
Citrus Orchard Foreman Occupational Learning

Progressive Activities Workbook

B3: Land Preparation

Copyright ©



P.O. Box 461, Hillcrest, 3650
(031) 765-3410



© Citrus Academy 2026

1st edition (06/2026)

Content originator:
Citrus Academy

Occupational alignment:
Ukudla Namanzi (Pty) Ltd

Disclaimer

By accepting this document and reading its contents you agree to be bound by the terms of this disclaimer.

The use of the contents of this document is at your own risk. Neither the Citrus Academy NPC nor Citrus Research International (Pty) Ltd or the Citrus Growers' Association NPC warrant that the content of this document is suitable for your intended use or that it is free of inaccuracies or omissions. The opinions and advice expressed in this document are not necessarily those of the Citrus Academy NPC, Citrus Research International (Pty) Ltd or the Citrus Growers' Association NPC. The Citrus Academy NPC, Citrus Research International (Pty) Ltd and the Citrus Growers' Association NPC, their directors, officers, employees, agents and contractors shall not be liable for any loss or damage of any nature suffered by any person as a direct or indirect result of the use of, or inability to use any advice, opinion or information contained in this document, or any misrepresentation, misstatement or omission, whether negligent or otherwise, contained in this document.

You indemnify the Citrus Academy NPC, Citrus Research International (Pty) Ltd and the Citrus Growers' Association NPC against any claim by any third party against the Citrus Academy NPC, Citrus Research International (Pty) Ltd or the Citrus Growers' Association NPC, their directors, officers, employees, agents or contractors arising from, or in connection with, the use of, or reliance on, the contents of this document. It is your responsibility to determine suitability of the contents of this document for your intended use.

Contents

Chapter 1 Activity P1	4
Chapter 2 Activity P2	5

Chapter 1

Activity P1

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

1. Why is good quality soil important?

2. What is soil made of?

3. Is soil a renewable or non-renewable resource?

4. What is soil potential?

5. How many elements do plants need for normal growth?

6. What determines soil potential?

7. What is soil fertility?

8. What is plant available water?

9. What is soil permeability?

10. What determines soil texture?

11. When does soil erosion occur?

12. What are the most common forms of soil erosion?

Chapter 2

Activity P2

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

1. What are soil surveys?

2. What determines what soil preparation methods are needed?

3. What are the three basic soil preparation methods?

4. What is loosening?

5. What is ridging?

6. What does soil maintenance involve?

7. What is the best way to protect the orchard floor against erosion?