
Citrus Orchard Foreman Occupational Learning

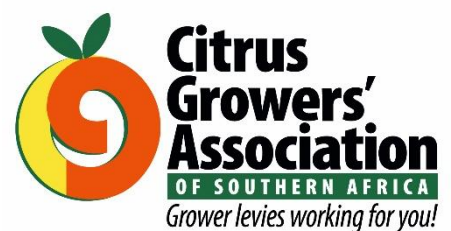
Progressive Activities Assessment Guide

A5: Fruit Quality Monitoring and Improvement

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Chapter 1

Fruit Quality Monitoring

Activity P1

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

1. Why is fruit quality important?

High quality fruit can be sold for better prices, exported more widely, and enhances your farm's reputation.

2. Which is the most profitable market with the highest requirements?

Export.

3. What are the two ways which fruit quality is generally monitored?

Visual inspections and laboratory tests.

4. When should visual inspections be done?

Visual inspections should be conducted regularly through the various stages of fruit development in your orchards.

5. Which research body provides the best new research to keep up to date on quality management?

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Chapter 2

Maturity Indexing

Activity P2

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

1. What is maturity indexing?

Maturity indexing is a particular type of quality measurement that is used to predict the optimum picking time for citrus fruit.

2. What is maturity indexing information used for?

Maturity indexing information, together with yield and fruit size estimates, are used to plan for harvesting and packing.

3. What are maturity index parameters?

Maturity parameters refer to the factors measured in maturity indexing.

4. What are the two types of maturity index parameters?

Internal or external.

5. What are the external maturity parameters?

Fruit size, colour and firmness.

6. What are the internal maturity parameters?

Juice percentage, brix, acidity, and the brix to acid ratio.

7. What is sampling?

Sampling is the act of taking a representative portion of a whole for analysis.

8. When does maturity index sampling start?

Usually, two months before harvesting.