

PIG FEEDS PRODUCTION

ISCED UNIT CODE: 0811 251 03 A

TVET CDACC UNIT CODE: AGR/CU/PP/CR/03/3/MA

Relationship to Occupational Standards

This unit addresses the unit of competency: produce pig feeds

Duration of Unit: 120 hours

Unit Description

This unit covers the competencies required to produce pig feeds. It involves identifying and sourcing pig feed raw materials, identifying, selecting and applying pig feed production formulae and compounding and storing pig feed rations. It also entails marketing and selling pig feeds.

Summary of Learning Outcomes

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

S/No	Learning Outcomes	Duration (Hours)
1.	Receive and store feed formulation raw materials	30
2.	Compound feed ration	60
3.	Market and sell pig feeds	30
Total		120

Learning Outcomes, Content and Suggested Assessment Methods

Learning Outcome	Content	Methods of Assessment
1. Receive and store feed compounding raw materials	1.1.Types and quality of pig feed raw materials 1.2. Feed compounding raw materials. 1.2.1.Grains 1.2.2. Oil seeds products 1.2.3.Root crop products 1.2.4.Legumes	<ul style="list-style-type: none">• Written Assessment• Practical Assessment• Third party report• Oral Assessment

Learning Outcome	Content	Methods of Assessment
	1.2.5. Grain products 1.2.6. Animal products 1.2.7. Vitamins 1.2.8. Minerals 1.2.9. Ashes 1.2.10. water 1.2.11. Premixes (mineral and vitamin) 1.2.12. Amino acids 1.2.13. Additives (microbial, enzymes, buffers, toxin binders, sweeteners) 1.3. Develop stores inventory. 1.4. Feed compounding resources. 2. Storage of pig feed raw materials	
2. Compound feed ration	2.1. Workplace safety and regulations 2.2. Tools and Equipment used in compounding feed rations and basic maintenance 2.3. Methods of preparing pig feed ingredients 2.4. Mixing pig feed ingredients 2.5. Packaging, labelling and storage of compound feed ration. 2.6. Work place waste management 2.7. Documentation of pig feed formulation activities.	<ul style="list-style-type: none"> • Written Assessment • Practical Assessment • Third party report • Oral Assessment
3. Marketing of pig feeds	3.1. Meaning of the terms 3.1.1. Market 3.1.2. Marketing 3.1.3. Market Survey 3.2. Methods of market survey 3.3. Types of marketing channels 3.4. Implement a marketing strategy 3.5. Sale of pig feeds 3.6. Documentation of marketing activities.	<ul style="list-style-type: none"> • Written Assessment • Practical Assessment • Third party report • Oral Assessment

Suggested Methods of Delivery

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

Recommended Resources for 25 trainees

Functional pig farm with the following:		
<ul style="list-style-type: none">• 2 Tractors• 2 Trailer• 2 Chopping implements• 2 Hammer mills• 2 Grinding mills• 2 Feed mixers• Assorted Feedstuff• Detergents• Assorted Fumigants• 2 Sealing equipment• 2 Labeling equipment• 5 Shovel• 5 Wheelbarrow• Canvas	<ul style="list-style-type: none">• Adlib tum Water• Assorted Packaging material• Assorted Labels• Feed stores• Assorted Stationery• 5 Weighing equipment• 25 Calculators• 5 Computer• 5 samples of accounting documents• 5 samples of Store control documents• Assorted Pest control equipment and materials• 10 Brooms• 10 Scrubbers• 10 Mops	<ul style="list-style-type: none">• 2 Pelleting machines• Sampling kits• 5 samples Feedstuff nutrient content tables• Assorted Gunny bags• 22 rolls of Twines• 25 sets of PPEs• Assorted Waste management equipment and material• 5 samples of Livestock production manual• 1 Source of power