



Australian Government

Department of Education, Employment and Workplace Relations

AHCPLY301A Artificially inseminate birds

Release: 1

AHCPLY301A Artificially inseminate birds

Modification History

Not Applicable

Unit Descriptor

Unit descriptor	This unit covers the process of artificially inseminating birds and defines the standard required to: prepare for artificial insemination; sterilise equipment and prepare hygienic worksite prior to insemination procedures; prepare semen and inseminate birds; handle birds humanely and safely; clean up work areas and equipment; record data.
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Application of the Unit

Application of the unit	This unit is likely to be carried out under minimal supervision, with checking only related to overall progress.
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Licensing/Regulatory Information

Not Applicable

Pre-Requisites

Prerequisite units		

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Not Applicable

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA

ELEMENT	PERFORMANCE CRITERIA
1. Prepare for insemination of birds	1.1. Timing of insemination process is scheduled to ensure availability of resource and personnel requirements. 1.2. Hygiene factors are identified and appropriate procedures followed. 1.3. Semen supplies are accessed from appropriate and reliable sources and stored appropriately. 1.4. Birds are prepared to maximise success of insemination program. 1.5. Suitable personal protective equipment and clothing is selected, used and maintained according to OHS and enterprise requirements.
2. Inseminate birds	2.1. Semen is prepared according to accepted industry and enterprise practices. 2.2. Insemination equipment is sterile and clean, and applied according to industry code of practice. 2.3. Intended recipient is correctly identified. 2.4. Intended recipient is restrained and prepared for insemination to optimise results according to recognised handling techniques that minimise stress. 2.5. Insemination is carried out in sterile conditions and according to appropriate hygiene procedures. 2.6. Data on insemination process is accurate and recorded according to enterprise requirements.
3. Clean work area and equipment	3.1. Waste is disposed of according to recommended hygiene standards and environmental policy. 3.2. Work area is cleaned to industry standards and returned to operating order. 3.3. Restraints are cleaned and returned to safe and operational order. 3.4. Birds are safely returned to designated area according to enterprise requirements and instructions.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

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

REQUIRED SKILLS AND KNOWLEDGE**Required skills**

- sterilise equipment and prepare hygienic worksite prior to insemination procedures employ safe work practices and comply with animal welfare
- clean up work site and safely dispose of waste
- use literacy skills to read, interpret and follow organisational policies and procedures, follow sequenced written instructions, record accurately and legible information collected and select and apply procedures for a range of tasks
- use oral communication skills/language competence to fulfil the job role as specified by the organisation, including questioning techniques, active listening, clarifying information and consulting with supervisors as required
- use numeracy skills to estimate, calculate and record routine workplace measures
- use interpersonal skills to work with and relate to people from a range of cultural, social and religious backgrounds and with a range of physical and mental abilities.

Required knowledge

- working knowledge of enterprise bird production plan
- basic bird breeding principles
- bird health and abnormalities
- semen thawing techniques
- preparation requirements for artificial insemination of birds
- bird behavioural characteristics
- handling techniques, restraint methods and when to use them
- enterprise and industry identification system for birds
- relevant State/Territory legislation, regulations and codes of practice with regard to workplace OHS and bird welfare
- legislative and regulatory controls with regard to artificial insemination
- enterprise and industry policies with regard to artificial insemination and recording and reporting routines.

Evidence Guide

EVIDENCE GUIDE

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Overview of assessment

Critical aspects for assessment and evidence required to demonstrate competency in this unit

The evidence required to demonstrate competency in this unit must be relevant to workplace operations and satisfy holistically all of the requirements of the performance criteria and required skills and knowledge and include achievement of the following:

- prepare for artificial insemination
- sterilise equipment and prepare hygienic worksite prior to insemination procedures
- prepare semen and inseminate birds
- handle birds humanely and safely
- clean up work areas and equipment and record data.

Context of and specific resources for assessment

Competency requires the application of work practices under work conditions. Selection and use of resources for some worksites may differ due to the regional or enterprise circumstances.

Range Statement

RANGE STATEMENT

The range statement relates to the unit of competency as a whole.

Birds may include:

- the artificial insemination of:
 - chickens
 - turkeys
 - other commercially produced birds.

Unit Sector(s)

Unit sector

Poultry

Co-requisite units

Co-requisite units		

Competency field

Competency field	
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