
Citrus Orchard Foreman Occupational Learning

Progressive Activities
Assessment Guide

D2:
Plant Health
Management

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Chapter 1

Activity P1

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

1. How often are fertilisation programs developed?

Annually.

2. What is the purpose of a fertilisation program?

To provide information on all the applications that have to be made during the year.

3. What information is included in a proper fertilisation program?

The orchard number, the cultivar and variety, special instructions, and details of soil applications and foliar applications.

4. What are the two types of application programs developed from fertilisation programs?

Soil and foliar application programs.

5. What are the three major factors affecting the efficiency of an application?

The solubility and salt index of the fertilisers, the clay content of the soil, and the rooting depth of the plants.

6. When can you substitute fertilisers?

When they have a similar nutrient content and will not create unwanted side-effects.

7. Which two of the four main nutrients are rectified by both soil and foliar applications?

Magnesium and Nitrogen.

8. Which one of the four main nutrients are rectified by only soil applications?

Iron.

9. Which one of the four main nutrients are rectified by only foliar applications?

Copper.