虫害综合防治 农民田间学校

**Abstract:** The technology of integrated pest management (IPM) is oriented to integrate biological, agronomic and physical means in pest control, so as to rationalize the use of chemical pesticides, lower agricultural production cost, protect farmers' health and eco-environment. With the progress of industrialization and urbanization, China has seen her agricultural labor force aging and feminized. How China can sustain her agricultural production to meet the growing demand for food is a challenge to the country but also to the world. By making use of the data available from the joint project "demonstration for use of IPM technology as alternative and control of the production of DDT containing dicofol in China" initiated by UNDP and the Ministry of Environment Protection of China, systems analysis was conducted of main factors affecting enthusiasm of farmers to attend IPM training. Results show that scale of the farming is the major factor, while gender and age is not. The more trainings the farmers attend, the more likely they are to adopt IPM technique. Farmers training courses should attract more aged and female farmers into the training for alternative to dicofol and adoption of IPM technique.

**Keywords:** POPs dicofol Integrated pest management (IPM) farmer field school

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