



Republic of the Philippines  
**OFFICE OF THE SECRETARY**  
Elliptical Road, Diliman  
1100 Quezon City

## MEMORANDUM ORDER

No. 03  
Series of 2023

**SUBJECT : UPDATED GENERAL IMPLEMENTING GUIDELINES ON THE OPERATIONALIZATION OF THE UNIFIED NATIONAL ARTIFICIAL INSEMINATION PROGRAM (UNAIP) FOR LARGE RUMINANTS**

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In support of the Genetic Improvement Program of the Department of Agriculture, the Unified National Artificial Insemination Program (UNAIP) for Large Ruminants provides the strategic direction in the current AI delivery system efforts. It harmonizes the undertakings of the national livestock agencies (NLAs) namely the Bureau of Animal Industry (BAI) as lead, with the National Dairy Authority (NDA), Philippine Carabao Center (PCC), and DA Regional Field Offices (DA-RFO) as collaborators in carrying out efficient and effective livestock breeding programs using the Artificial Insemination technology.

### **I. The AI Structure**

#### **1. At the National Level**

##### **1.1 The Advisory Committee**

Chair: DA Assistant Secretary for Livestock  
Members: BAI Director  
NDA Administrator  
PCC Executive Director  
UPLB-DTRI Director  
1 Representative each from the DA-recognized Beef Cattle, Dairy Cattle and Buffalo Raisers' Federations/Associations

##### Functions:

- 1.1.1. Set and formulate policies and guidelines pertinent to the implementation of the UNAIP

- 1.1.2. Create and establish an enabling environment for program implementation in terms of financial resources and administrative requirements.
- 1.1.3. Institute effective linkage and appropriate coordination among DA-NLAs, LGUs, academe and industry players.
- 1.1.4. Assess and review program implementation and endorse reports to the Secretary.

## **1.2 UNAIP Management Group (UNAIP-MG)**

Composed of the following as appointed by the heads of the DA NLAs:

- |          |                                     |
|----------|-------------------------------------|
| Chair:   | UNAIP National Program Manager, BAI |
| Members: | One (1) BAI Representative          |
|          | Two (2) PCC Representatives         |
|          | Two (2) NDA Representatives         |
|          | One (1) NLP Representative          |
|          | National Program Coordinator, BAI   |

Functions:

- 1.2.1 Leads the formulation of long-term plans, programs, and activities for large ruminants in the Philippines for the approval of the Assistant Secretary for Livestock/Secretary.
- 1.2.2 Identify operational and other activities for the implementation of UNAIP.
- 1.2.3 Prepare and submit for approval the annual UNAIP plans with corresponding budgetary requirement based on the program manual.
- 1.2.4 Review existing activities, programs and policies related to AI activities.
- 1.2.5 Oversee and monitor the development and implementation and recommend measures to ensure success of the program.
- 1.2.6 Analyze all AI data and information consolidated by the UNAIP Secretariat.

### **1.3 UNAIP Secretariat**

With the National Program Coordinator from the BAI as head, shall perform the following functions and responsibilities:

Functions:

- 1.3.1 Consolidate all AI data and information
- 1.3.2 Prepare periodic reports and other documentation as often as required
- 1.3.3 Manage the database of accredited AI technicians
- 1.3.4 Coordinate with the BAI, NDA, PCC and RFOs to perform validation and monitoring of calf drop on the field level
- 1.3.5 Facilitate the Artificial Insemination Cash Calf Incentive (AICCI)
- 1.3.6 Coordinate all activities and meetings with the different Program stakeholders as instructed by the UNAIP-MG
- 1.3.7 Perform other activities pursuant to the approved plans of the UNAIP

The UNAIP Secretariat composition shall also include one (1) member each from NDA and PCC.

## **2. At the Regional Level**

### **2.1 UNAIP Regional Management Group (UNAIP-RMG)**

Chair:	Regional Executive Director (RED)
Members:	Regional Technical Director for Operations (RTD, Operations) Regional Livestock Program Coordinator Regional AI Coordinator (RAIC) NDA Breeding Coordinator PCC AI Coordinator

Functions:

- 2.1.1 Cascade all plans and strategies for implementation in the provincial and municipal level.
- 2.1.2 Review current activities on AI and formulate plans in operationalizing the UNAIP in respective areas of jurisdiction.
- 2.1.3 Oversee and monitor program implementation.
- 2.1.4 Submit, through the Regional Executive Director, periodic reports as often as required.

### **3. At the Provincial Level**

#### **3.1 UNAIP Provincial Management Group (UNAIP-PrMG)**

Chair:	Provincial Veterinary/Agriculture Officer (PVO/PAO)
Members:	Provincial Livestock Program Coordinator Provincial AI Coordinator (PAIC)

#### Functions:

- 3.1.1 Implement the AI program in the provincial/city/municipal level.
- 3.1.2 Collect and validate reports from AI technicians and submit to RAIC/NDA PDO-BC/ PCC AIC.
- 3.1.3 Perform other activities necessary for the implementation of the approved plans of the UNAIP.

## **II. Capability-Building of AI Technicians**

The DA-NLAs will adopt standardized training policies, manuals, materials, modules, and post-training evaluation. The training program shall not be limited to AITs but will also be offered to qualified Cooperative Dairy Technicians (CDT) and Village-based AI Technicians (VBAIT) to ensure continuous learning and delivery of frontline services for the sustainability of the program.

## **III. Collaboration of DA and DILG LGUs**

For the successful implementation of the UNAIP, a Memorandum of Agreement between the Department of Agriculture (DA) and the Department of Interior and Local Government (DILG) will be executed stating among others, the commitment of both parties to the Program.

The DA counterpart are the following:

- Training of the technicians – DA NLAs
- Cattle and Water Buffalo semen supply - DANLAs
- Liquid Nitrogen Tanks (storage and field tank), AI guns and paraphernalia
- Information Materials

The LGU counterpart are the following:

- Full-time AI Technicians
- Travel expenses
- Liquid Nitrogen supply

- Liquid Nitrogen Tanks (storage and field tank), AI guns and paraphernalia

#### **IV. Incentive and Award Component**

The UNAIP shall institutionalize incentives and recognition mechanisms for deserving AI Technicians. An incentive will be given on results wherein for every calf born alive, five hundred pesos (Php 500.00) will be given to LGU AITs, CDTs, and VBAITs who are duly accredited by UNAIP.

On awards and recognition, the top performing technicians shall be nominated and selected by the UNAIP-MG and annually awarded with plaques of recognition and additional cash incentives. The winning Outstanding AIT will be given P20,000.00 while the winning Outstanding PAIC and RAIC will each be given P10,000.00.

#### **V. Adoption of Advances in Reproductive Technologies**

Aside from natural estrus, the use of timed AI and other advanced reproductive technologies shall be implemented to meet the goal and objectives of the program.

#### **VI. Semen and Liquid Nitrogen Production and Distribution Scheme**

The DA-NLAs shall provide the national requirement of the program based on the approved annual targets and roadmap. With the existing DA-established mini liquid nitrogen (LN2)-generating plants, the program shall explore all other possible sources of LN2.

#### **VII. Research Component**

Research output to improve reproductive efficiency will be aggressively implemented. Research funds to support AI shall be drawn from internal and external sources.

This Memorandum Order shall take effect immediately upon signing and supersedes all orders, memoranda and other issuances inconsistent herewith.

Done this 14th day of January 2023.

**DOMINGO F. PANGANIBAN**  
Senior Undersecretary

