
Citrus Orchard Foreman Occupational Learning

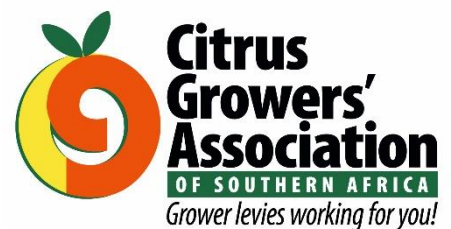
Progressive Activities
Assessment Guide

F2:
PPP Application

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Chapter 1

Activity P1

Complete this activity to test your knowledge of the entire chapter:

1. What are the two steps in planning for pest control?

The compilation of a crop protection program and pre-application planning.

2. What are the three categories of PPPs?

Pesticides, fungicides, and herbicides.

3. What department must PPPs be registered with?

Department of Agriculture

4. What are the three most common application methods?

Foliar sprays, trunk applications and soil drenches.

5. What are the four main types of foliar applications?

Outside cover sprays, medium cover sprays, full cover sprays, and bait sprays.

6. What equipment is commonly used for foliar applications?

Knapsacks, handguns, mistblowers and crop sprayer aircraft.

7. What are the health and safety requirements for PPP applications?

The use of protective gear and safety equipment and posting emergency contact details in an accessible place.

Chapter 2

Activity P2

Complete this activity to test your knowledge of the entire chapter:

1. What safety information on product labels must the mixer take note of?

Colour codes, symbols, warnings and pictograms.

2. What are colour codes used for?

Hazard classification of the chemical.

3. What is required for the mixing process aside from the chemicals themselves?

Protective clothing, measuring equipment and mixing equipment.

4. How is the amount of chemicals required for an application calculated?

From the crop protection program.

5. What are buffers used for?

To adjust the pH of water.

6. Where must PPPs be stored?

In a safe, secure room that complies with GAP requirements.

7. What should be done with empty chemical containers?

They must be rinsed, punctured, and disposed of, either by being buried or by being incinerated.

Chapter 3

Activity P3

Complete this activity to test your knowledge of the entire chapter:

1. What are the climatic conditions that affect foliar applications?

Wind, rain and dew, temperature and humidity.

2. How does wind affect spraying?

If the wind is too strong during spraying, it will result in spray drift that may harm the environment and water sources and may be harmful to other people in the vicinity.

3. Why should trees not be wet during spraying?

This will dilute the spray material and make the chemicals less effective.

4. Which kind of spray material should not be applied during bright, hot days?

PPPs containing oil or that are sensitive to ultraviolet light.

5. Why must spray equipment be calibrated before application?

To ensure that the spray material will be applied at the correct rate.

6. What is the most important part of mistblower calibration?

Selecting the correct combination of whirlers and discs.

7. What should occur post-application?

All equipment must be cleaned and stored properly, and all empty containers must be disposed of.