



## **World Migratory Bird Day (WMBD) Small Grant 2024 Final Report**

**WMBD Small Grant 2024 for East Asian–Australasian Flyway**

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## Section 1. EVENT INFORMATION

### 1.1 Contact Information

Full name:	Furqan Furqan
Name of the organisation:	Sekretariat Lembaga Wali Nanggroe (En: Secretariat of the Wali Nanggroe Institution)
Name(s) of the division and/or position:	Planning Officer
Type of organisation — Government/NGO/Private Sector/Other:	Government
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Additional contact person (optional):	
Date of submission:	December 04, 2024

Please check if you permit to reveal your personal contact information on EAAFP website.

### 1.2 Event Title

Farmer Training: Together Protecting Insects and Birds with Eco-Friendly Pesticides
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### 1.3 Event Location

Name of country:	Indonesia
Name of city:	Aceh Besar
Name of event place/venue:	PGRI building venue

### 1.4 Event Type

Public awareness activity: Socialization and outreach to farmers to farmers	<input checked="" type="checkbox"/>
Field trip (e.g. Birdwatching):	<input type="checkbox"/>
Monitoring/survey:	<input type="checkbox"/>
Educational activity: Seminar and training for farmers	<input checked="" type="checkbox"/>
Festival:	<input checked="" type="checkbox"/>
Media event (e.g., press release):	<input type="checkbox"/>
Movie/video:	<input type="checkbox"/>
Training Farmers on Environmentally Friendly Pesticides	<input checked="" type="checkbox"/>

### 1.5 Event Organiser

Yayasan Lampoh Balai Center, Aceh Besar
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### 1.6 Target Audience

Target Audience Types	Number Participated
People working as farmers	± 50
Student from Universitas Abulyatama	± 20

### 1.7 Outcome

1. Farmers gain a better understanding of the negative impacts of chemical pesticides on the environment, human health, soil, water, and local wildlife.
2. Awareness is raised about the importance of addressing pollution from market and household waste that affects agriculture and local ecosystems.
3. Agricultural practices that enhance soil health, increase biodiversity, and maintain ecosystem balance are implemented.
4. Dependence on chemically-based agricultural products is replaced by more natural and environmentally friendly solutions.
5. Formation of active farmer networks to share knowledge, experiences, and best practices in sustainable farming.
6. Collaborative initiatives emerge to conserve local ecosystems and enhance the sustainability of the agricultural sector.

### 1.8 Any additional comments? (Optional)

We extend our deepest gratitude to the East Asian-Australasian Flyway Partnership (EAAFP) and World Migratory Bird Day (WMBD) 2024 for their funding support in facilitating our initiatives. This assistance has been invaluable in realizing efforts to conserve migratory birds and the environment through education, research, and community empowerment activities. We sincerely hope that this collaboration will continue in the future, enabling us to contribute even more to protecting migratory birds, their habitats, and the ecosystems that sustain their lives. Once again, thank you for your support and trust.

## Section 2. EVENT PROGRAMME

The training event will be held at Gedung PGRI, targeting farmers from the Lambaro rice fields in Ingin Jaya District, Aceh Besar Regency, to address the pressing environmental challenges faced by the local agricultural community. The Lambaro rice fields are severely impacted by contamination from market waste and household waste due to their proximity to Pasar Lambaro and residential areas. Additionally, intensive use of chemical pesticides in the fields further harms the environment, threatening local biodiversity, including insect and bird populations. The training will focus on providing participants with knowledge and practical skills on transitioning to eco-friendly alternatives to chemical pesticides, promoting safer agricultural practices that minimize environmental harm. This event aligns with the theme of World Migratory Bird Day, "Protect Insects, Protect Birds," and aims to empower farmers to adopt sustainable farming practices that contribute to the protection of the local ecosystem, safeguard biodiversity, and ensure the long-term health of both the land and wildlife.

The training for farmers aims to enhance the understanding and skills of farmers in Lambaro rice fields, Aceh Besar, regarding the use of eco-friendly pesticides as an alternative to chemical pesticides. By involving a competent speaker, Uly Fitria, S.K.M., M.K.M., Lecturer at the Faculty of Public Health, Universitas Abulyatama, it is hoped that the farmers will gain in-depth knowledge about the impacts of chemical pesticides and the benefits of natural pesticides, as well as apply more environmentally friendly sustainable agricultural practices.

### Section 3. SHORT SUMMARY REPORT

As part of the World Migratory Bird Day (WMBD) 2024 celebration, two key activities were carried out to raise awareness and support the conservation of local ecosystems, particularly in relation to environmentally friendly farming practices in the Lambaro rice fields, Aceh Besar. These activities, Seminar and Training and Socialization and Extension, focused on reducing the use of chemical pesticides, which have a negative impact on the environment and biodiversity.

#### Activity 1: Seminar and Training



**Figure 1.** Group Photo

The first activity, the Seminar and Training, was held on December 3, 2024, at Gedung PGRI, with farmers from the Lambaro rice fields and students from Universitas Abulyatama in attendance. The main speaker for this event was Ulyy Fitria, S.K.M., M.K.M., a lecturer from the Faculty of Public Health at Universitas Abulyatama, with expertise in public health and the environment. Here is the rundown of the activities:

Indonesian Time (WIB)	Activity	Description
07.30 – 08.00	Registration and Welcome	Participant registration and welcome by the committee, Furqan
08.00 – 08.30	Opening	Opening remarks by the Director Yayasan Lampoh Balai, Muharil, introduction, and objectives of the training
08.30 – 10.00	Session 1: Impact of Chemical Pesticides on the Environment and Health	Speaker: Ulyy Fitria, S.K.M., M.K.M. Explanation of the impacts of chemical pesticides and discussion on environmental contamination
10.00 – 10.30	Coffee Break	Short break

10.30 – 12.00	Session 2: Eco-Friendly Pesticide Alternatives	Speaker: Ulyy Fitria, S.K.M., M.K.M. Introduction and demonstration of natural pesticides and eco-friendly pest control methods
12.00 – 13.30	Lunch Break	Lunch
13.30 – 14.30	Session 3: Discussion and Q&A	Discussion and Q&A with the speaker
14.30 – 14.45	Coffee Break	Short break
14.45 – 16.00	Closing	Summary of the training, certificate distribution, closing remarks, and thank you



**Figure 2.** Participant registration for the event.



**Figure 3.** The speaker for the 2024 WMBD event from Universitas Abulyatama

The seminar provided farmers with an understanding of the negative impacts caused by the use of chemical pesticides, such as soil degradation, water contamination, and health risks, as well as threats to local ecosystems. Additionally, farmers were introduced to eco-

friendly alternatives, such as natural pesticides, sustainable pest management techniques, and farming practices that can improve soil health and long-term crop productivity.



**Figure 4.** Participants of the WMBD event at Aceh Besar

During the training session, participants had the opportunity to practice safe and environmentally friendly pest management techniques. This hands-on approach aimed to equip farmers with the knowledge and skills needed to reduce their reliance on harmful chemicals and adopt more sustainable and safe farming practices for their health, the environment, and biodiversity.



**Figure 5.** Coordination with relevant stakeholders regarding activity implementation permits



**Figure 6.** Discussion with the indigenous community of Ingin Jaya, Aceh Besar

### **Activity 2: Socialization and Extension**

The second activity, Socialization and Extension, took place from October 12 to October 31, 2024. This activity was designed to reach more farmers in the area surrounding the Lambaro rice fields who could not attend the seminar and training due to distance, transportation, or time constraints. Socialization and extension efforts were conducted directly in the field, with extension teams visiting farmers at their homes or agricultural areas.



**Figure 7.** Documentation of outreach activities to the indigenous community in Ingin Jaya, Aceh Besar

Through this activity, the extension team provided information about the negative impacts of chemical pesticide use on the environment, human health, and biodiversity.

Farmers were also informed about alternative pest management methods, such as using natural materials or farming techniques that reduce pesticide dependency. This extension activity also covered waste management, teaching farmers how to manage agricultural waste and household trash that can pollute the surrounding environment. This is particularly important because the Lambaro rice fields are also affected by waste from nearby markets and residential areas, which can degrade soil and water quality.



**Figure 8.** Discussion and coordination of program activities with indigenous community leaders

The socialization and extension activity aimed to provide farmers with a deeper understanding of the importance of protecting the local ecosystem and transitioning to more eco-friendly farming practices. It is hoped that this initiative will foster collective awareness among farmers about the need to protect the environment, which, in turn, supports the conservation of migratory birds and insects that are crucial to the food chain.

## Conclusion



**Figure 9.** The condition of the rice fields in Inginjaya, Aceh Besar

These two activities, Seminar and Training and Socialization and Extension, are part of the effort to raise awareness about the importance of environmentally friendly pest management and provide farmers with the knowledge they need to shift from chemical pesticides to safer and more sustainable alternatives. These activities align with the theme "*Protect Insects, Protect Birds*" of the World Migratory Bird Day 2024 celebration, which aims to protect local ecosystems and promote sustainable agriculture that is safe for humans, wildlife, and the environment.

## Section 4. EXPENDITURE REPORT

Fuel for vehicles during counseling and socialization surveys	100 USD
Transportation costs for the speaker and/or staff	100 USD
Speaker Fee (1 persons)	100 USD
Printing handouts, educational materials, and other supplies	150 USD
Coffee breaks and lunch for participants	350 USD
Consumption during counseling and socialization surveys activities	200 USD
<b>Total</b>	<b>1000 USD</b>
Funding from other sources:	
- Rent PGRI Hall Building by Yayasan Lampoh Balai Center	In kind
- Agricultural equipment, rice seeds, fertilizers by Yayasan Lampoh Balai Center	

## Section 5. PHOTO, VIDEO & MATERIALS:

Name of Photo/Video	Activity Photo
Photo/Video	(We attach it in the email)
Credit Info	@furqan
Link	-