

POLLEN PROCESSING

UNIT CODE: 0811 341 05A

TVET CDACC UNIT CODE: AGR/CU/APIPR/CR/05/4/MA

Relationship to Occupational Standards

This unit addresses the unit of competency: Process pollen

Duration of Unit: 40 hours

Unit Description

This unit specifies the competencies required to process pollen. It involves preparing materials for processing pollen, preparing processing equipment, processing pollen and performing post processing procedures.

Summary of learning outcomes

By the end of this unit of learning, the trainee should be able to:

S/No	Learning Outcomes	Duration (Hours)
1.	Prepare materials for processing pollen	10
2.	Prepare processing equipment	10
3.	Process pollen	10
4.	Perform post processing procedures	10
Total		40

Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcome	Content	Suggested Assessment Methods
1. Prepare materials for processing pollen	1.1 Identification of materials for processing pollen 1.2 Assembling materials for processing pollen 1.3 Sorting materials for processing pollen	<ul style="list-style-type: none">• Written test• Observation• Third party report• Oral questioning• Interviews

Learning Outcome	Content	Suggested Assessment Methods
2. Prepare processing equipment	2.1 Identification of processing equipment 2.2 Assembling of processing equipment 2.3 Setting up processing equipment 2.4 Safety and hygiene measures in pollen processing	<ul style="list-style-type: none"> • Written test • Observation • Third party report • Oral questioning • Interviews
3. Process pollen	3.1 Collection of pollen from pollen traps/combs 3.2 Sorting of pollen 3.3 Drying conditions for pollen 3.4 Storage conditions for pollen 3.5 Storage tools and equipment 3.6 Storage procedure for pollen	<ul style="list-style-type: none"> • Written test • Observation • Third party report • Oral questioning • Interviews
4. Perform post processing procedures	4.1 Identification of packaging and labelling material and equipment 4.2 Sourcing packaging and labelling material and equipment 4.3 Procedure for packaging and labelling pollen 4.4 Management and disposal of waste	<ul style="list-style-type: none"> • Written test • Observation • Third party report • Oral questioning • Interviews

Suggested Methods of Instruction

- Projects
- Demonstration by trainer
- Practice by the trainee
- Discussions
- Direct instruction

Recommended Resources

- Pollen
- Pollen trap
- Combs
- Spatulas
- Packaging and labelling materials and equipment
- Sensitive weigh scale/balance