



IMPLEMENTATION OF ARRANGEMENT



Between
Research Center for Innovation and Feed Technology
Universitas Syiah Kuala (USK), Indonesia
and
Institute of Tropical Agriculture and Food Security
Universiti Putra Malaysia (UPM), Malaysia

Pursuant to the broader cooperation as stated in the Letter of Intent (LOI) between the Research Center for Innovation and Feed Technology, Universitas Syiah Kuala (USK), Indonesia, and the Institute of Tropical Agriculture and Food Security (ITAFoS), Universiti Putra Malaysia (UPM), both PARTIES hereby agree to implement the following collaborative activity.

Scope of Collaboration: This Implementation Arrangement outlines a joint research activity involving the laboratory analysis of feed samples at ITAFoS, UPM. The research specifically focuses on fermented citronella residues, aiming to enhance nutritional evaluation and feed quality assessment. The collaboration is also expected to facilitate knowledge exchange and reinforce institutional ties between USK and UPM.

Provisions: The objectives of this collaboration are as follows: (1) to conduct laboratory analyses of feed samples using advanced laboratory facilities and technical expertise at ITAFoS, (2) to analyze proximate and fiber fraction parameters of fermented citronella residue samples, and (3) to encourage knowledge exchange and research collaboration between USK and UPM researchers.

Terms and Conditions:

This collaborative activity will be conducted over a period of two weeks, from August 10 to August 24, 2025, at the laboratory facilities of ITAFoS, UPM.

Roles and Responsibilities:

Research Center for Innovation and Feed Technology, USK:

- Prepare and deliver the feed samples along with relevant background information.
- Bear the costs related to travel and daily expenses of the visiting researcher(s).
- Ensure adherence to ethical and institutional guidelines for research activity.

Institute of Tropical Agriculture and Food Security, UPM:

- Provide access to laboratory facilities and relevant technical assistance.
- Conduct laboratory analyses as outlined in the collaboration scope.
- Support data interpretation and facilitate scientific discussions based on findings.

Funding and Resource Sharing:

Each party shall be responsible for their own expenses and resource management. Joint research funding proposals may be pursued by mutual agreement when deemed beneficial.

This Implementation Arrangement is prepared and agreed upon to support the mutual objectives of both institutions and to strengthen academic and scientific collaboration.

Signed on behalf of:

Research Center for Innovation and Feed Technology, Universitas Syiah Kuala

Prof. Dr. Ir. Samad M.Sc., IPU
Head
Date: 18/8/2025

Date: _____

Institute of Tropical Agriculture and Food Security, Universiti Putra Malaysia

Prof. Dr. Anjas Asmara Samsudin
Director

Date: _____

22 August 2025
PROFESSOR DR. ANJAS ASMARA B. SAMSUDIN
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