

HANDLE EGGS FOR HATCHING

ISCED UNIT CODE: 0811 341 01A

TVETCDACC UNIT CODE: POL/CU/HT/CR/01/4/MA

Relationship to Occupational Standards

This unit addresses the Unit of Competency: Handle Eggs for Hatching

Duration of Unit: 110 hours

Unit Description

This unit specifies the competencies required to handle eggs for hatching. It involves grading of eggs for hatching, storage of fumigated eggs and entry of hatchery records.

Summary of Learning Outcomes

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

S/No	Learning Outcomes	Duration (Hours)
1.	Grade eggs for hatching	50
2.	Store fumigated eggs	40
3.	Enter hatchery records	20
Total		110

Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcome	Content	Suggested Assessment Methods
1. Grade eggs for hatching	1.1 Personal protective equipment 1.1.1 Overalls 1.1.2 Gumboots	<ul style="list-style-type: none">• Written tests• Observation• Oral questions

	1.1.3 Nose and mouth mask 1.1.4 Goggles 1.1.5 Gloves 1.1.6 Head gear 1.2 Hatching eggs handling 1.2.1 Egg reception 1.2.2 Traying 1.2.3 Loading 1.3 Grading/sorting of eggs 1.4 Standard conditions of hatching eggs 1.5 Inspection 1.6 Disposal of rejected eggs	<ul style="list-style-type: none"> • Third party report • Interviewing
2. Store fumigated eggs	2.1 Hatchery biosecurity measures 2.2 Egg fumigation 2.3 Egg storage 2.3.1 Storage materials 2.3.2 Storage conditions 2.3.3 Storage duration 2.4 Waste management	<ul style="list-style-type: none"> • Written tests • Observation • Oral questions • Third party report • Interviewing
3. Enter hatchery records	3.1. Egg parameters recordings 3.2. Egg numbers (received, sorted, rejected, broken and stored) 3.3. Egg weight / size / shape 3.4. Type of eggs (Breed / species)	<ul style="list-style-type: none"> • Written tests • Observation • Oral questions • Third party report • Interviewing

Suggested Methods of Instruction

- Project
- Demonstration by trainer

- Practice by the trainee
- Field trips
- Discussions
- Direct instruction
- Electronic audio-visual presentations
- Simulations

Recommended Resources for 25 Trainees

Functional hatchery farm with the following:		
<ul style="list-style-type: none"> • Hatchery unit • Biosecurity structures and materials (gate barriers, foot baths, spray races / showers, disinfectants, sanitizers, detergents, fumigants, water and vaccination kits) 	<ul style="list-style-type: none"> • Labels or labelling materials for egg trays, trolleys, chick baskets and packaging material • Stationery • Calculators and / or computers 	<ul style="list-style-type: none"> • Hatchery pest and predator control equipment and materials • Hatchery operations manuals • Livestock production manuals • Journal of poultry science