



Introduction to Integrated Pest Management

Created by Global Growers, Atlanta GA.

Summary

This field or classroom workshop will introduce farmers to the principles of integrated pest management, with a focus on identification and options for management practices. The lesson is based around a resource we created called “Pest Management in the Garden,” which is printed in a large format (approximately 4’x 6’) and mounted outdoors at each of our farm/garden sites.

Who made this guide?

This teaching resource was developed by Global Growers and enhanced in collaboration with the Institute for Social and Economic Development (ISED). From 2015-2017, ISED partnered with refugee farmer training programs throughout the country to support the design of new and shareable teaching resources for culturally and linguistically diverse farmers. To access the whole list of newly developed teaching resources for refugee farmer training program, follow this link to New Entry’s [‘New American Resource Library’](#). For more in-depth explanations of the teaching approaches and activities used in these materials, you can refer to this [Refugee Farmer Teaching Handbook](#).

Audience (TA or Tot)	TA (could also be ToT)
Language and Literacy Level	All (language and literacy levels will influence which teaching methods you choose to employ and how you will use the actual resource, i.e., handout versus using it to follow as you teach with interpreter.)
Farmer Experience	Beginner to advanced
Pre-Requisites	Helpful to have at least 1 season of growing so that learners can connect to local experience.
Region or Climate	Southeast (pests are specific to this region, please keep this in mind if using this resource)
Program Structure	Community gardens and farms
Season	Any
Time	60 minutes
Staff and Interpreters	One staff, interpretation as needed
Additional Supplies Needed	Optional: vocabulary cards with icons and pests for matching/sorting
Background Material	Understanding of principles of integrated pest management

TEACHING MATERIALS INCLUDED

1. Pest Management in the Garden Sign



CORE SKILLS IN THIS LESSON

- Pest identification vocabulary
- Integrated pest management principles
- Pest life cycle
- Pest management options

SUGGESTED TEACHING METHODS

If you are planning a lesson on teaching or reminding farmers on how to use this pest management visual, you can use any combination of the suggested participatory teaching activities listed below (see 'participatory teaching activities guide' for more information). For example, you can combine 'grids' with 'structured dialogue' and have a list of questions you can ask farmers and ask them to track up and down, and left and right to find their answer. It could be helpful to model this several times with another staff member, and to pre-teach any of the words or symbols used on the board if farmers are not familiar with them.

Structured dialogue

- Ask farmers a series of questions that require them to use the grid to find the answer.

Hands-on demonstration

- If you find a pest or a farmer comes to you with a pest, gather farmers around the sign and use it on the spot, with a live specimen!

True/false

- Test their knowledge of how to use the grid with true / false questions.

Grids

- Review how to track up and down and left to right to arrive at the answer.

Tell me about this picture

- Farmers could explain what they see in the different boxes before you even start to explain how the grid works. That could help them arrive at the meaning of the visual themselves.

Sorting, categorizing, & matching

- Using the flashcards created. See tips and variations below.

TEACHING TIPS

- *Create flash cards with intervention actions and pest IDs for sorting/matching activity*

The best way to teach the use of this visual (if you have the time for a full workshop) would be to print it out and create manipulatives (flashcards) of the different categories, and ask farmers to sort, select, categorize or match according to questions or directions you ask them. Then, when it is time to use the actual visual, they will be familiar with all the different pictures as separate pieces, and the large grid will be more approachable.

- *Adapt the sign to include major local pests*

- *Add interpretation as needed*

Depending on the language and literacy level of the farmers you are working with, make sure to have adequate interpretation and translation services (translation may be useful if farmers who are literate in their own language might want to see their native language replace some of the English words on the grid as a temporary teaching tool. Then the English words will have more meaning and context later).

- You could combine the teaching and use of this visual with a larger integrated pest management workshop, if images, language and messaging are consistent throughout.