

Bureau of Plant Industry OPERATIONAL PROCEDURES

Document No.: BPI-QMS-BIOTECH-OP10

Preparation Date: June 14, 2024

Revision No.: 0

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Operating Unit: BIOTECHNOLOGY OFFICE

Subject: OPERATIONALIZATION OF REFUGE SAMPLING AND TESTING TO MONITOR THE COMPLIANCE TO THE IMPLEMENTATION OF INSECT RESISTANCE MANAGEMENT (IRM) STRATEGY FOR BT CORN TARGETING ASIAN CORN BORER (ACB)

1.0 Objective

To monitor compliance of technology developer/licensee on refuge requirements and issuance of laboratory analysis result or certification as per the implementation of the Insect Resistance Management (IRM) Strategy for Bt Corn targeting Asian Corn Borer (ACB).

2.0 Scope

This procedure covers the process from the request of technology developers/licensees to conduct refuge sampling, laboratory testing, and issuance of results.

3.0 Definition of Terms

Laboratory Analysis Result or

Certification

a document released by the Biotechnology Office which indicates the results of the refuge testing

Primary sample

a portion taken from the seed lot during one single sampling action

Refuge Sampling and Testing Request

Form

a document submitted by technology developers that indicates the

sampling schedule and sampling plan non-Bt seeds intended to be planted with Bt crops (corn plants) to produce susceptible insects that can mate with any resistant insects emerging from

the Bt crop

Refuge testing

Refuge seeds

laboratory testing conducted to check the presence of Bt proteins from collected samples to verify if the lot is applicable to be used as a refuge for Bt

corn

Sampling

the process of obtaining a

Seed lot

representative sample from a lot specified quantity of seed that is

physically and uniquely identifiable

Approved by: GERONIMA P. EUSEBIO

OIC- Head, Biotechnology Office

Date Signed: JULY 1, 2024

Prepared by: JAN NE B MANTILLA SRT III, Biotechnology Office



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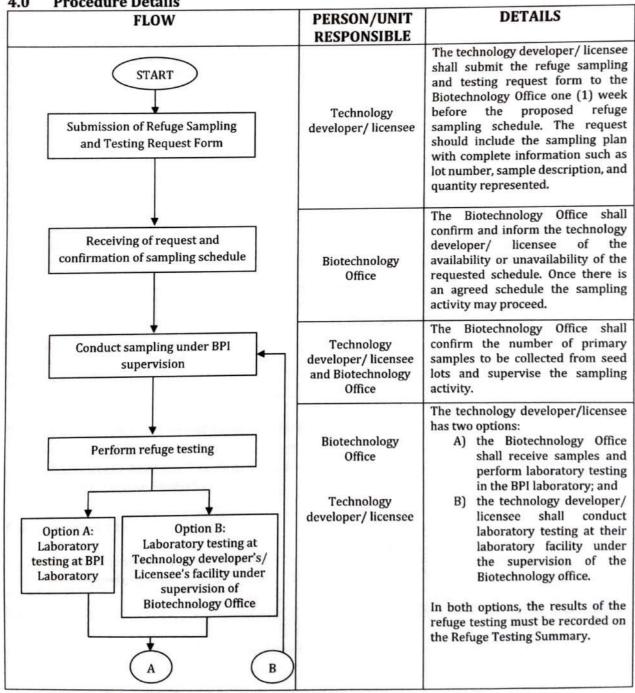
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Procedure Details



Prepared by: JANINE B. SRT III, Biotechnology Office Approved by: GERONIMA P. EUSEBIO

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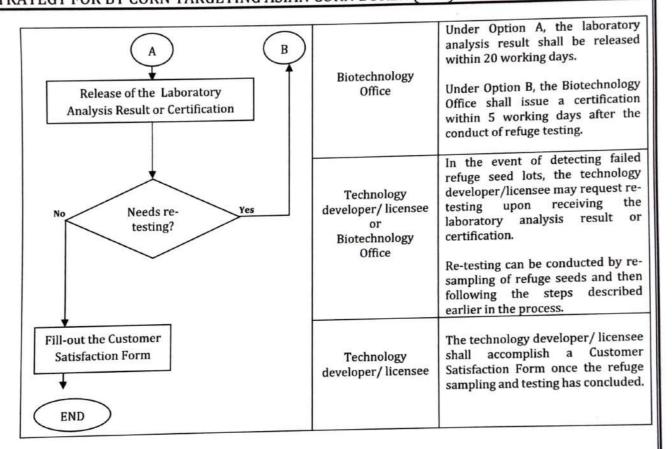
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5.0 Forms Used and Records Generated

Refuge Sampling and Testing Request Form Laboratory Analysis Result or Certification Refuge Testing Summary

6.0 References

DA Memorandum Circular No. 2 series of 2014 Memorandum Order dated January 10, 2024



7.0 Effectivity

The effectivity date of this document shall be five (5) working days after the approval by the authorized signatory.

Prepared by: JANINE B. MANTILLA SRT III, Biotechnology Office Approved by: GERONIMA P. EUSEBIO
OIC- Head, Biotechnology Office

Date Signed: JULY 1,2024