



Lab Accession Number: T23\_02597

PHEL Report Number: 177176

This report replaces Report Number: 177095

Reason for Regeneration: Additional Testing - Molecular testing has been added

Postal Address: PO Box 2095, Shortland St, Auckland 1140, New Zealand

Physical Address: 231 Morrin Road, St. John's, Auckland, New Zealand

Email: Specimen.ReceptionTamaki@mpi.govt.nz

## Replacement Report OVERSEAS INSECT COLLECTION

### CUSTOMER SUPPLIED INFORMATION

Submitter Reference: -

Consignment No:

Investigation Case No:

Investigator Name:

Collector: Ben Boyd

Collector Phone No:

Collection date: 28/06/2023

Country of Origin: Vanuatu

Submitter Comments: Larvae collected in Rangorango at "Jimmy's farm" from maize

The customer has supplied host and sample reference information

Submitter: Ben Boyd

Submitter Phone No: -

Submitter email: ben.boyd@mpi.govt.nz

Submitter Address:

Site: Vanuatu, Efate

Sample 1: *Zea mays* (maize, sweetcorn) - Caterpillar (dead)

Sample Reference: -

### ENTOMOLOGY LABORATORY RESULTS

#### IDENTIFICATIONS

*Spodoptera frugiperda* (Lepidoptera: Noctuidae)

#### COMMON NAME

N/A

#### IDENTIFIER

Ben Boyd

Life state	Life stage	Number Found	Sex
Alive	Larva	4	Unknown

These larvae are fall armyworm. They have been confirmed using morphological and molecular identifications. The molecular result was a 100% match to this species.

E\_MORPH, E\_NAE\_N, E\_PCR\_COI, X\_E\_SEQ\_D



ACCREDITATION No:992

T23\_02597

**Disclaimer:** Results apply to the sample as received. PHEL accepts no responsibility for factors that may influence the testing that occur prior to the receipt of samples. The customer supplied information may affect the validity of results. Contact the laboratory if further information is required. This report may not be reproduced except in full.

Tests indicated as not accredited are outside the scope of the laboratory's accreditation.

SIGNED

**Entomology**



Ben Boyd (Senior Scientist - Entomology)

Dates of Laboratory Activities

03/07/2023 to 06/07/2023

Test Method Descriptions	#performed	IANZ Accredited
E_MORPH PHEL Entomology - ACCREDITED Morphological Identification of Invertebrates	1	Yes
E_NAE_N PHEL Entomology - Nucleic Acid Extraction	1	No
E_PCR_COI PHEL Entomology - PCR: General - COI	1	No
X_E_SEQ_D Entomology - Sequencing (Direct) (By External Supplier)	1	No



Tests indicated as not accredited are outside the scope of the laboratory's accreditation.

**ACCREDITATION No:992**

T23\_02597

**Disclaimer:** Results apply to the sample as received. PHEL accepts no responsibility for factors that may influence the testing that occur prior to the receipt of samples. The customer supplied information may affect the validity of results. Contact the laboratory if further information is required. This report may not be reproduced except in full.