



Ethiopian TVET-System



Poultry Production Short Term Training Curriculum

Based on Occupational Standard (OS)

February, 2020 Addis Ababa, Ethiopia







Preface

The reformed TVET-System is an outcome-based system. It utilizes the needs of the labor market and occupational requirements from the world of work as the benchmark and Standard for TVET delivery. The requirements from the world of work are analyzed and documented – taking into account international benchmarking – as occupational Standards (OS).

In the reformed TVET-System, curricula and curriculum development play an important role with regard to quality driven TVET-Delivery. Curricula help to facilitate the learning process in a way, that trainees acquire the set of occupational competences (skills, knowledge and attitude) required at the working place and defined in the occupational Standards (OS). Responsibility for Curriculum Development will be given to the Regional TVET-Authorities and TVET-Providers.

This curriculum has been developed by a group of experts from different Regional TVET-Authorities based on the occupational Standard for Poultry production. It has the character of a model curriculum and is an example on how to transform the occupational requirements as defined in the respective occupational Standard into an adequate curriculum.

The curriculum development process has been actively supported and facilitated by the Ministry of Science and Higher Education/Federal TVET Agency – in line with one of its mandates to provide technical support to the regions – and by the Agency for refugees and Returnees Affairs (ARRA)

TVET-Program Design

1.1. TVET-Program TITLE: Poultry Production for Short term training

1.2. TVET-Program Description

The Program is designed to develop the necessary knowledge, skills and attitude of the learners to the Standard required by the occupation. The contents of this program are in line with the occupational Standard selected unit of competence from poultry production LI and poultry production LII program. Learners who successfully





ARRA RR PMO completed the Program will be qualified to work as a Poultry producers with competencies elaborated in the respective OS. Graduates of the program will have the required qualification to work in the Agriculture Sector in the field of Poultry Production.

The prime objective of this training program is to equip the learners with the identified competences specified in the OS. Graduates are therefore expected to Identify Poultry Production systems and activities, Identify Basic Farm Record, Implement Poultry Farm Waste management, Implement feeding plans for Poultry production, Brood poultry, Maintain Health and Welfare of Poultry and Develop Business practices in accordance with the performance criteria described in the poultry production LI and poultry production LII OS for selected Unit of competence.

1.3. TVET-Program Learning Outcomes

The expected outputs of this program are the acquisition and implementation of the following units of competence –

AGR PLP2 01 0719 Identify Poultry Production systems and activities

AGR PLP3 07 0719 Implement feeding plans for Poultry production

AGR PLP3 09 0719 Brood poultry

AGR PLP3 13 0719 Implement Poultry Farm Waste management

AGR PLP3 12 0719 Maintain Health and Welfare of Poultry

AGR PLP2 11 0719 Identify Basic Farm Record

Develop Business practices

1.4. Duration of the TVET-Program

AGR PLP2 15 0719

The Program will have duration of <u>265</u> **hours** including the on-the-job practice or cooperative training time

1.5. Qualification Level and Certification

The learner can exit after successfully completing the modules in the short term training program and will be awarded the equivalent institutional certificate on the training package completed.





1.6. Target Groups

Any citizen **with or without disability** who meets the entry requirements under items 1.7 and capable of participating in the learning activities is entitled to take part in the Program.

1.7 Entry Requirements

The prospective participants of this program are required to possess the requirements or directive of the Federal TVET Agency.

1.8 Mode of Delivery

This TVET-Program is characterized as a non formal Program. The mode of delivery is co-operative training. The TVET-institution and identified companies have forged an agreement to co-operate with regard to implementation of this program. The time spent by the trainees in the industry will give them enough exposure to the actual world of work and enable them to get hands-on experience.

The co-operative approach will be supported with school-based lecture-discussion, simulation and actual practice. These modalities will be utilized before the trainees are exposed to the industry environment.





ARRA RR PMO 1.9. TVET-Program Structure

UNIT OF CO	OMPETENCE	MODULE COD	E & TITLE	LEARNING OUTCOMES	Duration (In Hours)
AGR PLP2 01 0719	Identify Poultry Production systems and activities	AGR PLP2 M01 0120	Identifying Poultry Production systems and activities	 Identify poultry production systems and their requirements Identify and select poultry breed Identify poultry house and facility requirements 	40hrs
AGR PLP3 07 0719	Implement feeding plans for Poultry production	AGR PLP3 M02 0120	Implementing feeding plans for Poultry production	 Interpret poultry feeding plans. Prepare for feeding Mix feed Conduct hygiene and administration activities Order and store feed and ingredients 	45hrs
AGR PLP3 09 0719	Brood poultry	AGR PLP3 M03 0120	Brooding poultry	Prepare for broodingCarry out broodingShed operation	35hrs

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AGR PLP3 13 0719	Implement Poultry	AGR PLP3 M04 0120	Implementing	Handle Poultry wastes materials	40hrs
	Farm Waste		Poultry Farm	Maintain waste matter storage and	
	management		Waste	disposal system	
			management	litter Materials Utilization	
				Monitor waste matter disposal	
				system	
				Conduct hygiene and administration	
				activities	
AGR PLP3 12 0719	Maintain Health and	AGR PLP3 M05 0120	Maintaining	monitor poultry health and welfare	35hrs
	Welfare of Poultry		Health and	Provide an optimal environment for	
			Welfare of	poultry	
			Poultry	Administer vaccines or alternative	
				therapies	
				Collect samples for analysis	
				Remove non-viable poultry	
				Keep and maintain record	
AGR PLP2 11 0719	Identify Basic Farm	AGR PLP2 M06 0120	Identifying	Identify data to be collected	25hrs
	Record		Basic Farm	Record Poultry farm data	

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ARKA RR FWIO			Record	Present and store Poultry form data	
			Necora	Present and store Poultry farm data	
AGR PLP2 15 0719	Develop Business	AGR HCP2 M07 0120	Developing	Identify business opportunities and	
	practices		Business	business skills	
			practices	Plan for the establishment of business	
				operation	
				Implement Business Development	
				Plan	45Hrs
				Review implementation process and	
				take corrective measures	
				Establish contact with customers and	
				clarify needs of customer	
				Develop and Maintain Business	
				Relationship	

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1.10 Institutional Assessment

Two types of evaluation will be used in determining the extent to which learning outcomes are achieved. The specific learning outcomes are stated in the modules. In assessing them, verifiable and observable indicators and Standards shall be used.

The **formative assessment** is incorporated in the learning modules and form part of the learning process. Formative evaluation provides the trainee with feedback regarding success or failure in attaining learning outcomes. It identifies the specific learning errors that need to be corrected, and provides reinforcement for successful performance as well. For the teacher, formative evaluation provides information for making instruction and remedial work more effective.

Summative Evaluation the other form of evaluation is given when all the modules in the program have been accomplished. It determines the extent to which competence have been achieved. And, the result of this assessment decision shall be expressed in the term 'competent or not yet competent'.

Techniques or tools for obtaining information about trainees' achievement include oral or written test, demonstration and on-site observation.

1.11 TVET Teachers Profile

The teachers conducting this particular TVET Program are **C** Level trainers and have satisfactory practical experiences or equivalent qualifications.

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LEARNING MODULE-01

TVET PROGRAM TITLE: Poultry production for short term training

MODULE TITLE: Identifying Poultry Production systems and activities

MODULE CODE: AGR PLP2 M01 0120

NOMINAL DURATION: 40 Hours

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MODULE DESCRIPTION:

This module covers the knowledge, skills and attitude for implementation of poultry production activities that require identifying poultry production system, select poultry breed and breeding, and identify housing systems and housing facilities.

LEARNING OUTCOMES

At the end of the module the learner will be able to:

- LO1. Identify poultry production systems and their requirements
- LO2. Identify and select poultry breed
- LO3. Identify poultry house and facility requirements

MODULE CONTENTS:

LO1. Identify poultry production systems and their requirements

- 1.1 Identifying and characterizing poultry production systems
- 1.2 Identifying materials, tools and equipment's for poultry production.
- 1.3 Recommending Suitable and feasible production system
- 1.4 Identifying Information on the availability of demanded breeds and flock size
- 1.5 Co-ordinating and Monitoring poultry production systems

LO2 Identify and select poultry breed

- 2.1. Identifying and characterizing common poultry breeds
- 2.1.1Commercial or Exotic Breeds

2.1.2 Indigenous (local) Breeds Author/Copyright: 2 Replication of the control of	Version -2 Feb 2020	Page 147	of 117
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- 2.2.1 Breeding goals
- 2.2.2 Egg laying hens Identification
- 2.2.3 Fertile and non-fertile eggs classification





For None	Reasonable Adjustment for Trainees v	vith Disability (TWD)		
Impaired	Low Vision	Deaf	Hard of hearing	Physical impairment
Trains	Dodi	Tidid of ficulting	i nysioai impairment	
Lecture-	 Provide large print text 	 Assign sign language interpreter 	 Organize the class 	 Organize the class
discussion	Prepare the lecture in Audio/video	Arrange the class room seating	room seating	room seating
	& in Brail format	to be conducive for eye to eye	arrangement to be	arrangement to be
	 Organize the class room seating 	contact	accessible to	accessible for
	arrangement to be accessible to	❖ Make sure the luminosity of the	trainees	wheelchairs users.
	trainees	light of class room is kept	❖ Speak Loudly	 Facilitate and suppo
	 Write short notes on the black/white 	Introduce new and relevant	❖ Ensure the	the trainees who have
	board using large text	vocabularies	attention of the	severe impairments
	 Make sure the luminosity of the 	 Use short and clear sentences 	trainees	their upper limbs to
	light of class room is kept	❖ Give emphasis on visual lecture	Present the	take note
	 Use normal tone of voice 	and ensure the attention of the	lecture in video	 Provide Orientation
	 Encourage trainees to record the 	trainees	format	the physical feature
	lecture in audio format	❖ Avoid movement during lecture	❖ Ensure the	the work shop
	 Provide Orientation on the physical 	time	attention of the	

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ARRA RR F	feature of the work shop	❖ Present the lecture in video	trainees	
	 Summarize main points 	format		
		 Summarize main points 		
Demonstration	❖ Conduct close follow up	❖ use Sign language interpreter	 ❖ Illustrate in clear ❖ Facilitate and supp 	ort
	 Use verbal description 	 Use video recorded material 	& short method the trainees having	9
	Provide special attention in the	Ensure attention of the trainees	❖ Use Video severe upper limbs	S
	process of guidance	 Provide structured training 	recorded material impairment to oper	rate
	facilitate the support of peer	Show clear and short method	❖ Ensure the equipments/ mach	ines
	trainees	 Use gesture 	attention of the	es to
	Prepare & use simulation	*	trainees assist	
		rovide tutorial support	❖ Conduct close foll	low
		(if necessary)	rovide tutorial up	
			support .	

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ARRA RR	PMO			
			(if necessary)	rovide tutorial support (if necessary
Group	 Facilitate the integration of trainees 	Use sign language interpreters	Facilitate the	Introduce the trainees
discussion	with group members Conduct close follow up	Facilitate the integration of trainees with group members	integration of trainees with	with their peers
	Introduce the trainees with other	❖ Conduct close follow up	group members	
	group member	Introduce the trainees with other	❖ Conduct close	
	❖ Brief the thematic issues of the	group member	follow up	
	work		 Introduce the 	
			trainees with other	

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ARRA RR I	PMO		<u></u>	
			group member	
			❖ Inform the group	
			members to speak	
			Loudly	
Exercise	❖ Conduct close follow up and	❖ Conduct close follow up and	❖ Conduct close	❖ Assign peer trainees
	guidance	guidance	follow up and	 Use additional nominal
	 Provide tutorial support if 	 Provide tutorial support if 	guidance	hours if necessary
	necessary	necessary	 Provide tutorial 	
	provide special attention in the	provide special attention in the	support if	
	process	process/practical training	necessary	
		Introduce new and relevant	provide special	
		vocabularies	attention in the	
			process/ practical	
			training	
	*	*	*	
Individual	repare the assignment questions in	se sign language interpreter	rovide briefing	
assignment	large text/Brail	*	/orientation on the	

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 Encourage the trainees to prepare 	rovide briefing /orientation on the	assignment
and submit the assignment in large	assignment	*
texts/Brail	*	rovide visual
 Make available recorded 	rovide visual recorded material	recorded material
assignment questions		
 Facilitate the trainees to prepare 		
and submit the assignment in soft		
or hard copy		

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Interview		Use sign language interpreter	Speak Loudly	Use written
		 Ensure or conform whether 	 Using sign language 	response as an
		the proper communication was	interpreter if necessary	option for the
		conducted with the trainee		trainees having
		through the service of the sign		speech challenges
		language interpreter		
		 Use short and clear 		
		questioning		
		 Time extension 		
Written	 Prepare the exam in large texts/Brail 	Prepare the exam using short	Prepare the exam	❖ Use oral response
test	 Use interview as an option if 	sentences, multiple choices,	using short sentences,	as an option to give
	necessary	True or False, matching and	multiple choices, True	answer for trainees
	 Prepare the exam in audio format 	short answers	or False, matching and	having severe uppe
	 Assign human reader 	 Avoid essay writing 	short answers if	limb impairment
	(if necessary)	❖ Time extension	necessary.	❖ Time extension for
	❖ Time extension			trainees having

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AMA	CR PMO			severe upper limb
				impairment
Demonstrat	Brief the instruction or provide them in	Use sign language interpreter	 Provide activity based 	Provide activity
ion/Observ	large text/Brail	Brief on the instruction of the	assessment	based assessment
ation	 Time extension 	exam	Brief on the instruction	❖ Conduct close follow
		Provide activity-based/	of the exam	up
		practical assessment method	❖ Use LOud voice	 Time extension
		Time extension	Time extension	

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ASSESSMENT CRITERIA

LO 1 Identify poultry production systems and their requirements

- Poultry production systems are identified and characterized to meet production plan
- Requirements in each production Systems are identified or required materials,
 tools and equipment are identified according to decided production system.
- Suitable and feasible production system that is helpful to achieve predetermined farm objective and in line with environmental legislations is recommended
- Information regarding the availability of demanded breeds and flock size under production systems are identified
- Co-ordinate and Monitor poultry production systems

LO 2 Identify and select poultry breed

- Common poultry breeds are identified and characterized.
- Criteria for selection are identified and decided based on the pre-determined farm objectives and Standard.
- Appropriate breeds are selected for the identified production purposes based on the criteria.

LO 3. Identify poultry house and facility requirements

- Requirements for poultry house construction are identified according to the production system and criteria and enterprise requirements.
- Appropriate site is selected for poultry house establishment according to enterprise requirements
- Space required for different poultry classes is determined according to

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enterprise requirements

- Farm lay out and chickens' houses are planed according to farm objectives and Standards
- Farm design is selected according to enterprise requirements
- Internal environment requirements: Feeder, waterer, lighting and other required facilities are identified and ways to obtain them are decided according to enterprise requirements





Annex: Resource Requirements

MODULE CODE :AGR PLP2 M01 0120 MODULE TITLE : Identifying Poultry Production systems and activities

	MODULE TITLE : Identif	ying Poultry Production	n systems and	activities
Item No.	Category/Item	Description/ Specifications	Quantity	Recommend ed Ratio (Item: Trainee)
A.	Learning Materials			
1.	TTLM	Prepared by the trainer	25	1:1
2.	Reference books		5	1:5
3	poultry production Text book	MoARD, BoARD, and EARO	25	1:1
4	Journals/publication			
В	Learning facilities & infrastructure			
1.	Lecture room	5*5m	1	1:25
2.	Library	5*10m	1	1:25
3	Laboratory room		1	1:25
4	LCD projector	Japan	1	1:25
5	computer	Dell/hp	8	1:3
C.	Consumable materials			
1	Stationary materials		25	1:1
2	Paper	A4	1	1:25
3	Pen	Ball point	25	1:1

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4	Marker	Temporary	1 pack	1:25
5	Pencil	НВ	25	1:1
	Bedding materials { Old newspaper; Saw dust and Rice hulls }	Kg	100	1:4
7	Dis infect ant	Liter	5	1:5
8	feed	Kg	50	1:2
6	Flip chart	Standard	1	1:25
D.	Tools and Equipments		-	
1	White board		1	1:25
2	PPE{Boots ;Hardhats ;Gowns; Goggles ;Hearing or eye protection ;Sun hat ;Safety harness; Glove}	Standard	25	1:1
3	Blackboard	2.5mX1m	25	1:15
4	Chalk	Standard	1Pack	1:25
5	Eraser	Standard	1Pack	1:25
6	Fire extinguisher	Standard	-	
7	Poultry feeder and	Standard	-	
8	Poultry waterer			
9	thermometer	digital/analog	5	1:5
10	Ventilators	Standard	Depend on environment	
11	Electrical light/lamp	Standard	5	1:5
12	solar	Standard	1	1:25
13	Albumin height measuring	standard	1	1:25

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ARRA	RR PMO			IVET ME
	device			
14	Cube(for transportation)			1-to-25
15	Egg candler	Standard	1	
16	Generator		-	
17	Heater		-	
18	Incubator	Medium size	-	1:25
20	Weighing scale	Sensitive	1	1:25
21	Pail{bucket}	Plastic/aluminium	3	1:8
22	Feed scoop		-	
23	Wheel barrow	Standard metal	2	
24	Feed bin		-	
25	Feed cart		-	
26	Weighing scale	Hanging	-	
27	Egg trays		-	
28	Poultry	Different breed and purpose	5	1:5
29	Infrared gas brooder	Standard	1	1:25
25	Debeaker	Electrical	1	1:25
31	Fabricated layer cages	Plastic	5	1:5
32	Knapsacks sprayer and hand sprayer	Pneumonic	1	1:25
33	Egg grader	Standard	1	1:25
34	Feed scoop	Standard	1	1:25
35	Hover	Standard	1	1:25
36	Chick guard	Standard	1	1:25
37	Curtains	Standard	1	1:25
38	Wheel barrow	Standard	1	1:25

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	KK I MO			
39	Rake	Standard	5	1:5
40	Shovel	Standard	5	1:5
41	Spade	Standard	5	1:5
42	Portable coolers	Standard	5	1:5
43	Water pump	Diesel	1	1:25





LEARNING MODULE-2

TVET PROGRAM TITLE: Poultry Production for short term training

MODULE TITLE: Implementing feeding plans for poultry production

MODULE CODE: AGR PPM3 M02 0120

NOMINAL DURATION: 45hrs

MODULE DESCRIPTION:

This module specifies the process of implementing feeding plans in an intensive animal production enterprise. It requires the interpretation of schedules and plans, the preparation and feeding of milled and supplementary feed as well as a clear understanding of the procedures to be undertaken and the targets to be met4.

LEARNING OUTCOMES:

At the end of this module the learner will be able to:

- **LO1**.Interpret poultry feeding plans
- LO2. Prepare for feeding
- LO3. Mix feed
- **LO4**. Conduct hygiene and administration activities
- **LO5**. Order and store feed and ingredients

MODULE CONTENTS:

LO1. Interpret poultry feeding plans

- 1.1. Industry Standards and enterprise requirements
- 1.2. Assessing and recording poultry condition
- 1.3. Identifying poultry production status
- 1.4. Poultry nutritional requirements and the nutritional value of feedstuffs.
- 1.5. Confirming and adjusting feeding plan

LO2. Prepare for feeding

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- 2.1 Interpreting work to be undertaken from feeding plan.
- 2.2 Deciding dietary elements of particular rations.
- 2.3 OHS hazards, risk assessment and control measures.
- 2.4 Selecting, using and maintaining personal protective clothing
- 2.5 Selecting, checking, and maintaining tools and equipment.
- 2.6 Identifying environmental implications, assessing outcome and taking responsible action

LO3.Mix feed

- 3.1 .Calibrating Scales and containers.
- 3.2 .Identifying ingredients from instructions.
- 3.3 . Measuring ingredients in ratios and quantities.
- 3.4 .Blending/Mixing ingredients adequately and hygienically.
- 3.5 .Basic mixing problems
- 3.6 .Conducting milling.
- 3.7 .OHS hazards, risk assessment and control measures.
- 3.8 .Selecting, using and maintaining personal protective equipment.

LO4. Conduct hygiene and administration activities

- 4.1 Cleaning and handling equipment.
- 4.2 Information gathering and presentation.
- 4.3 Completing records and documentation.

LO5. Order and store feed and ingredients

- 5.1 Ordering ingredients.
 - 5.1.1 Grain types and qualities
 - 5.1.2 Grain contaminants
- 5.2 Storing ingredients and feed





- 5.3 Evidence of spoilage and handling spoilt feeds
- 5.4 Rotating stock and ordering replacements
- 5.5 Completing records and documentation.





For None Impaired	Reasonable Adjustment for Trainees with Disability (TWD)			
Trainees	Low Vision and Blind	Deaf	Hard of hearing	Physical impairment
Lecture	❖ Provide large print text	❖ Assign sign language	 Organize the class 	 Organize the
discussion	 Prepare the lecture in 	interpreter	room seating	class room
	Audio/video & in Brail format	 Arrange the class room 	arrangement to be	seating
	 Organize the class room seating 	seating to be conducive for	accessible to	arrangement to
	arrangement to be accessible to	eye to eye contact	trainees	be accessible
	trainees	Make sure the luminosity of	❖ Speak Loudly	for wheelchairs
	❖ Write short notes on the	the light of class room is kept	❖ Ensure the	users.
	black/white board using large text	Introduce new and relevant	attention of the	 Facilitate and
	Make sure the luminosity of the	vocabularies	trainees	support the
	light of class room is kept	 Use short and clear sentences 	Present the lecture	trainees who
	 Use normal tone of voice 	 Give emphasis on visual 	in video format	have severe
	 Encourage trainees to record the 	lecture and ensure the	❖ Ensure the	impairments on
	lecture in audio format	attention of the trainees	attention of the	their upper
	 Provide Orientation on the 	 Avoid movement during 	trainees	limbs to take

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ARRA RR PMO		lo otuvo timo o		noto
	physical feature of the work shop	lecture time		note
	 Summarize main points 	Present the lecture in video		❖ Provide
		format		Orientation on
		 Summarize main points 		the physical
				feature of the
				work shop
Demonstration	❖ Conduct close follow up	❖ use Sign language interpreter	❖ Illustrate in clear	❖ Facilitate and
Demonstration	·			
	Use verbal description	Use video recorded material	& short method	support the
	 Provide special attention in the 	 Ensure attention of the 	Use Video	trainees having
	process of guidance	trainees	recorded material	severe upper
	 facilitate the support of peer 	 Provide structured training 	 Ensure the 	limbs
	trainees	 Show clear and short method 	attention of the	impairment to
	 Prepare & use simulation 	 Use gesture 	trainees	operate
		*	*	equipments/
		rovide tutorial support	rovide tutorial	machines
		(if necessary)	support	❖ Assign peer
			(if necessary)	trainees to
				assist

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ARRA RR PMO		THE NET HE		
				❖ Conduct close
				follow up
				*
				rovide tutorial
				support
				(if necessary
Group discussion	Facilitate the integration of	Use sign language interpreters	 Facilitate the 	Introduce the
	trainees with group members	 Facilitate the integration of 	integration of	trainees with
	 Conduct close follow up 	trainees with group members	trainees with	their peers
	Introduce the trainees with other	❖ Conduct close follow up	group members	
	group member	Introduce the trainees with	 Conduct close 	
	Brief the thematic issues of the	other group member	follow up	
	work		Introduce the	
			trainees with other	
			group member	
			❖ Inform the group	
			members to speak	
			Loudly	
	<u></u>			

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Exercise	❖ Conduct close follow up and	 Conduct close follow up and 	❖ Conduct close	❖ Assign peer
	guidance	guidance	follow up and	trainees
	 Provide tutorial support if 	 Provide tutorial support if 	guidance	 Use additional
	necessary	necessary	Provide tutorial	nominal hours
	provide special attention in the	provide special attention in	support if	if necessary
	process	the process/practical training	necessary	
		Introduce new and relevant	provide special	
		vocabularies	attention in the	
			process/ practical	
			training	
	*	*	*	
Individual	repare the assignment questions	se sign language interpreter	rovide briefing	
assignment	in large text/Brail	*	orientation on the	
	 Encourage the trainees to prepare 	rovide briefing /orientation on	assignment	
	and submit the assignment in	the assignment	*	
	large texts/Brail	*	rovide visual	
	❖ Make available recorded	rovide visual recorded material	recorded material	
	assignment questions			
	❖ Facilitate the trainees to prepare			

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	and submit the assignment in soft		
	or hard copy		

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Interview		Use sign language interpreter	Speak Loudly	Use written
		 Ensure or conform whether 	 Using sign language 	response as
		the proper communication	interpreter if necessary	an option fo
		was conducted with the		the trainees
		trainee through the service of		having
		the sign language interpreter		speech
		 Use short and clear 		challenges
		questioning		
		❖ Time extension		
Written test	 Prepare the exam in large 	Prepare the exam using short	Prepare the exam	 Use oral
	texts/Brail	sentences, multiple choices,	using short sentences,	response a
	Use interview as an option if	True or False, matching and	multiple choices, True	an option to
	necessary	short answers	or False, matching and	give answe
	Prepare the exam in audio format	 Avoid essay writing 	short answers if	for trainees
	 Assign human reader 	 Time extension 	necessary.	having
	(if necessary)			severe
	❖ Time extension			upper limb

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ARRA RR PMO)			
				impairment
				❖ Time
				extension
				for trainees
				having
				severe
				upper limb
				impairment
Demonstration/	Brief the instruction or provide	 Use sign language interpreter 	 Provide activity based 	❖ Provide
Observation	them in large text/Brail	❖ Brief on the instruction of the	assessment	activity
	 Time extension 	exam	 Brief on the instruction 	based
		Provide activity-based/	of the exam	assessment
		practical assessment method	 Use loud voice 	Conduct
		 Time extension 	❖ Time extension	close follow
				up
				❖ Time
				extension
		1		

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For None	Reasonable Adjustment for Trainees v	vith Disability (TWD)		
Impaired Trainees	Low Vision and Blind	Deaf	Hard of hearing	Physical impairment
Lecture	❖ Provide large print text	❖ Assign sign language	 Organize the class 	Organize the
discussion	Prepare the lecture in Audio/video	interpreter	room seating	class room
	& in Brail format	 Arrange the class room 	arrangement to be	seating
	 Organize the class room seating 	seating to be conducive for	accessible to	arrangement to
	arrangement to be accessible to	eye to eye contact	trainees	be accessible
	trainees	Make sure the luminosity of	❖ Speak Loudly	for wheelchairs
	❖ Write short notes on the black/white	the light of class room is kept	❖ Ensure the	users.
	board using large text	Introduce new and relevant	attention of the	 Facilitate and
	Make sure the luminosity of the	vocabularies	trainees	support the
	light of class room is kept	 Use short and clear sentences 	❖ Present the lecture	trainees who
	Use normal tone of voice	❖ Give emphasis on visual	in video format	have severe
	Encourage trainees to record the	lecture and ensure the	❖ Ensure the	impairments or
	lecture in audio format	attention of the trainees	attention of the	their upper
	Provide Orientation on the physical	❖ Avoid movement during	trainees	limbs to take
	feature of the work shop	lecture time		note

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ARRA RR PMO	MINET M		
❖ Summarize main points	Present the lecture in video		❖ Provide
	format		Orientation on
	 Summarize main points 		the physical
			feature of the
			work shop
Demonstration ❖ Conduct close follow up	❖ use Sign language interpreter	Illustrate in clear	 Facilitate and
 Use verbal description 	Use video recorded material	& short method	support the
 Provide special attention in the 	 Ensure attention of the 	Use Video	trainees having
process of guidance	trainees	recorded material	severe upper
 facilitate the support of peer trainees 	 Provide structured training 	 Ensure the 	limbs
 Prepare & use simulation 	 Show clear and short method 	attention of the	impairment to
	 Use gesture 	trainees	operate
	Provide tutorial support (if	*	equipments/
	necessary)	rovide tutorial	machines
		support	 Assign peer
		*	trainees to
		(if necessary)	assist
		*	❖ Conduct close
			follow up

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ARRA RR	PMO		T	T
				rovide tutorial support (if necessary
Group discussion	 Facilitate the integration of trainees with group members Conduct close follow up Introduce the trainees with other group member Brief the thematic issues of the work 	 Use sign language interpreters Facilitate the integration of trainees with group members Conduct close follow up Introduce the trainees with other group member * 	 ❖ Facilitate the integration of trainees with group members ❖ Conduct close follow up ❖ Introduce the trainees with other group member ❖ Inform the group members to speak Loudly 	❖ Introduce the trainees with their peers

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Exercise	❖ Conduct close follow up and	❖ Conduct close follow up and	❖ Conduct close	❖ Assign peer
	guidance	guidance	follow up and	trainees
	 Provide tutorial support if necessary 	 Provide tutorial support if 	guidance	 Use additional
	provide special attention in the	necessary	 Provide tutorial 	nominal hours
	process	provide special attention in	support if	if necessary
		the process/practical training	necessary	*
		Introduce new and relevant	provide special	
		vocabularies	attention in the	
			process/ practical	
			training	
	prepare the assignment questions in	 Use sign language interpreter 	Provide briefing	
Individual	large text/Brail	Provide briefing /orientation on	/orientation on the	
assignment	 Encourage the trainees to prepare 	the assignment	assignment	
	and submit the assignment in large	 Provide visual recorded 	 Provide visual 	
	texts/Brail	material	recorded material	
	Make available recorded			
	assignment questions			
	 Facilitate the trainees to prepare and 			
	submit the assignment in soft or hard			

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nterview	*	*	Use sign language interpreter	*	Speak Loudly	*	Use written
		*	Ensure or conform whether	*	Using sign language		response as
			the proper communication		interpreter if necessary		an option fo
			was conducted with the				the trainees
			trainee through the service of				having
			the sign language interpreter				speech
		*	Use short and clear				challenges
			questioning				
		*	Time extension				
Written	Prepare the exam in large texts/Brail	*	Prepare the exam using short	*	Prepare the exam	*	Use oral
test	 Use interview as an option if 		sentences, multiple choices,		using short sentences,		response a
	necessary		True or False, matching and		multiple choices, True		an option to
	Prepare the exam in audio format		short answers		or False, matching and		give answe
	 Assign human reader 	*	Avoid essay writing		short answers if		for trainees
	(if necessary)	*	Time extension		necessary.		having
	 Time extension 						severe
							upper limb

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AKKA	RR PMO		1	
				impairment
				❖ Time
				extension
				for trainees
				having
				severe
				upper limb
				impairment
Demonstra	❖ Brief the instruction or provide them	Use sign language interpreter	 Provide activity based 	❖ Provide
tion/Obser	in large text/Brail	Brief on the instruction of the	assessment	activity
vation	 Time extension 	exam	 Brief on the instruction 	based
		Provide activity-based/	of the exam	assessment
		practical assessment method	 Use loud voice 	Conduct
		❖ Time extension	❖ Time extension	close follow
				up
				❖ Time
				extension

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Assessment Criteria:

LO1. Interpret poultry feeding plans

- Assess and record poultry condition according to industry Standards and enterprise requirements.
- Identify poultry production status according to enterprise requirements.
- Identify poultry nutritional requirements and the nutritional value of feedstuffs.
- confirm and adjust feeding plan as required, appropriate to poultry condition and essential nutritional requirements

LO2. Prepare for feeding

- Interpret work to be undertaken from feeding plan.
- Decide concerning dietary elements for particular rations.
- Identify OHS hazards, assess risk and implement suitable controls for male and female.
- Select, use and maintain suitable personal protective clothing and equipment for male and female.
- Select, check, and maintain tools and equipment suitable for the work to be undertaken if necessary.
- Identify environmental implications of undertaking work, assess outcomes and take responsible action if necessary..

LO3. Mix feed

- Calibrate Scales and containers to be used for measurements according to the manufacturer's instructions.
- Identify ingredients from instructions and obtain from storage LOcations.
- Measure ingredients in the specified ratios and quantities.
- Blend ingredients adequately and hygienically in the manner specified and using the appropriate equipment.
- Conduct milling where required in the manner specified and using the appropriate equipment.

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- Identify OHS hazards, assess risk and implement suitable controls for males and females.
- Select, use and maintain suitable personal protective equipment for males and females.

LO4.Conduct hygiene and administration activities

- Clean equipment according to manufacturers' specifications and organizational procedures to maintain hygiene Standards.
- Undertake information gathering, collation and presentation.
- Complete all required records and documentation according to organizational requirements.

LO5.Order and store feed and ingredients

- Order ingredients previously selected from the supplier according to organizational protocols.
- Store ingredients and feed safely in the location and manner determined by the supervisor.
- Order stock rotated and replacements to arrive at the appropriate time to ensure optimum freshness.
- Complete all required records and documentation according to organizational requirements.





Annex: Resource Requirements

	Implementing feeding plans for poultry production						
	AGR PLP3 M02 0120						
Item No.	Category/Item	Description/ Specifications	Quantity	Recommended Ratio (Item: Learner)			
A.	Learning Materials						
1.	TTLM	Learning Guide		1:1			
3.	Reference Books	MoARD, BoARD, and EARO	5	1:5			
4.	Journals/Publication/Magazine s	Updated					
В.	Learning Facilities & Infrastructure						
1.	Lecture room	5m*8m	1	1:25			
2.	Library	Standard		1:25			
3.	Computer room	Standard	1	1:25			
4.	Feed store and processing room	5*5M	1	1:25			
5	Textbooks	Poultry feed manuals	5	1:5			
С	Consumable materials						
1	Chalk	Packet	1	1:25			
2	Supplementary feed	Kg	1	1:25			
D	Tools and Equipments						
1.	Weighing scale	Standard	2	1:15			
2	Water tankers withstand	Plastic	1	1:25			
4	Water line reticulation		1	1:25			

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5	Hammer mill with accessories		1	1:25
6	Mixer vertical with accessories	Electrical /diesel engine	1	1:25
7	Buckets for feed/ water	Standard	15	1:2
8	Shovel	Standard	15	1:2
9	Wheel barrow	Standard	5	1:5
10	Mineral boxes	Standard	2	1:15
11	Waterer	Standard	5	1:5
12	Feeding trough	Standard	5	1:5
13	Spade	Standard	10	1:2
14	Fork	Standard	10	1:2
15	Hoe	Standard	10	1:2
16	Pasture seed	Kg	5	1:5
17	PPE{Overalls; Gloves; Safety goggles; Steel capped boots/shoes; Sunhats and Nose protector}	Standard	25	1:1

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LEARNING MODULE 03

TVET-PROGRAM TITLE : Poultry Production For short term training

MODULE -TITLE: Brooding poultry

MODULE CODE:AGR PLP3 M03 0120

NOMINAL DURATION:35hours

MODULE DESCRIPTION

This module covers the process of brooding all poultry species and breeds produced in an intensive environment and defines the Standard required to: handle hatchlings and brooding chickens and ensure access to feed and water according to codes of welfare; monitor ventilation, temperature and humidity of the shed environment; provide litter and replace as required; expand the brooding area to provide optimal stocking density as required; use immunisation techniques and diet to optimise the immune system; remove dead or culled young birds; keep records as required

LEARNING OUTCOMES

At the end of the module the learner will be able to

- **LO1**. Prepare for brooding
- LO2. Carry out brooding operations
- LO3. Shed operation

MODULE CONTENTS:

LO1. Prepare for brooding

- 1.1 Interpreting work from work program
- 1.2 Held discussions with other workers
- 1.3 Select, check, and service tools and equipment
- 1.4 Identifying OHS hazards and implement safe work procedures
- 1.5 select, use and maintain personal protective equipment

LO2. Carry out brooding operations





- 2.1 Monitoring and Recording temperature, times, humidity and bird standards
- 2.2 Handle hatchlings and brooding chickens in the shed
 - 2. 2.1 Providing litter and replacing
 - 2. 2.2 Ensuring access to feed and water
 - 2. 2.3 Using immunization techniques and diet
- 2.3 Adjusting shed temperatures
 - 2.3.1. The relationship between bird behavior and brooding temperature
- 2.4 Recording and reporting observed changes
- 2.5 Removing dead or culled young birds
- 2.6 Extending and providing brooding area
- 2.7 Carry out black-out training of young birds/hatchlings

LO3. Shed operation

- 3.1 Removing and disposing all debris and waste materials
- 3.2 Cleaning, maintaining and storing tools, machinery and equipment
- 3.3 Maintain a clean and safe area
 - 3.3.1. Perform routine hygiene maintenance activities
- 3.4 Recording and Reporting work outcomes





For None	Reasonable Adjustment for Trainees with Disability (TWD)									
Impaired Trainees	Low Vision	Deaf	Hard of hearing	Physical impairment						
Lecture-	 Provide large print text 	 Assign sign language interpreter 	 Organize the class 	 Organize the class 						
discussion	Prepare the lecture in Audio/video	 Arrange the class room seating 	room seating	room seating						
	& in Brail format	to be conducive for eye to eye	arrangement to be	arrangement to be						
	 Organize the class room seating 	contact	accessible to	accessible for						
	arrangement to be accessible to	Make sure the luminosity of the	trainees	wheelchairs users.						
	trainees	light of class room is kept	Speak Loudly	 Facilitate and suppor 						
	 Write short notes on the black/white 	Introduce new and relevant	❖ Ensure the	the trainees who hav						
	board using large text	vocabularies	attention of the	severe impairments						
	 Make sure the luminosity of the 	 Use short and clear sentences 	trainees	their upper limbs to						
	light of class room is kept	 Give emphasis on visual lecture 	Present the	take note						
	 Use normal tone of voice 	and ensure the attention of the	lecture in video	 Provide Orientation of 						
	 Encourage trainees to record the 	trainees	format	the physical feature						
	lecture in audio format	❖ Avoid movement during lecture	❖ Ensure the	the work shop						
	 Provide Orientation on the physical 	time	attention of the							

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ARRA RR F	feature of the work shop	❖ Present the lecture in video	trainees	
	Summarize main points	format		
		 Summarize main points 		
Demonstration	❖ Conduct close follow up	❖ use Sign language interpreter	❖ Illustrate in clear ❖	Facilitate and support
	 Use verbal description 	 Use video recorded material 	& short method	the trainees having
	Provide special attention in the	Ensure attention of the trainees	❖ Use Video	severe upper limbs
	process of guidance	 Provide structured training 	recorded material	impairment to operate
	facilitate the support of peer	Show clear and short method	❖ Ensure the	equipments/ machines
	trainees	❖ Use gesture	attention of the	Assign peer trainees to
	 Prepare & use simulation 	*	trainees	assist
		rovide tutorial support	*	Conduct close follow
		(if necessary)	rovide tutorial	up
			support *	

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ARRA RR	PMO		I	
			(if necessary)	rovide tutorial support (if necessary
Group	❖ Facilitate the integration of trainees	Use sign language interpreters	Facilitate the	Introduce the trainees
discussion	 with group members Conduct close follow up Introduce the trainees with other group member Brief the thematic issues of the work 	 Facilitate the integration of trainees with group members Conduct close follow up Introduce the trainees with other group member 	integration of trainees with group members Conduct close follow up Introduce the trainees with other	with their peers

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Exercise	 Conduct close follow up and guidance Provide tutorial support if necessary provide special attention in the process 	 Conduct close follow up and guidance Provide tutorial support if necessary provide special attention in the process/practical training Introduce new and relevant vocabularies 	group member Inform the group members to speak Loudly Conduct close follow up and guidance Provide tutorial support if necessary provide special attention in the process/ practical
			process/ practical training
	*	*	*
Individual assignment	repare the assignment questions in large text/Brail	se sign language interpreter	rovide briefing /orientation on the

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 Encourage the trainees to prepare 	rovide briefing /orientation on the	assignment
and submit the assignment in large	assignment	*
texts/Brail	*	rovide visual
 Make available recorded 	provide visual recorded material	recorded material
assignment questions		
 Facilitate the trainees to prepare 		
and submit the assignment in soft		
or hard copy		

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Interview		*	Use sign language interpreter	*	Speak Loudly	*	Use written
		*	Ensure or conform whether	*	Using sign language		response as an
			the proper communication was		interpreter if necessary		option for the
			conducted with the trainee				trainees having
			through the service of the sign				speech challenges
			language interpreter				
		*	Use short and clear				
			questioning				
		*	Time extension				
Written	 Prepare the exam in large texts/Brail 	*	Prepare the exam using short	*	Prepare the exam	*	Use oral response
test	 Use interview as an option if 		sentences, multiple choices,		using short sentences,		as an option to give
	necessary		True or False, matching and		multiple choices, True		answer for trainees
	 Prepare the exam in audio format 		short answers		or False, matching and		having severe uppe
	 Assign human reader 	*	Avoid essay writing		short answers if		limb impairment
	(if necessary)	*	Time extension		necessary.	*	Time extension for
	❖ Time extension						trainees having

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ARRA				severe upper limb
				impairment
Demonstrat	Brief the instruction or provide them in	Use sign language interpreter	Provide activity based	Provide activity
ion/Observ	large text/Brail	Brief on the instruction of the	assessment	based assessment
ation	Time extension	exam	 Brief on the instruction 	 Conduct close follow
		Provide activity-based/	of the exam	up
		practical assessment method	❖ Use LOud voice	Time extension
		Time extension	❖ Time extension	

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ASSESSMENT CRITERIA:

LO1. Prepare for brooding

- Work to be undertaken is interpreted from work program where necessary, and confirmed with management/supervisor.
- Discussions are held with other workers who may be affected by the activities to ensure continued smooth operation of the production process.
- Tools and equipment required for the work to be undertaken are selected, checked, and serviced if necessary.
- Occupational Health and Safety (OHS) hazards are identified, risk assessed and suitable controls implemented.
- Suitable personal protective equipment is selected, used and maintained.

LO2. Carry out brooding operations

- Temperatures are monitored and recorded accurately according to supervisor's instructions.
- Day old chickens are placed in the shed according to workplace instructions and handled with care.
- Shed temperatures are adjusted in accordance with supervisor or manager instructions and the observed activity of the birds.
- Observed changes are recorded and reported.
- Dead or culled young birds are removed and disposed of according to establishment practice and code of welfare, and recorded in appropriate record.
- Brooding area is extended as young birds grow, if required and according to instructions, to provide an optimal stocking density and avoid crowding.
- Black-out training of young birds/hatchlings is regularly carried out according to establishment practice.

LO3. Shed operation

• All debris and waste material is removed from the site and disposed of in an

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environmentally aware and safe manner according to organization work procedures.

- Tools, machinery and equipment are cleaned, maintained and stored according to organization work procedures.
- A clean and safe area is maintained throughout and on completion of work.
- Work outcomes are recorded or reported to the supervisor according to organization work procedures





Annex: Resource Requirements

	MODULE CODE: AGR PLP3 M03 0120			
	MODULE TI	TLE: Brooding p	oultry	
Item No.	Category/Item	Description/ Specifications	Quantity	Recommended Ratio (Item: Learner)
A.	Learning Materials			
1.	TTLM	Prepare by trainers	25	1:1
3.	Reference Books		5	1:5
3.	Chicken Poultry	Differentbreeds	5	1:5
4	Journals/Publication/Magazines	Related to the topic	5	1:5
5	Record sheet	record sheet	5	1:5
B.	Learning Facilities &			
	Infrastructure			
1.	Lecture Room	5*5m	1	1:25
2.	Library	Standard	1	1:25
3.	Poultry house	3*4m	1	1:25
4.	Waste disposal area	3*2m	1	1:25
C.	Consumable Materials			
1.	Paper	A4	5rim	1:5
2.	Disinfected or sanitize	Chemicals	1L	1:25
3.	Pen	Ball point	2	
4.	Litter	Grass ,straw		
٦.	Littor	and others		
		Cton donde	5	1:5
6	Vitamin K/multi vitamins	Standards	5	1.5
6 D .	Vitamin K/multi vitamins Tools and Equipment	Standards	3	1.5

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2.	Hygrometer	Plastic	5	1:5
3.	Thermometer	Standard	5	1:5
4.	PPE	Standard	25	1:1
5.	De-beaker	Electrical	1	1:25
6.	Feeder and waterer	Small Plastic	5	1:5
	r codor and waterer	/stillness steel		1.0
		Standard	Depend on	
7	Ventilator		enviromental	
			condition	





LEARNING MODULE-04

TVET-PROGRAMME TITLE: Poultry Production for short term training

MODULE TITLE: Implementing Poultry Farm West management

MODULE CODE: AGR PLP3 M04 0120

NOMINAL DURATION: 40 hours

MODULE DESCRIPTION

This module covers the knowledge, skills and attitudes required to enable the trainee to carry out waste management, identify poultry wastes and apply waste disposal system

LEARNING OUTCOMES

At the end of the module, the trainee / learner will be able to:

- **LO1** Handle Poultry wastes materials
- LO2. Maintain waste matter storage and disposal system
- LO3. litter Materials Utilization
- **LO4**. Monitor waste matter disposal system
- LO5. Conduct hygiene and administration activities

MODULE CONTENTS:

LO1 Handle Poultry wastes materials

- 1.1. Interpreting work from work program
- 1.2. Held discussions with other workers
- 1.3. Identifying OHS hazards and implementing safe work procedures
- 1.4. selecting, using and maintaining personal protective equipment
- 1.5. Selecting, checking, and servicing tools and equipment

LO2. Maintain waste matter storage and disposal system

- 2.1. Observing and following Organisational OHS procedures, practices, policies and precautions
- 2.2. Servicing and maintaining waste matter removal and disposal equipment
- 2.3. Using waste matter disposal systems

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- 2.3.1. Using liquid waste matter storages
- 2.3.2. carrying out techniques for irrigation
- 2.4. Flushing and draining in-shed effluent pits.
- 2.5. Compost waste matter

LO3. Litter Materials Utilization

- 3.1. Identifying litter Materials Utilization that affects effluent management system
- 3.2. Identifying the environmental implications of poultry effluent disposal
- 3.3. Evaluating litter materials utilization recycling options with the whole farm plan.
- 3.4. Analyse processing & re-use options (as feed or fertilizer)
- 3.5. Obtaining information from effluent management specialists
- 3.6. Selecting cost efficient litter materials management system

LO4.Monitor waste matter disposal system

- 4.10bserving and following OHS procedures, practices, and policies and using personal protective equipment.
- 4.2 Checking flow rates, pit levels, compost temperatures and equipment
- 4.3 Carry out cleaning procedures and hygiene practice
- 4.4Monitoring reflects an understanding of the environmental duty of care.

LO5. Conduct hygiene and administration activities

- 5.1. Cleaning equipment in accordance with manufacturer's specifications
- 5.2. Cleaning and storing attachments and other ancillary equipment
- 5.3. Disposing safely and appropriately all containers, leftover fluids, waste and debris from the operations.
- 5.4. completing records and documentation





LEARNING	METHODS:
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	LEARNING METHODS:			
For None	Reasonable Adjustment for Trainees with Disability (TWD)			
Impaired Trainees	Low Vision	Deaf	Hard of hearing	Physical impairment
Lecture	❖ Provide large print text	Assign sign language	Organize the class	❖ Organize the class
discussion	❖ Prepare the lecture in	interpreter	room seating	room seating
	Audio/video & in Brail	❖ Arrange the class	arrangement to be	arrangement to be
	format	room seating to be	accessible to	accessible for
	❖ Organize the class room	conducive for eye to	trainees	wheelchairs users.
	seating arrangement to	eye contact	❖ Speak Loudly	Facilitate and support
	be accessible to trainees	❖ Make sure the	❖ Ensure the	the trainees who have
	❖ Write short notes on the	luminosity of the	attention of the	severe impairments on
	black/white board using	light of class room is	trainees	their upper limbs to
	large text	kept	❖ Present the lecture	take note
	Make sure the luminosity	❖ Introduce new and	in video format	Provide Orientation on
	of the light of class room	relevant vocabularies	❖ Ensure the	the physical feature of
	is kept	Use short and clear	attention of the	the work shop
	Use normal tone of voice	sentences	trainees	

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Encourage trainees to	❖ Give emphasis on
record the lecture in	visual lecture and
audio format	ensure the attention
Provide Orientation on	of the trainees
the physical feature of the	❖ Avoid movement
work shop	during lecture time
 Summarize main points 	❖ Present the lecture in
	video format
	❖ Summarize main
	points

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ARRA RR PMO		a told the
Demonstration	 Conduct close follow up 	❖ use Sign language ❖ Illustrate in clear & ❖ Facilitate and suppor
	 Use verbal description 	interpreter short method the trainees having
	Provide special attention	❖ Use video recorded ❖ Use Video severe upper limbs
	in the process of	material recorded material impairment to operate
	guidance	❖ Ensure attention of ❖ Ensure the equipments/ machines
	❖ facilitate the support of	the trainees attention of the Assign peer trainees to
	peer trainees	❖ Provide structured trainees assist
	Prepare & use simulation	training
		❖ Show clear and short rovide tutorial up
		method support .
		❖ Use gesture (if necessary) rovide tutorial support
		❖ (if necessary
		rovide tutorial
		support
		(if necessary)
Group	❖ Facilitate the integration	❖ Use sign language ❖ Facilitate the ❖ Introduce the trainees
discussion	of trainees with group	interpreters integration of with their peers
	members	❖ Facilitate the trainees with group

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ARRA RR PMO		1	Trust M
	❖ Conduct close follow up	integration of	members
	❖ Introduce the trainees	trainees with group	❖ Conduct close
	with other group member	members	follow up
	❖ Brief the thematic issues	Conduct close follow	❖ Introduce the
	of the work	up	trainees with other
	*	Introduce the	group member
	,	trainees with other	❖ Inform the group
		group member	members to speak
			Loudly
Exercise	❖ Conduct close follow up ❖	Conduct close follow	❖ Conduct close ❖ Assign peer trainees
	and guidance	up and guidance	follow up and . Use additional nominal
	❖ Provide tutorial support if ❖	Provide tutorial	guidance hours if necessary
	necessary	support if necessary	❖ Provide tutorial
	provide special attention	provide special	support if
	in the process	attention in the	necessary
		process/practical	❖ provide special
	,	training	attention in the
	*	Introduce new and	process/ practical
			1

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relevant vocabularies training

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hard copy



ARRA RR PMO ** ** Individual repare the assignment se sign language rovide briefing assignment /orientation on the questions in large interpreter text/Brail * assignment Encourage the trainees to rovide briefing | ❖ prepare and submit the /orientation on the rovide visual assignment recorded material assignment large texts/Brail * ❖ Make available recorded rovide visual assignment questions recorded material ❖ Facilitate the trainees to prepare and submit the assignment in soft or

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		ASSESSMENT METHODS:	
Interview		❖ Use sign language interpreter❖ Speak Loudly	❖ Use written
		 ❖ Ensure or conform whether the proper ❖ Using sign language 	response as an
		communication was conducted with interpreter if	option for the
		the trainee through the service of the necessary	trainees having
		sign language interpreter	speech challenges
		❖ Use short and clear questioning	
		❖ Time extension	
Written test	❖ Prepare the exam in	❖ Prepare the exam using short ❖ Prepare the exam	❖ Use oral response
	large texts/Brail	sentences, multiple choices, True or using short	as an option to
	❖ Use interview as an	False, matching and short answers sentences, multiple	give answer for
	option if necessary	❖ Avoid essay writing choices, True or	trainees having
	❖ Prepare the exam in	❖ Time extension False, matching and	severe upper limb
	audio format	short answers if	impairment
	 Assign human reader 	necessary.	❖ Time extension for
	(if necessary)		trainees having
	 Time extension 		severe upper limb

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ARRA RR PMO		T		· · · ·
				impairment
Demonstration	Brief the instruction or	 Use sign language interpreter 	Provide activity	Provide activity
/Observation	provide them in large	Brief on the instruction of the exam	based assessment	based assessment
	text/Brail	Provide activity-based/ practica	I ❖ Brief on the	❖ Conduct close
	Time extension	assessment method	instruction of the	follow up
		 Time extension 	exam	❖ Time extension
			Use loud voice	
			❖ Time extension	

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ASSESSMENT CRITERIA:

LO1 Handle Poultry wastes materials

- Work to be undertaken is interpreted from work program where necessary, and confirmed with management.
- Discussions are held with other workers who may be affected by the maintenance activities to ensure continued smooth operation of the production process.
- Occupational Health and Safety (OHS) hazards are identified, risk assessed and suitable controls implemented.
- Suitable personal protective equipment is selected, used and maintained.
- Tools and equipment suitable for the work to be undertaken are selected, checked and maintained if necessary.

LO2. Maintain waste matter storage and disposal system

- Organisational OHS procedures, practices, policies and precautions are observed and followed, including the use of personal protective equipment.
- Waste matter removal and disposal equipment is correctly serviced and maintained.
- Waste matter disposal systems are used according to system design in compliance with approval granted by local government and State environment protection authority.
- When liquid waste matter storages are used, recognised techniques for irrigation are carried out according to establishment practice.
- In-shed effluent pits are flushed and drained as required.
- When waste matter is composted, turning is done in accordance with establishment practice, State environment protection authority

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ARKA KK PMO

recommendations, and OHS procedures.

LO3. litter Materials Utilization

- Requirements for litter Materials Utilization are identified.
- Litter Materials Utilization that affects effluent management system is identified.
- The environmental implications of poultry effluent disposal are identified.
- Litter Materials Utilization recycling options are evaluated in accordance with the whole farm plan.
- Processing & re-use options (as feed or fertilizer) is analysed on the basis of their merits and suitability for the environment.
- Information is obtained from effluent management specialists on all relevant aspects of litter Materials Utilization.
- Efficient litter Materials management system is selected on the basis of a cost benefit analysis.

LO4.Monitor waste matter disposal system

- Organisational OHS procedures, practices, policies and precautions are observed and followed, including the use of personal protective equipment.
- Flow rates, pit levels, compost temperatures and equipment are regularly checked to maintain effective operation of the system.
- Cleaning procedures and hygiene practice are carried out according to established practice.
- Monitoring reflects an understanding of the environmental duty of care.

LO5. Conduct hygiene and administration activities

• Equipment is cleaned in accordance with manufacturer's specifications, organisational procedures and regulations.

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- Attachments and other ancillary equipment are cleaned and stored in accordance with manufacturer's specifications, organisational procedures and regulations.
- All containers, leftover fluids, waste and debris from the operations are disposed of safely and appropriately.
- All required records and documentation are completed accurately and promptly in accordance with organisational requirements





MODULE CODE: AGR PLP3 M04 0120 MODULE tile: Implementing Poultry Farm West management

MODULE tile: Implementing Poultry Farm West management						
Item No.	Category/Item	Description/ Specifications	Quantity	Recommended Ratio (Item: Trainee)		
A.	Learning Materials					
1	TTLM.	Prepared by the trainer	25	1:1		
2		Up dated Animal				
	Reference book	west management	5	1:5		
		and recycling books				
В.	Learning Facilities &					
B.	Infrastructure					
1	Lecture room / work shop	5m*8m	1	1:25		
2	Library	10m*10m	1	1:25		
3	Waste pits	3*2	1	1:25		
C.	Consumable Materials					
1	Copy paper	A4 size	5 rim	1:5		
2	Detergent		1	1:25		
D.	Tools and Equipment's					
1.	Shovel		1	1:25		
2	Wheel burrow		1	1:25		
3	Meter		1	1:25		
	PPE{Overalls; Gloves; Safety	Standard				
4	goggles; Steel capped		25	1:1		
	boots/shoes; Sunhats and					

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Nose protector}





LEARNING MODULE-05

TVET PROGRAM TITLE: Poultry Production for short term training

MODULE TITLE: Maintaining Health and Welfare of Poultry

MODULE CODE: AGR PLP3 M05 0120

NOMINAL DURATION: 35 Hours

MODULE DESCRIPTION:

This unit covers the knowledge, skills and attitude to monitor poultry health and welfare and identify the Standard required to recognize symptoms of ill health, common diseases, parasite infestations, or physical abnormalities and remove non viable poultry; administer vaccines and medications and maintain records.

LEARNING OUTCOMES

At the end of the module the learner will be able to:

- **LO1** Monitor poultry health and welfare
- **LO2**. Provide an optimal environment for poultry
- **LO3**. Administer vaccines or alternative therapies
- **LO4**.Collect samples for analysis
- **LO5**.Remove non-viable poultry
- **LO6**. Keep and maintain record

MODULE CONTENTS:

LO1. Monitor poultry health and welfare

- 1.1. Maintaining bio security protocols and quarantine
- 1.2. Taking regular checks to assess poultry health and welfare
- 1.3. Recognizing and reporting symptoms of ill health.
- 1.4. Identifying cull birds using criteria established by the enterprise
- 1.5. Recording flock/herd health status in accordance with organization procedures

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LO2 Provide an optimal environment for poultry

- 2.1. Monitoring bird housing conditions
- 2.2. Monitoring, maintaining and operating temperature control equipment and humidity
- 2.3. Installing equipment and housing condition
- 2.4 Monitoring and Reporting animal welfare
- 2.5 Recording relevant formation of stock welfare and health

LO3 Administer vaccines or alternative therapies

- 3.1. Storing and labeling Vaccines, veterinary chemicals.
- 3.2. Storing to maintain maximum efficacy of Killed and live vaccines
- 3.3. Carrying out routine prevention procedures for disease
- 3.4. Measuring quantities of medicines accurately for administration
- 3.5. Carrying out Vaccination or medication instruction as required
- 3.6. Recording administration or medicines

LO4 Collect samples for analysis

- 4.1 Taking Swabs from surfaces and work areas
- 4.2 labeling and preparing Swabs and samples

LO5 Remove non-viable poultry

- 5.1 Undertaking culling and removing
- 5.2 Treating Sick poultry by neck dislocation
- 5.3 Providing mortem assistance

LO6 Keep and maintain record

- 6.1 Reporting disease information to the unit manager
- 6.2 Making all records clear and accurately maintained.

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ARRA RR PMO LEARNING METHODS:

For None	Reasonable Adjustment for Trainees with Disability (TWD)					
Impaired Trainees	Low Vision and Blind	Deaf	Hard of hearing	Physical impairment		
Lecture-	❖ Provide large print text	❖ Assign sign	 Organize the 	 Organize the class 		
discussion	Prepare the lecture in	language	class room	room seating		
	Audio/video & in Brail format	interpreter	seating	arrangement to be		
	 Organize the class room 	Arrange the class	arrangement	accessible for		
	seating arrangement to be	room seating to be	to be	wheelchairs users.		
	accessible to trainees	conducive for eye	accessible to	 Facilitate and 		
	 Write short notes on the 	to eye contact	trainees	support the		
	black/white board using large	Make sure the	Speak Loudly	trainees who have		
	text	luminosity of the	Ensure the	severe		
	Make sure the luminosity of	light of class room	attention of	impairments on		
	the light of class room is kept	is kept	the trainees	their upper limbs		
	 Use normal tone of voice 	❖ Introduce new	 Present the 	to take note		
	 Encourage trainees to record 	and relevant	lecture in	❖ Provide		
	the lecture in audio format	vocabularies	video format	Orientation on the		
	 Provide Orientation on the 	 Use short and 	Ensure the	physical feature of		

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ARRA RR PMO				
	physical feature of the work	clear sentences	attention of	the work shop
	shop	❖ Give emphasis on	the trainees	
	 Summarize main points 	visual lecture and		
		ensure the		
		attention of the		
		trainees		
		❖ Avoid movement		
		during lecture time		
		❖ Present the lecture		
		in video format		
		❖ Summarize main		
		points		

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ARRA	$\mathbf{D}\mathbf{D}$	DMO	
AKKA	KK	PMO	

Demonstration	❖ Conduct close follow up	❖ use Sign language	Illustrate in	❖ Facilitate and
	 Use verbal description 	interpreter	clear & short	support the
	Provide special attention in the	❖ Use video	method	trainees having
	process of guidance	recorded material	❖ Use Video	severe upper limbs
	facilitate the support of peer	 Ensure attention of 	recorded	impairment to
	trainees	the trainees	material	operate
	 Prepare & use simulation 	 Provide structured 	 Ensure the 	equipments/
		training	attention of	machines
		❖ Show clear and	the trainees	❖ Assign peer
		short method	*	trainees to assist
		 Use gesture 	rovide tutorial	❖ Conduct close
		*	support	follow up
		rovide tutorial	(if necessary)	*
		support		rovide tutorial
		(if necessary)		support
				(if necessary
Group	❖ Facilitate the integration of	 Use sign language 	 Facilitate the 	❖ Introduce the
discussion	trainees with group members	interpreters	integration of	trainees with their
	 Conduct close follow up 	Facilitate the	trainees with	peers

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ARRA RR PMO			
	Introduce the trainees with	integration of	group
	other group member	trainees with	members
	Brief the thematic issues of the	group members	❖ Conduct close
	work	Conduct close	follow up
		follow up	❖ Introduce the
		Introduce the	trainees with
		trainees with other	other group
		group member	member
			❖ Inform the
			group
			members to
			speak loudly
Exercise	 Conduct close follow up and 	 Conduct close 	❖ Conduct close ❖ Assign peer
	guidance	follow up and	follow up and trainees
	Provide tutorial support if	guidance	guidance
	necessary	Provide tutorial	❖ Provide nominal hours if
	provide special attention in	support if	tutorial necessary
	the process	necessary	support if
		provide special	necessary

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ARRA RR PMO	The state of the s			
	attention in the			
	process/practical special			
	training attention in the			
	❖ Introduce new and process/			
	relevant practical			
	vocabularies training			
	❖ prepare the assignment ❖ Use sign language ❖ Provide			
Individual	questions in large text/Brail interpreter briefing			
assignment	❖ Encourage the trainees to ❖ Provide briefing /orientation on			
	prepare and submit the /orientation on the the			
	assignment in large texts/Brail assignment assignment			
	 ❖ Make available recorded ❖ Provide visual ❖ Provide visual 			
	assignment questions recorded material recorded			
	❖ Facilitate the trainees to material			
	prepare and submit the			
	assignment in soft or hard			
	сору			

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ARRA RR PMO				

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Interview		Use sign language interpreter	Speak Loudly	Use written response
		 Ensure or conform whether the 	 Using sign 	as an option for the
		proper communication was	language	trainees having
		conducted with the trainee	interpreter if	speech challenges
		through the service of the sign	necessary	
		language interpreter		
		 Use short and clear questioning 		
		 Time extension 		
Written test	Prepare the exam in large	 Prepare the exam using short 	Prepare the	Use oral response
	texts/Brail	sentences, multiple choices, True	exam using	as an option to give
	Use interview as an option	or False, matching and short	short	answer for trainees
	if necessary	answers	sentences,	having severe upper
	Prepare the exam in audio	 Avoid essay writing 	multiple	limb impairment
	format	 Time extension 	choices, True	Time extension for
	 Assign human reader 		or False,	trainees having
	(if necessary)		matching and	severe upper limb
	 Time extension 		short answers	impairment

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ARRARTI			if necessary.	
Demonstrat ion/Observ ation	 Brief the instruction or provide them in large text/Brail Time extension 	 Use sign language interpreter Brief on the instruction of the exam Provide activity-based/ practical assessment method Time extension 	*	 Provide activity based assessment Conduct close follow up Time extension

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ASSESSMENT CRITERIA

LO 1 Monitor poultry health and welfare

- Bio security protocols and quarantine procedures are maintained at all times to prevent the entry of disease.
- Regular checks are taken to assess poultry health and welfare according to the requirements of the organization.
- Symptoms of ill health, common diseases, parasite infestations, or physical abnormalities are recognized and reported.
- Identify cull birds using criteria established by the enterprise or industry quality assurance program.
- Flock/herd health status is recorded in accordance with organization procedures.

LO 2 Provide an optimal environment for poultry

- Bird housing conditions are monitored to ensure that protection is provided from external factors identified by the welfare code of practice and farm welfare Quality Assurance (QA) procedures.
- Temperature control equipment and humidity control equipment where installed is correctly monitored, maintained and operated to ensure optimal temperatures for poultry.
- Equipment and housing is installed in accordance with established organization quality assurance programs.
- Welfare of poultry is continually monitored and non-compliance with animal welfare codes are reported promptly and dealt with by management.
- Information which is relevant to the welfare and health of stock is recorded according to organization practice.





LO 3. Administer vaccines or alternative therapies

- Vaccines, veterinary chemicals, or other therapeutic medicines appropriate to the operation are stored and labeled in controlled or refrigerated conditions or in freezers.
- Killed and live vaccines or other compounds are stored to maintain maximum efficacy of the product.
- Routine prevention procedures for disease or parasite infestation are carried out.
- Quantities of medicines are accurately measured for administration according to clear organization instruction and manufacturer's instructions.
- Vaccination or medication is carried out under instruction as required according to organization procedures.
- Administration or medicines are recorded

LO4 Collect samples for analysis

- Swabs are taken from surfaces and work areas on a regular basis and prepared for laboratory testing as required by organization and industry Standards.
- Swabs and samples are clearly and accurately labeled and prepared for dispatch to the laboratory as directed by veterinary staff, organization practice and the Bio security Code.

LO5 Remove non-viable poultry

- Culling and removal is undertaken according to organizational procedures and industry quality assurance program.
- Sick poultry are treated or culled by neck dislocation or gassing safely and the practice must comply with industry Standards of health and hygiene and the

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industry quality assurance program.

 Post-mortem assistance is provided where necessary according to organization practice.

LO6 Keep and maintain record

- Disease information is reported to the unit manager so that prevention strategies can be planned and implemented.
- All records made, kept and maintained are clear, accurate, and follow the guidelines.





Annex: Resource Requirements

	MODULE TITLE: Maintaini	ng Health and \	Nelfare of	Poultry
	MODULE CODE	E: AGR PLP3 M0	5 0120	
tem No.	Category/Item	Description/ Specifications	Quantity	Recommended Ratio (Item: Learner)
A.	Learning Materials			
1.	TTLM	Prepared by college	25	1:1
2.	Textbooks	-	25	1:1
3.	Reference Books	Standard first aid CPR, and AED		1:5
4.	Journals/Publication/Magaz ines	Related to the topic	3	1:10
В.	Learning Facilities & Infrastructure			
1.	Lecture Room	60m ²	1	1:25
2.	Virtual Library	Standard		
3.	Computer unit	Standard	1	1:25
3.	Dormitory	Prepared by college	10	1:2
С	Consumable Materials			
1	Chalk, stationary	Packet		
2	Supplementary feed	Kg		
D	Tools and Equipments			
1	Weighing scale (1000kg. cap.)	Standard	1	1:25
2	Laboratory equipments and chemicals,	Standard	5	1:5

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PMU			
Shovel	Standard	15	1:2
Wheel barrow	Standard	5	1:5
Mineral boxes	Standard	5	1:5
Waterer	Standard	5	1:5
Feeding trough	Standard	5	1:5
Syringes	Standard	5	1:5
Spade	Standard	10	1:2
Fork	Standard	10	1:2
Hoe	Standard	10	1:2
Towel	Standard	5	1:5
Anesthesia	Vial	15	1:2
Fire extinguisher	Container	2	1:15
Personal protective			
Equipment			
Overalls	Standard	25	1:1
Gloves	Standard	25	1:1
Safety goggles	Standard	25	1:1
Steel capped boots/shoes	Standard	25	1:1
Sunhats	Standard	25	1:1
Nose protector	Standard	25	1:1
	Shovel Wheel barrow Mineral boxes Waterer Feeding trough Syringes Spade Fork Hoe Towel Anesthesia Fire extinguisher Personal protective Equipment Overalls Gloves Safety goggles Steel capped boots/shoes Sunhats	Wheel barrow Mineral boxes Standard Waterer Standard Feeding trough Syringes Standard Spade Fork Hoe Standard Towel Anesthesia Vial Fire extinguisher Personal protective Equipment Overalls Standard Standard Standard Standard Container Personal protective Equipment Standard Standard	ShovelStandard15Wheel barrowStandard5Mineral boxesStandard5WatererStandard5Feeding troughStandard5SyringesStandard10ForkStandard10HoeStandard10TowelStandard5AnesthesiaVial15Fire extinguisherContainer2Personal protectiveEquipmentGlovesStandard25Safety gogglesStandard25Steel capped boots/shoesStandard25SunhatsStandard25

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LEARNING MODULE-06

ARMER-PAROGRAMME TITLE: Poultry Production for short term training

MODULE TITLE: Identifying Basic Farm Record

MODULE CODE: AGR PLP2 M06 0120

NOMINAL DURATION: 25 hr

MODULE DESCRIPTION:

This module covers the knowledge and skills required to enable the trainee to perform data collecting, recording and analysing Poultry farm data.

LEARNING OUTCOMES

At the end of the module the learner will be able to:

- LO1. Identify data to be collected
- LO2. Record Poultry farm data
- LO3. Present and store Poultry farm data

MODULE CONTENTS:

LO1. Identify data to be collected

- 1.1 Determining specific requirements of the data to be collected.
- 1.2 Obtaining materials or tools required for data collected
- 1.3 Identifying and collecting the data that may be encountered
- 1.4 Communicating advice about proposed data collection to others as required.
- 1.5 Determining of Checks are made to whether notices relating to site quarantine.

LO2. Record Poultry farm data

- 2.1 Determining Data recording systems
- 2.2 Recording poultry farm data in the correct format.
- 2.3 Legibility accuracy and complete records.

LO3. Present and store Poultry farm data

- 3.1 Presenting poultry farm data in the correct format.
- 3.2 Storing poultry farm data sheets according to enterprise procedures.
- 3.3 Analyzing and interpreting production data
- 3.4 Downloading or entering poultry farm data into a computer

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For None	Reasonable Adjustment for Trainees with Disability (TWD)								
Impaired Trains	Low Visio	n		Deaf		Н	ard of hearing		Physical impairmen
Lecture-	❖ Provide large print t	ext	❖ Assign	n sign language	interpreter	* C	Organize the class	*	Organize the class
discussion	 Prepare the lecture in Brail format Organize the class roarrangement to be actrainees Write short notes on board using large text Make sure the luminor light of class room is Use normal tone of the Encourage trainees to lecture in audio format 	com seating coessible to the black/white ct osity of the kept voice o record the	to be contact Make light of the contact of the con	sure the luminos f class room is k uce new and rel ularies hort and clear se emphasis on visu	ye to eye sity of the sept levant entences ual lecture ion of the	a a tr s S a tr tr tr f c	oom seating arrangement to be accessible to rainees Speak Loudly Ensure the attention of the rainees Present the ecture in video ormat Ensure the		room seating arrangement to be accessible for wheelchairs users. Facilitate and support the trainees who have severe impairments to take note Provide Orientation of the physical feature of the work shop
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ARKA KR	MU		
	 Provide Orientation on the physical 	time	attention of the
	feature of the work shop	 Present the lecture in video 	trainees
	 Summarize main points 	format	
		❖ Summarize main points	

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ARRA RR I	PMO			THE PART HE				
Demonstration	*	Conduct close follow up	*	use Sign language interpreter	*	Illustrate in clear	*	Facilitate and support
	*	Use verbal description	*	Use video recorded material		& short method		the trainees having
	*	Provide special attention in the	*	Ensure attention of the trainees	*	Use Video		severe upper limbs
		process of guidance	*	Provide structured training		recorded material		impairment to operate
	*	facilitate the support of peer	*	Show clear and short method	*	Ensure the		equipments/ machines
		trainees	*	Use gesture		attention of the	*	Assign peer trainees to
	*	Prepare & use simulation	*	Provide tutorial support		trainees		assist
				(if necessary)	*	Provide tutorial	*	Conduct close follow
						support		up
						(if necessary)	*	Provide tutorial support
								(if necessary
Group	*	Facilitate the integration of trainees	*	Use sign language interpreters	*	Facilitate the	*	Introduce the trainees
discussion		with group members	*	Facilitate the integration of		integration of		with their peers
	*	Conduct close follow up		trainees with group members		trainees with		
	*	Introduce the trainees with other	*	Conduct close follow up		group members		
		group member	*	Introduce the trainees with other	*	Conduct close		
	*	Brief the thematic issues of the		group member		follow up		
		work			*	Introduce the		

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			trainees with other
			group member
			❖ Inform the group
			members to speak
			Loudly
Exercise	❖ Conduct close follow up and	 Conduct close follow up and 	❖ Conduct close ❖ Assign peer trainees
	guidance	guidance	follow up and
	 Provide tutorial support if 	Provide tutorial support if	guidance hours if necessary
	necessary	necessary	❖ Provide tutorial
	provide special attention in the	provide special attention in the	support if
	process	process/practical training	necessary
		Introduce new and relevant	❖ provide special
		vocabularies	attention in the
			process/ practical
			training
	prepare the assignment questions	Use sign language interpreter	❖ Provide briefing
Individual	in large text/Brail	Provide briefing /orientation on	/orientation on the

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assignment	 Encourage the trainees to prepare 	the assignment	assignment	
	and submit the assignment in large	 Provide visual recorded material 	Provide visual	
	texts/Brail		recorded material	
	Make available recorded			
	assignment questions			
	 Facilitate the trainees to prepare 			
	and submit the assignment in soft			
	or hard copy			

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Interview		Use sign language interpreter	Speak Loudly	Use written
		 Ensure or conform whether 	 Using sign language 	response as an
		the proper communication was	interpreter if necessary	option for the
		conducted with the trainee		trainees having
		through the service of the sign		speech challenges
		language interpreter		
		 Use short and clear 		
		questioning		
		 Time extension 		
Written	❖ Prepare the exam in large texts/Brail	Prepare the exam using short	❖ Prepare the exam	 Use oral response
test	 Use interview as an option if 	sentences, multiple choices,	using short sentences,	as an option to give
	necessary	True or False, matching and	multiple choices, True	answer for trainees
	 Prepare the exam in audio format 	short answers	or False, matching and	having severe uppe
	 Assign human reader 	 Avoid essay writing 	short answers if	limb impairment
	(if necessary)	 Time extension 	necessary.	❖ Time extension for
	❖ Time extension			trainees having

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ARRA				severe upper limb
				impairment
Demonstrat	❖ Brief the instruction or provide them in	Use sign language interpreter	 Provide activity based 	❖ Provide activity
ion/Observ	large text/Brail	Brief on the instruction of the	assessment	based assessment
ation	Time extension	exam	 Brief on the instruction 	❖ Conduct close follow
		Provide activity-based/	of the exam	up
		practical assessment method	❖ Use LOud voice	❖ Time extension
		Time extension	❖ Time extension	

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ASSESSMENT CRITERIA:

LO1. Identify data to be collected

- Specific requirements of the data to be collected are determined by reading work instructions.
- Materials or tools required for data collected are obtained, and where necessary, calibrated.
- Difficulties that may be encountered in collecting the data are identified and advice sought from the supervisor if needed.
- Advice about proposed data collection is communicated to others as required.
- Checks are made to determine whether notices relating to site quarantine are in effect and, where required, site quarantine procedures are followed.

LO2. Record Poultry farm data

- Data recording systems are determined
- Poultry farm data is recorded in the correct format and to meet specific requirements.
- Records are legible, accurate and complete

LO3. Present and store Poultry farm data

- Poultry farm data is presented in the correct format and to meet specific requirements.
- Poultry farm data sheets are stored according to enterprise procedures.
- analyze and interpret production data
- Poultry farm data is downloaded or entered into a computer where required, using specified formats and applications.





Annex: Resource Requirements

MODULE CODE: AGR PLP2 M06 0120 MODULE TITLE: Identifying Basic Farm Record

Item No.	Category/Item	Description/ Specifications	Quantity	Recommended Ratio (Item: Learner)
A.	Learning Materials			
1.	TTLM	Prepared by trainer	1	1:25
2.	Textbooks	poultry husbandry hand books	5	1:5
3.	Reference Books	Poultry production manuals	1	1:25
3.1	Journals/Publication/Mag azines	Joneson,2015,5 th edition	5	1:5
В	Learning Facilities & Infrastructure			
4.	Lecture Room	8*10m	1	1:25
B.	Library	Standard size	1	1:25
1.	Consumable Materials			
2.	Paper	A4	1	1:1
3.	Pencil/pen	HP/ lexi brand	1	1:1
D	Tools and Equipment			
1.	Computer	Del/hp	5	1:5
2.	Video camera	Digital	5	1:5
3.	CD	RWR	25	1:1
4	DVD	Compacted disc	25	1:1

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AIMA IM	11.10			
5	Flip chart	N <u>o</u>	5	1:5
	Tools and equipment			
6	Sensitive balance	0-1kg		1-to-10
7	Thermometer	Analog /digital	5	1:5

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LEARNING MODULE -07

TVET-PROGRAMME TITLE: Poultry Production for short term

Training

MODULE TITLE: Developing Business Practice

MODULE CODE :- AGR PLP2 M07 0120

NOMINAL DURATION:-45 Hrs

MODULE DESCRIPTION: This module covers knowledge, skills and attitude required to establish a business operation from a planned concept. It includes researching the feasibility of establishing a business operation, planning the setting up of the business, implementing the plan and reviewing operations once commenced, customer handling, developing and maintaining business relationships.

At the end of the module, the trainee will be able to:

- LO.1 Identify business opportunities and business skills
- LO.2 Plan for the establishment of business operation
- LO.3 Implement business development plan
- **LO.4** Review implementation process and take corrective measures
- LO.5. Establish contact with customers and clarify needs of customer
- LO.6. Develop and Maintain Business Relationship

MODULE CONTENTS:

LO.1 Identify business opportunities and business skills

- 1.1 Concept of paradigm shift and means of divergent thinking
- 1.2 Strategies to look beyond the boundaries
- 1.3 Unusual business opportunities
- 1.4 Feasibility of business skills and personal attributes
- 1.5 Problems as a pivotal source of business opportunity.
- 1.6 Feasibility study of specialist and relevant parties
- 1.7 Impact of emerging or changing technology on business

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- 1.8 Assessing practicability of business opportunity in line with
 - 1.8.1. business risks
 - 1.8.2. returns
 - 1.8.3. personal preferences
 - 1.8.4. resources available
- 1.9 Revising business plan

LO.2 Plan for the establishment of business operation

- 2.1 Determining and documenting organizational structure and operations
- 2.2 Developing and documenting procedures
- 2.3 Securing financial backing
- 2.4 Business legal and regulatory requirements
- 2.5 Determining human and physical resources
- 2.6 Recruitment and procurement strategies

LO.3 Implement business development plan

- 3.1 Obtaining Physical and human resources
- 3.2 Establishing operational unit
- 3.3 Discussing and understanding Simulations on the development plan.
- 3.4 Implementation manual
- 3.5 Marketing the business operation
- 3.6 Developing and implementing monitoring process
- 3.7 Maintaining Legal documents, recording and updating
- 3.8 Negotiating and securing contracts with relevant people
- 3.9 Options for leasing/ownership of business premises

LO.4 Review implementation process and take corrective measures

4.1 Developing and implementing review process

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- 4.2 Identifying improvements in business operation
- 4.3 Implementing and monitoring improvements

LO.5. Establish contact with customers and clarify needs of customer

- 5.1. Persuasion strategies
- 5.2. Enterprise policies and procedures for customer handling
- 5.3. Maintenance of welcoming customer environment
- 5.4. Greeting customer warmly
- 5.5. Providing Information to satisfy customer needs
- 5.6. Gathering information on customers and service history
- 5.7. Maintenance of customer data
- 5.8. Assessing customer needs
- 5.9. Documenting customer details
- 5.10. Negotiations in a business-like and professional manner..
- 5.11. Maximizing benefits for all parties in
 - 5.11.1 negotiation through use of established techniques
 - 5.11.2 establishing long term relationships
- 5.12. communicating results of negotiations to appropriate colleagues and stakeholders
- 5.13. Opportunities to maintain regular contact with customers

LO.6. Develop and Maintain Business Relationship

- 6.1. Describing features and benefits of products/services
- 6.2. Discussing alternative sources of information/advice
- 6.3. Seeking, reviewing and acting upon Information needed pro-actively
- 6.4. Honoring agreements
- 6.5. Making adjustments to agreements with customers & colleagues
- 6.6. Nurturing relationships through regular contact

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6.7. Effective interpersonal and communication styles

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ARRA RR PMO LEARNING METHODS:

For None	Reas	onable Adjustment for Tra	inees with Disability (T	WD)
Impaired Trainees	Low Vision and Blind	Deaf	Hard of hearing	Physical impairment
Lecture	❖ Provide large print text	 Assign sign language 	Organize the class	❖ Organize the class
discussion	Prepare the lecture in	interpreter	room seating	room seating
	Audio/video & in Brail	❖ Arrange the class	arrangement to be	arrangement to be
	format	room seating to be	accessible to	accessible for
	❖ Organize the class room	conducive for eye to	trainees	wheelchairs users.
	seating arrangement to	eye contact	 Speak loudly 	❖ Facilitate and support
	be accessible to trainees	❖ Make sure the	❖ Ensure the	the trainees who have
	❖ Write short notes on the	luminosity of the	attention of the	severe impairments on
	black/white board using	light of class room is	trainees	their upper limbs to
	large text	kept	❖ Present the lecture	take note
	Make sure the luminosity	❖ Introduce new and	in video format	❖ Provide Orientation on
	of the light of class room	relevant vocabularies	❖ Ensure the	the physical feature of
	is kept	❖ Use short and clear	attention of the	the work shop
	 Use normal tone of voice 	sentences	trainees	

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Encourage trainees to	❖ Give emphasis on
record the lecture in	visual lecture and
audio format	ensure the attention
Provide Orientation on	of the trainees
the physical feature of the	❖ Avoid movement
work shop	during lecture time
 Summarize main points 	❖ Present the lecture in
	video format
	❖ Summarize main
	points

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ARRA RR PMO		-	IVET HE	
Demonstration	❖ Conduct close follow up	❖ use Sign language	Illustrate in clear &	Facilitate and support
	 Use verbal description 	interpreter	short method	the trainees having
	❖ Provide special attention	Use video recorded	❖ Use Video	severe upper limbs
	in the process of	material	recorded material	impairment to operate
	guidance	Ensure attention of	Ensure the	equipments/ machines
	❖ facilitate the support of	the trainees	attention of the	❖ Assign peer trainees to
	peer trainees	Provide structured	trainees	assist
	❖ Prepare & use simulation	training	*	❖ Conduct close follow
		Show clear and short	rovide tutorial	up
		method	support	*
		Use gesture	(if necessary)	rovide tutorial support
		*		(if necessary
		rovide tutorial		
		support		
		(if necessary)		
Group	❖ Facilitate the integration •	❖ Use sign language	❖ Facilitate the	❖ Introduce the trainees
discussion	of trainees with group	interpreters	integration of	with their peers
	members	❖ Facilitate the	trainees with group	

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ARRA RR PMO			
	Conduct close follow up	integration of members	
	Introduce the trainees	trainees with group 💠 Conduct	close
	with other group member	members follow up	
	❖ Brief the thematic issues	❖ Conduct close follow ❖ Introduce	the
	of the work	up trainees with	other
		Introduce the group member	r
		trainees with other . Inform the	group
		group member members to s	speak
		loudly	
Exercise	❖ Conduct close follow up	❖ Conduct close follow ❖ Conduct	close
	and guidance	up and guidance follow up	and . Use additional nominal
	Provide tutorial support if	❖ Provide tutorial guidance	hours if necessary
	necessary	support if necessary	utorial
	provide special attention	❖ provide special support	if
	in the process	attention in the necessary	
		process/practical	pecial
		training attention in	the
		❖ Introduce new and process/ pra	actical
			1

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relevant vocabularies training

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	ASSESSMENT METHODS:				
Interview		Use sign language interpreter	❖ Speak loudly ❖ Use written response		
		Ensure or conform whether the	❖ Using sign language as an option for the		
		proper communication was	interpreter if necessary trainees having speech		
		conducted with the trainee through	challenges		
		the service of the sign language			
		interpreter			
		 Use short and clear questioning 			
		Time extension			
Written test	❖ Prepare the exam in	Prepare the exam using short	Prepare the assessment Use oral response as		
	large texts/Brail	sentences, multiple choices, True or	using short sentences, an option to give		
	❖ Use interview as an	False, matching and short answers	multiple choices, True or answer for trainees		
	option if necessary	Avoid essay writing	False, matching and having severe upper		
	❖ Prepare the	Time extension	short answers if limb impairment		
	assessment in audio		necessary.		
	format		trainees having severe		
	 Assign human reader 		upper limb impairment		

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	(if necessary)			
	Time extension			
_				
Demonstration	Brief the instruction or	Use sign language interpreter	Provide activity based	Provide activity based
/Observation	provide them in large	❖ Brief on the instruction of the	assessment	assessment
	text/Brail	assessment	❖ Brief on the instruction of	❖ Conduct close follow
	Time extension	❖ Provide activity-based/ practical	the assessment	up
		assessment method	❖ Use loud voice	❖ Time extension
		❖ Time extension	Time extension	

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ASSESSMENT CRITERIA:

LO.1 Identify business opportunities and business skills

- The concept of paradigm shift and means of divergent thinking are elaborated and strategies to look beyond the boundaries are discussed.
- Unusual business opportunities are identified.
- Feasibility on business skills and personal attributes is assessed and matched against those perceived as necessary for a particular business opportunity.
- New behavior on how problems can be the pivotal source of business opportunity is elaborated and experience taken.
- Assistance sought with feasibility study of specialist and relevant parties is discussed, as required.
- Impact of emerging or changing technology, including e-commerce, on business operations is evaluated.
- Practicability of business opportunity is assessed in line with perceived business risks,
 returns sought, personal preferences and resources available.
- Business plan is revised in accordance with the identified opportunities.

LO.2 Plan for the establishment of business operation

- Organizational structure and operations are determined and documented.
- Procedures are developed and documented to guide operations.
- Financial backing is secured for business operation.
- Business legal and regulatory requirements are identified and compiled.
- Human and physical resources required to commence business operation are determined.
- Recruitment and procurement strategies are developed.

LO.3 Implement business development plan

- Physical and human resources are obtained to implement business operation.
- Operational unit is established to support and coordinate business operation.
- Simulations on the development plan are well discussed and understood.

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- Implementation manual is discussed and understood.
- Marketing the business operation is undertaken.
- Monitoring process is developed and implemented for managing operation.
- Legal documents are carefully maintained and relevant records kept and updated to ensure validity and accessibility.
- Contractual procurement rights for goods and services including contracts with relevant people are negotiated and secured as required in accordance with the business plan.
- Options for leasing/ownership of business premises are identified and contractual arrangements completed in accordance with the business plan.

LO.4 Review implementation process and take corrective measures

- Review process is developed and implemented for implementation of business operation.
- Improvements in business operation and associated management process are identified.
- Identified improvements are implemented and monitored for effectiveness.

LO.5. Establish contact with customers and clarify needs of customer

- Persuasion strategies are developed and discussed.
- Welcoming customer environment is maintained and Customer is greeted warmly according to enterprise policies and procedures.
- Information is provided to satisfy customer needs.
- Information on customers and service history is gathered for analysis.
- Customer data is maintained to ensure database relevance and currency.
- Customer needs are accurately assessed against the products/services of the enterprise.
- Customer details are documented clearly and accurately in required format.
- Negotiations are conducted in a business-like and professional manner.
- Benefits for all parties are maximized in the negotiation through use of established techniques and in the context of establishing long term relationships.

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- The results of negotiations are communicated to appropriate colleagues and stakeholders within appropriate timeframes.
- Opportunities to maintain regular contact with customers are identified and taken-up.

LO.6. Develop and Maintain Business Relationship

- Features and benefits of products/services provided by the enterprise are described/ recommended to meet customer needs.
- Alternative sources of information/advice are discussed with the customer.
- Information needed is pro-actively sought, reviewed and acted upon to maintain sound business relationships.
- Agreements are honored within the scope of individual responsibility.
- Adjustments to agreements are made in consultation with the customer and information shared with appropriate colleagues.
- Relationships are nurtured through regular contact and use of effective interpersonal and communication styles.





Annex: Resource Requirements

	MODULE TITLE Developing Business Practice MODULE CODE :- AGR PLP2 M07 0120				
Item No.	Category/Item	Description/ Specifications	Quantity	Recommended Ratio (Item: Trainee)	
A.	Learning Materials				
1	TTLM.	Prepared TTLM	25	1:1	
2	Textbook	Entrepreneurship books	25	1:1	
3	Reference book	Library genesis	website	1;1	
В.	Learning Facilities & Infrastructure				
1	Lecture room / work shop	8m*10m	1	1:25	
2	Library	10m*10m	1	1:25	
C.	Consumable Materials				
1	Copy paper	A4 size	5 rim	1:5	
D.	Tools and Equipment				

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The Trainers (who developed the curriculum)

No	Name of Trainer	Qualification	Region	College	Phone
1	Shibiru Tekle	Bsc	Oromia	Woliso PTC	0962156660
					0993403851
2	Seid Endris	Bsc	Amhara	W/Siheen PTC	0921049247
3	Ibrahim Abebe	Bsc	Addis Ababa	Misrak PTC	0920793625

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