

## RABBIT PRODUCTION

**UNIT CODE:** 0811 451 15 A

**TVET CDACC UNIT CODE:** AGR/CU/AP/CR/01/5/MA

### Relationship to Occupational Standards

This unit addresses the Unit of Competency: Rabbit Production.

**UNIT DURATION:** 50 Hours

### Unit Description

This unit specifies competencies required to carry-out rabbit production. It involves construction of rabbit structures, feeding of rabbits, breeding of rabbits, rearing of rabbit litter, performing of routine management practices and marketing of rabbit products.

### Summary of Learning Outcomes

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

| S/No  | Learning Outcomes                           | Duration (Hours) |
|-------|---------------------------------------------|------------------|
| 1.    | Construct rabbit structures                 | 10               |
| 2.    | Carry out rabbit feeding                    | 5                |
| 3.    | Carry out rabbit breeding                   | 5                |
| 4.    | Rear rabbit litter                          | 5                |
| 5.    | Perform rabbit routine management practices | 10               |
| 6.    | Market rabbit products                      | 5                |
| Total |                                             | 50               |

### Learning Outcomes, Content and Suggested Assessment Methods

| Learning Outcomes              | Content                                                                                            | Suggested Assessment Methods                                                             |
|--------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| 1. Construct rabbit structures | 1.1. Personal Protective Equipment (PPEs) <ul style="list-style-type: none"><li>• Gloves</li></ul> | <ul style="list-style-type: none"><li>• Written assessment</li><li>• Practical</li></ul> |

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                          |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                             | <ul style="list-style-type: none"> <li>• Overall</li> <li>• Gumboots</li> <li>• Nose mask</li> </ul> <p>1.2. Rabbit structures</p> <p>1.2.1. Hutches</p> <p>1.2.2. Cages</p> <p>1.2.3. Feed storage facility</p> <p>1.3. Construction tools</p> <ul style="list-style-type: none"> <li>• Hammer</li> <li>• Panga</li> <li>• Auger</li> <li>• Tape measure</li> </ul> <p>1.4. Construction of rabbit structures</p> <p>1.5. Construct Rabbit structures</p> | <ul style="list-style-type: none"> <li>• Projects</li> <li>• Third party report</li> <li>• Portfolio of evidence</li> <li>• Oral questions</li> </ul>                                                    |
| 2. Carry out rabbit feeding | <p>2.1. Rabbit feeds</p> <p>2.1.1. Roughages</p> <p>2.1.2. Concentrates</p> <p>2.1.3. Rabbit pellets</p> <p>2.2. Rabbits Classification</p> <p>2.2.1. Kindle</p> <p>2.2.2. Winners</p> <p>2.2.3. Bucks</p> <p>2.2.4. Does</p> <p>2.3. Rabbit feeding</p> <p>2.4. Rabbit nutritional requirements</p> <p>2.4.1. Carbohydrates</p> <p>2.4.2. Proteins</p> <p>2.4.3. Vitamins</p> <p>2.4.4. Minerals</p> <p>2.5. Feed intake evaluation</p>                   | <ul style="list-style-type: none"> <li>• Written assessment</li> <li>• Practical</li> <li>• Projects</li> <li>• Third party report</li> <li>• Portfolio of evidence</li> <li>• Oral questions</li> </ul> |

|                                                |                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                          |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                | 2.6. Feed conversion efficiency evaluation<br>2.7. Feeding records<br>2.8. Waste management                                                                                                                                                                                                              |                                                                                                                                                                                                          |
| 3. Carry out rabbit breeding                   | 3.1. Rabbit breeds<br>3.1.1. New Zealand white rabbit<br>3.1.2. Flemish Giant rabbit<br>3.1.3. French Lop<br>3.2. Rabbit breeding schedule<br>3.3. Rabbit breeding programme                                                                                                                             | <ul style="list-style-type: none"> <li>• Written assessment</li> <li>• Practical</li> <li>• Projects</li> <li>• Third party report</li> <li>• Portfolio of evidence</li> <li>• Oral questions</li> </ul> |
| 4. Rear rabbit litter                          | 4.1. Kindles rearing<br>4.2. Routine feeding of kindles<br>4.3. Kindle identification<br>4.4. Identification of small and less vigorous kindle for specialized feeding<br>4.5. Regular monitoring of kindle progress<br>4.6. Feeding of kindles<br>4.7. Monitoring of kindle progress through weighing   | <ul style="list-style-type: none"> <li>• Written assessment</li> <li>• Practical</li> <li>• Projects</li> <li>• Third party report</li> <li>• Portfolio of evidence</li> <li>• Oral questions</li> </ul> |
| 5. Perform rabbit routine management practices | 5.1. Methods of controlling external parasites<br>5.1.1. Dusting<br>5.1.2. Hand dressing<br>5.1.3. Sanitation<br>5.2. Control of internal parasites<br>5.2.1. Drenching<br>5.2.2. Injection<br>5.2.3. Sanitation<br>5.3. Bio-security measures in disease prevention<br>5.3.1. Fencing<br>5.3.2. Hygiene | <ul style="list-style-type: none"> <li>• Written assessment</li> <li>• Practical</li> <li>• Projects</li> <li>• Third party report</li> <li>• Portfolio of evidence</li> <li>• Oral questions</li> </ul> |

|                           |                                                                                                                                                                                                                   |                                                                                                                                                                                                          |
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|                           | 5.4. Preparation of Rabbit management records<br>5.4.1. Feeding records<br>5.4.2. Health records<br>5.4.3. Breeding records                                                                                       |                                                                                                                                                                                                          |
| 6. Market rabbit products | 6.1. Preparation of Rabbit for slaughtering<br>6.2. Slaughtering of Rabbit<br>6.2.1. Dislocation<br>6.2.2. Dressing<br>6.3. Rabbit carcass packaging<br>6.4. Rabbit slaughtering<br>6.5. Rabbit carcass packaging | <ul style="list-style-type: none"> <li>• Written assessment</li> <li>• Practical</li> <li>• Projects</li> <li>• Third party report</li> <li>• Portfolio of evidence</li> <li>• Oral questions</li> </ul> |

### Suggested methods of delivery

- Practical
- Project
- Demonstration
- Group work and Discussions
- Direct instruction

### Recommended Resources for 25 Trainees

| S/No.    | Category/Item             | Description/<br>Specifications          | Quantity | Recommended<br>Ratio<br>(Item: Trainee) |
|----------|---------------------------|-----------------------------------------|----------|-----------------------------------------|
| <b>A</b> | <b>Learning Materials</b> |                                         |          |                                         |
| 8.       | Charts                    | Flip Charts<br>Rules and<br>Regulations | 5        | 1:5                                     |
| 9.       | Markers                   | whiteboard<br>markers and<br>permanent  | 5        | 1:5                                     |

|          |                                                 |                                                                |         |      |
|----------|-------------------------------------------------|----------------------------------------------------------------|---------|------|
|          |                                                 | markers                                                        |         |      |
| 10.      | Video clips<br>Audio tapes                      | MP4, MP3                                                       | 5       | 1:5  |
| 11.      | Newspapers and Handouts                         | Daily                                                          | 25      | 1:1  |
| 12.      | Business Journals                               | Annual, Monthly,<br>Daily                                      | 25      | 1:1  |
| <b>B</b> | <b>Learning Facilities &amp; Infrastructure</b> |                                                                |         |      |
| 13.      | Lecture/Theory<br>Room                          | (9* 8 sq. metres)                                              | 1       | 1:25 |
| 14.      | Internet Connection                             | WI-FI, Dial-Up, Cable,<br>Fixed-wireless,                      | 1       | 1:25 |
| 15.      | Hatch                                           | spacious                                                       | 1       | 1:25 |
| <b>C</b> | <b>Consumable Materials</b>                     |                                                                |         |      |
| 16.      | Flashcards                                      | Alphabet, Numbers, Math                                        | 25      | 1:1  |
| 17.      | Stationery                                      | Printing Papers, and<br>Exercise Books Sizes A4,<br>A3, A2 etc | 5 reams | 1:5  |
| 28.      | drugs                                           | Dewormer, Vaccines                                             | 5       | 2:5  |
| 29       | Construction<br>materials                       | As necessary                                                   | 1       | 1:25 |
| <b>D</b> | <b>Tools And Equipment</b>                      |                                                                |         |      |
| 1.       | Computers/Laptops                               | Any model                                                      | 1       | 1:25 |
| 2.       | Projector                                       | LED.LCD, Laser                                                 | 1       | 1:25 |
| 3.       | Whiteboard                                      | Glass, melamine, porcelain                                     | 1       | 1:25 |
| 4.       | Breeding tool                                   | Any five                                                       | 5       | 1:5  |
| <b>F</b> | <b>Specimens</b>                                |                                                                |         |      |
| 1.       | Rabbits                                         | Any breed                                                      | 5       | 1:5  |