

Modular Course on

**GOOD ANIMAL HUSBANDRY PRACTICES
WITH A FOCUS ON ORGANIC
PRODUCTION OF NATIVE
CHICKEN**

MODULE 1: WELCOME TO THE COURSE

Module Title	GOOD ANIMAL HUSBANDRY PRACTICES WITH A FOCUS ON ORGANIC PRODUCTION OF NATIVE CHICKEN
Program Outcomes	<i>Promote sound agricultural technologies to various clients and in the human resources development in agriculture</i>
Course Outcomes	<i>Recognize the significance of integrating the concepts of good animal husbandry practices (GHAP) and the standards of organic agriculture (OA) for the commercial production of native chicken</i>
Course Output	<i>A hard copy of the Manual of Operation on Good Animal Husbandry Practices for Commercial Production Organic Native Chicken</i>
Learning Activities	<ul style="list-style-type: none">- Self-learning pace through the online learning management system- Instructor-led learning process through the blended form (online + face to face) of teaching
Learning Materials	<ul style="list-style-type: none">- Online flipbooks- Audio-video book- Recorded lectures
Resources needed	<i>Online connectivity, online flipbooks, and multimedia equipment</i>
Assessment techniques	<i>Online examination</i>
Certificate of completion	<i>The certificate of completion for Theoretical Learning</i>

Elements toward Competency	Topics	Performance Indicator
MODULE 2: HOW GAHP AND OA BE INTEGRATED WITH COMMERCIAL PRODUCTION OF PHILIPPINE NATIVE CHICKEN		
<i>Synthesize relevant information to understand the emerging global agricultural scenario</i>	<ol style="list-style-type: none">1. Purpose and scope2. Concepts of good animal husbandry practices3. Standards for organic agriculture4. Minimum requirements for conversion to organic agriculture<ul style="list-style-type: none">o Meat productso Eggso Simultaneous conversion	<i>Discuss the importance of the concepts of GHAP and OA in the commercial production of native chicken</i>
MODULE 3: FARM COMPONENTS		
<i>Prepare necessary information and layout the facilities of the farm</i>	<ol style="list-style-type: none">1. Farm location/site selection2. Site history3. Farm layout4. Housing and free-range area5. Storage facilities6. Holding pen for culled chickens	<i>Write information on how the farm was acquired and why the proposed project should be situated on it</i> <i>Make a drawing of the layout for the positioning of facilities</i>
MODULE 4: ANIMAL FEEDING AND WATERING		
<i>Choose the necessary inputs needed in the farm that are GAHP and OA compliance</i>	<ol style="list-style-type: none">1. Production inputs<ul style="list-style-type: none">o Feeds and feedingo Alternatives to the synthetic chemical for feed formulationo Green feeds2. Minimum requirements to include substances in the organic native chicken production	<i>Identify the sources of inputs needed in the production activities</i> <i>List the substances allowed for organic native chicken production</i>

<i>Elements toward Competency</i>	<i>Topics</i>	<i>Performance Indicator</i>
	3. Lists of banned chemicals and veterinary products 4. Quality and treatment of water	<i>Knows how to treat the water source for better output quality</i>
MODULE 5: BIOSECURITY AND FLOCK HEALTH MANAGEMENT		
<i>Prepare a procedural technique on how to manage the native chickens' flock health for minimal infection rate</i>	1. Introduction of new stocks 2. Surveillance and control of diseases 3. Laboratory testing 4. Protocols when the disease is suspected 5. Prevention and treatment of infections 6. Biosecurity measures <ul style="list-style-type: none"> ○ Definition ○ The basic concept of biosecurity at the farm level ○ Diseases of concern and route of transmission ○ Biosecurity requirements for farm facilities and procedures <ul style="list-style-type: none"> A. Operational biosecurity procedures <ul style="list-style-type: none"> - Farm standard - Personnel standard - Operational standard B. Emergency biosecurity procedures <ul style="list-style-type: none"> - Facility standards - Personnel standards - Operational standards 	<i>Identify protocols in admitting the new stocks on the farm</i> <i>Create methodologies in handling the detected infections in the farm</i> <i>Write a biosecurity manual for the native chicken farm</i>
MODULE 6: FARM MANAGEMENT		
<i>Formulate strategies in managing both the personnel and operation of the farm</i>	1. Managing a farm <ul style="list-style-type: none"> ○ The standard concepts of management ○ The reality in operating a farm 2. Personnel 3. Competency 4. Hygiene and sanitation <ul style="list-style-type: none"> ○ Personal hygiene ○ General farm hygiene 5. Animal husbandry management or welfare <ul style="list-style-type: none"> ○ Space requirement ○ Breeds and breeding ○ Birds identification 6. Transport and storage 7. Recordkeeping 8. Egg management 9. Waste management 10. Pest control	<i>Recognize the differences between the standard and actual management practices</i> <i>Prepare the job descriptions of the personnel to employ in the project</i> <i>Plan for the animal husbandry practices fitted with GAHP and OA</i>
MODULE 7: MINIMUM REQUIREMENT FOR LABELING AND CONSUMER INFORMATION		
<i>Recognize the necessary procedures in the labeling and tracing of the products</i>	1. Labeling 2. Traceability and recordkeeping	

<i>Elements toward Competency</i>	<i>Topics</i>	<i>Performance Indicator</i>
MODULE 8: WRITING OF FARM OPERATIONS MANUAL		
<i>Write a Farm Operations Manual</i>	<ol style="list-style-type: none"> 1. The Farm <ul style="list-style-type: none"> ○ Location ○ Contact details ○ Policies and position statements <ul style="list-style-type: none"> - Good animal husbandry practices - PNS for organic animal production ○ Farm and site history ○ Layout and location of housing, storage areas, holding pen for culled chickens, and other facilities 2. Farm management <ul style="list-style-type: none"> ○ Organizational chart ○ Personnel name, job description, and competencies ○ Hygiene and sanitation ○ Recordkeeping ○ Transporting and storing of inputs and products 3. Farm operations following the standard of GHAP and OA <ul style="list-style-type: none"> ○ Allowable type of feeds and medications for sick chickens ○ Housing design and positioning of equipment <ul style="list-style-type: none"> - Stocking density ○ Handling of new and infected chickens <ul style="list-style-type: none"> - Introduction of new stocks - Disease prevention and control - Laboratory testing ○ Biosecurity measures 4. Farm safety <ul style="list-style-type: none"> ○ Occupational health and safety instruction ○ Emergency procedures 5. Appendices 	<i>Present the written Farm Operations Manual</i>