
Citrus Orchard Foreman Occupational Learning

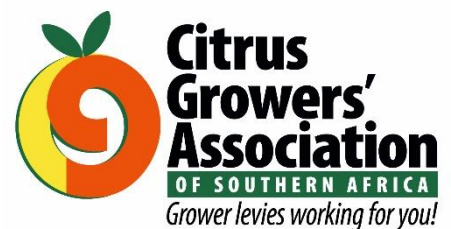
Progressive Activities Assessment Guide

E1: Irrigation Scheduling

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Chapter 1

Activity P1

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

1. What is the main goal of irrigation scheduling?

To maintain the soil water balance at the optimum levels.

2. Why are soil analyses performed?

To determine field water capacity and the permanent wilting point for the soil type.

3. Why are profile holes dug?

To determine the effective root depth of the plants.

4. What is included in an irrigation operations schedule?

The table of operations, the irrigation schedule, and the list of pressures and flows.

5. Name the five factors that can be assessed to determine the effectiveness of irrigation:

CU test results, scheduling equipment data, profile pit inspections, tree health and yield data.

6. Name the four tools and aids used for irrigation monitoring:

E-pans, rain meters, tensiometers, and probes.

7. What symptoms can indicate excessively long stand times?

Waterlogging and wetting the profiles below the root-zone.

8. What symptoms can indicate excessively short stand times?

Shallow wetting of the upper crust.