

MANAGE POULTRY GROWERS

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UNIT DESCRIPTION:

This unit specifies the competencies required to manage poultry growers. It involves sanitizing grower house, setting-up grower house equipment and structures, transferring poultry to growers' house, feeding growing poultry, managing growers house litter, poultry house micro climate and growers' health. It also includes managing biosafety measures and monitoring growing poultry.

ELEMENTS AND PERFORMANCE CRITERIA

ELEMENT These describe the key outcomes which make up workplace function.	PERFORMANCE CRITERIA These are assessable statements which specify the required level of performance for each of the elements. <i>Bold and italicized terms are elaborated in the range.</i>
1. Sanitize poultry equipment and structures	1.1 Litter removal and cleaning of grower house is performed as per poultry production guidelines 1.2 Litter disposal is performed as per work place procedures 1.3 Sanitization procedures are performed as per manufacturer's guidelines.
2. Set-up grower house equipment and structures	2.1 Physical requirements for the grower house are determined as per poultry production guidelines in the PPM 2.2 Grower house <i>equipment and structures</i> are installed timely following suitable patterns recommended in the PPM
3. Transfer poultry to growers' house	3.1 Growers transfer precautions are determined as per animal welfare guidelines 3.2 Stocking density is determined based on grower spacing requirements 3.3 Grower poultry are moved based on age and PPM guidelines with due regard to their welfare

	3.4 Non-performing growers are culled as per work place practices and PPM guidelines
4. Feed growing poultry	<p>4.1 Type and form of poultry feed is determined and acquired based on flock age and work place procurement procedures</p> <p>4.2 Feeding tools and equipment are identified and gathered as per poultry production guidelines.</p> <p>4.3 Amount of grower feed is determined and weighed based on grower flock feeding requirements</p> <p>4.4 Feeding and watering equipment are prepared based on their condition, position and flock size</p> <p>4.5 Grower feeding frequency is determined based on guidelines in the PPM</p> <p>4.6 Grower feed and water is dispensed according to amount of weighed feed and water requirements</p>
5. Manage growers house litter	<p>5.1 Grower house litter is identified, sourced and placed based on type of house structure, production system, suitability, cost and availability</p> <p>5.2 Grower poultry litter is raked periodically based on its physical conditions</p> <p>5.3 Spoilt litter is replaced based on recommendations in the PPM</p> <p>5.4 Litter maintenance precautions are observed as per poultry production guidelines</p>
6. Manage poultry house micro climate	<p>6.1 Micro climate assessment is performed as per PPM guidelines, animal welfare regulations and work place requirements</p> <p>6.2 Micro climate is moderated as per poultry environmental requirements, PPM guidelines and farm practice</p>
7. Manage Growers health	<p>7.1 Vaccination schedule is identified based on veterinarian advice</p> <p>7.2 Vaccination schedule is implemented timely according to veterinary regulations</p> <p>7.3 Post-vaccination behavior is monitored as per farm</p>

	<p>practices</p> <p>7.4 Grower vaccination records are kept as per work place requirements</p> <p>7.5 Grower deworming schedule is identified and executed as veterinary regulations and work place practices</p> <p>7.6 Vermin control method is selected according to the type of vermins identified</p> <p>7.7 Vermins are controlled as per the type of method selected, vermicide manufacturer's guidelines and poultry production manual</p> <p>7.8 Predator control method is selected according to the type of predators identified</p> <p>7.9 Predators are controlled as per the type of method selected and manufacturer's guidelines of control drug or trap.</p>
8. Manage biosafety measures	<p>8.1 Bio-safety measures are implemented as per design, PPM and farm practices</p> <p>8.2 Bio-safety conformity is monitored as per design, PPM and farm practices</p>
9. Monitor growing poultry	<p>9.1 Performance assessment equipment and tools are identified based on poultry production requirement.</p> <p>9.2 Performance assessment is carried out as per PPM guidelines and work place procedures</p> <p>9.3 Culling criteria are designed based on chick performance, stocking capacity and work place procedures</p> <p>9.4 Growers are culled according to designed culling criteria and work place procedures.</p>

RANGE

This section provides work environments and conditions to which the performance criteria apply. It allows for different work environment and situations that will affect performance.

Variable	Range
1. Equipment and	<ul style="list-style-type: none"> Perches

structures may include but not limited to:	<ul style="list-style-type: none"> • Thermometer • Curtains
2. Feeding tools and equipment may include but not limited to:	<ul style="list-style-type: none"> • Grower feeder • Drinker • Feed scoop
3. Prepared may include but not limited to:	<ul style="list-style-type: none"> • Removing foreign material • Removing spoilt left-over feed • Washing • Drying Positioning in right pattern and height
4. Litter maintenance precautions may include but not limited to:	<ul style="list-style-type: none"> • Avoid water spillages • Repair of leaking roofs • Proper ventilation

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit of competency.

Required skills

The individual needs to demonstrate the following skills:

- Communication
- Culling
- Numeracy
- Handling
- Observation
- Poultry handling
- Vaccination

Required knowledge

The individual needs to demonstrate knowledge of:

- Bio-safety measures
- Environmental physiology of poultry
- Poultry behavior
- Poultry Growth & development
- Grower feeding

- Grower vaccination schedule
- Poultry performance monitoring
- Poultry handling
- Scales and measurement

EVIDENCE GUIDE

This provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge and range

1. Critical Aspects of Competency	Assessment requires evidence that the candidate: 1.1 Set grower house structures and equipment appropriately and timely 1.2 Provided growers with correct amount of feed and water 1.3 Maintained litter in good dry condition 1.4 Moderated grower house micro-climate appropriately 1.5 Observed bio- safety measures 1.6 Followed vaccination schedule as planned 1.7 Put in place vermin and predators control measures.
2. Resource Implications	The following resources MUST be provided: 2.1 Assessment location / Layer farm with grower flock 2.2 Personal Protective Equipment and Apparel
3. Methods of Assessment	Competency may be assessed through: 3.1 Observation 3.2 Written tests 3.3 Oral questioning
4. Context of Assessment	Competency may be assessed on the job, off the job or during industrial attachment. Off the job assessment must be undertaken in a closely simulated workplace environment.
5. Guidance information for assessment	Holistic assessment with other units relevant to the industry sector, workplace and job roles is recommended.