



IPM 農民田間學校培訓流程~水稻

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簡歷：

http://www.bicd.ntu.edu.tw/zh_tw/members/1/4/%E7%8E%8B-%E6%B7%91%E7%BE%8E-7726092

市場及需求:

病蟲害綜合治理 (IPM) 係結合生物控制，棲息地管理，慣行農作習慣的改變和抗性品種的使用等技術，進行長期病蟲害防治的田間管理技術。可以有效取代慣行農法。

其優點包括：降低病蟲害防治成本、環境友善、減少農藥殘留、降低環境抗藥性，有易國民健康。但所有參與 IPM 的人員都需要接受專業培訓，對農民來說實在耗時耗力，且有高度的專業知識門檻，使得多數農民無法採用 IPM。

技術摘要:

本研究室規劃了一套 IPM 農民田間學校培訓流程與推動機制，這套機制可以幫助農民有效學習 IPM，縮短學習時間，提升 IPM 施行成功率。

優勢:

通常 IPM 需要因地制宜，因此每個地區都需要單獨的計劃。但是，本計畫已經完成台灣地區稻米產業之適地計畫，可以立即上線使用。

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Lesson of IPM farm field school-Rice

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Experience:

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Market Needs:

1. **Integrated Pest Management (IPM)** is an ecosystem-based strategy that focuses on long-term prevention of pests or their damage through a combination of techniques such as biological control, habitat manipulation, modification of cultural practices, and use of resistant varieties. It is a good way to replace conventional farming.
2. The Advantages of IPM are: lower cost intervention, benefits to the environment, minimizes residue hazards of pesticides, anti-resistance, as well as, useful and best intervention for the general public. While all those involved in the IPM needs to be educated and trained which often requires much time. It is the reason that most farmers do not employ IPM.

Our Technology:

3. Our Lab. plans the mechanism and lesson of IPM farm field school, which help the farmers effective learning and to improve success rate in IPM practice.

Strength:

IPM strategies differs from region to region, a separate plan is required for each region. This plan is suitable for rice production in Taiwan. In Taiwan, rice farmer's cooperation can apply IPM immediately.

Contact (do not need to fill out):

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