7. Activity index

The full list of activities in each section is given below.

3.1 Understanding IPM
- Awareness-raising of farmers of their current implementation of IPM
- Explore the benefits of applying IPM
- Identification, evaluation and control of hazards
- Insect zoo 1 – insect pest or natural enemy?
- Insect zoo 2 – Predators in action
- Insect zoo 3 – Disease symptom development
- Plant doctor simulator
- Subjective threshold development
- Using economic thresholds as a basis for deciding to apply CPAs
- Decision steps for deciding to apply a pesticide

3.2 General information about CPAs
- Interactive discussion on what pesticides are and the types of pesticides
- Pest and pesticide matching
- Interactive discussion on “What’s in a pesticide?”
- Advantages and disadvantages of different pesticide formulations
- Game to group together by active ingredient and formulation type
- Bioassay for specificity testing
- Interactive discussion to delve deeper into insecticides, fungicides and herbicides
- Game to group together by insecticides, fungicide, and herbicides
- Exercise on understanding regulations for CPA life cycle management

3.3 Selecting CPAs
- Interactive discussion on CPA label interpretation
- The pesticide label says… (Game for label interpretation)
- Demonstration of the importance of reading the label
- Interactive discussion and group work on ‘What can be used and why’
- Group work to analyse and select the appropriate CPA
- Debate on the pros and cons of biopesticides
- Buyer beware – interactive discussion and demonstration on the hazards of CPAs of questionable quality
- Shopping challenge (Game for considering all criteria for CPA selection)
- Pesticide resistance role-play
- Group work on pesticide resistance management – what can you do?

3.4 Personal safety and contamination
- Group work ranking CPAs according to hazard as perceived by participants
- Group work to identify where CPAs can contaminate the environment
- Group work for recognising risks of contamination and routes of entry with CPAs
- Interactive discussion on symptoms of CPA poisoning
- Role play to demonstrate first aid for CPA poisoning
- Interactive discussion on personal hygiene
● Demonstration and interactive discussion on PPE
● Spot the problem with the CPA use (Game)
● Personal Protection Equipment (PPE) and its use (Dye exercise)
● Practical exercise to make PPE
● Interactive discussion on PPE maintenance

3.5 CPA handling and application

● Interactive discussion on how to safely transport pesticides
● Practical exercise to learn how to calibrate sprayers
● Interactive discussion on calculating dosage
● Dosage calculation exercise
● Interactive discussion and demonstration on mixing pesticides, particularly when there is more than one product
● Practical exercise to properly triple rinse – the 3 minute shake
● Demonstration of how to mix the pesticide, filling the sprayer and rinsing empty pesticide containers
● Interactive discussion on general precautions when measuring and mixing
● Interactive discussion on how to deal with spillages
● Demonstration of the mixing process - homogenization of the solution
● Demonstration of physical and chemical incompatibility of agrochemical products
● The story of Farmer A and Farmer B (role playing activity / sketch to illustrate consequences of not following labels)
● Interactive discussion and nozzle demonstration
● Nozzles (parts 1-4)
● Interactive discussion on methods of CPA application
● Are we doing the right things? Role play on issues to consider when both preparing and applying pesticides
● Evidence of the influence of the wind during application
● Interactive discussion on special risk areas to be aware of when spraying
● “And then…” (A story game to review the steps involved in appropriate CPA use)
● Brainstorming and group work on records to keep on pesticide applications – why, what and how
● Can you use it? Yes or No (Game)

3.6 Post-spraying activities

● Interactive discussion on re-entry intervals
● Practical activity to wash, dismantle and reassemble a knapsack sprayer
● Interactive discussion and demonstration of empty container disposal
● Group work on planning empty container disposal
● Interactive discussion and group work on waste CPA disposal
● Practical activity to construct a biobed

3.7 CPA storage

● What’s wrong with this picture? (Game to identify problems with CPA storage)
● Practical exercise to organise a CPA storage cabinet
● Practical exercise to organise a large CPA store
● CPA inventory brainstorming – why, what and how