
Citrus Orchard Foreman Occupational Learning

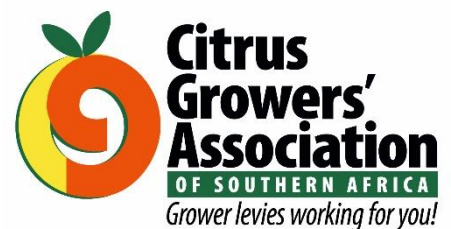
Progressive Activities Assessment Guide

H2: Weed Control

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Chapter 1

Activity P1

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

1. What are weeds?

A weed is any plant growing out of its proper place, in an area where you do not want it to grow.

2. What is the biggest disadvantage of weeds?

Weeds reduce the economic yield of citrus trees.

3. What are the three categories of weeds (based on description) that should be monitored in citrus orchards?

Grasses, sedges, and broadleaf weeds.

4. Are all weeds problematic?

No, weeds can have advantages and disadvantages.

5. What are the three categories of weeds (based on life cycle) that should be monitored in citrus orchards?

Annual, biennial, and perennial weeds.

6. Where should scouting be conducted?

You should scout for weeds in all areas in and near the orchard.

7. What does a weed survey do?

A weed survey records all the weed species present, and any plant material from weeds found.

8. How should you sort your control areas?

By priority for control.

Chapter 2

Activity P2

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

1. What are the four classifications of weed control methods?

Preventive, mechanical, biological, and chemical methods.

2. Which control methods do IWM programmes use?

All of them, usually in combination.

3. What does IWM try to do?

To get weeds under control to a level which does not adversely affect the health of trees.

4. What is the best method of weed control?

To prevent weed growth in the first place.

5. What are the three groups that herbicides may be classified into?

Growth regulators, soil sterilants, and contact herbicides.

6. What climatic factors affect herbicide activity and efficacy?

Temperature, wind, precipitation, humidity, and sunlight.

Chapter 3

Activity P3

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

1. What are alien plant species?

Alien plant species are species of plant that are not native (not indigenous) to a particular place.

2. What category of invasive plants must be removed and destroyed immediately?

Category 1.

3. What category of invasive plants may be grown under controlled conditions only?

Category 2.

4. What category of invasive plants may no longer be planted, but do not have to be removed?

Category 3.

5. What are the three regions of South Africa?

Subtropical, fynbos, and arid.

6. What are the four given methods of invasive species control?

Hand-pulling, biocontrol, herbicides, and saws.