



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

**National Agricultural Genotyping Center
1616 Albrecht Blvd. N
Fargo, ND 58102**

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

A handwritten signature in black ink, appearing to read 'R. Douglas Leonard Jr.', is positioned above a horizontal line.

R. Douglas Leonard Jr., VP, PILR SBU

Expiry Date: 13 July 2023

Certificate Number: AT-2482



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory
quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

National Agricultural Genotyping Center

1616 Albrecht Blvd. N
Fargo, ND 58102
Megan O’Neil 701-239-1449
megan.oneil@genotypingcenter.com

TESTING

Valid to: **July 13, 2023**

Certificate Number: **AT-2482**

Biological

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Honey Bees	SOP 5.13 Honey Bee Quantitative (HB-Q) Multiplex Assay	Honey Bees	qPCR
Crop Pathogens and Pests	SOP 5.4 Phytophthora sojae SOP 5.7 Xanthomonas Quantitative (Xvv-Q) SOP 5.8 Goss’s Wilt Quantitative (GW-Q) SOP 5.9 Northern Corn Leaf Blight Quantitative (NCLB-Q) SOP 5.10 Gray Leaf Spot Quantitative (GLS-Q) SOP 5.14 Diplodia Quantitative Assay (DIP-Q) SOP 5.15 Cotton Leafroll Dwarf Virus Assay (CLRDV-Q) SOP 5.16 Wheat Rust Triplex Quantitative (WR-Q) SOP 5.17 SCN/SBCN Duplex Quantitative (SCN-Q) 5.22 Wheat Leaf Blotch Quantitative (WLB-Q) 5.23 Anthracnose Quantitative (CLIND-Q)	Plant Material, Soil	qPCR
Weed Specific Assays	SOP 5.11 Amaranth Species Identification SOP 5.18 Glyphosate Resistance in Palmer amaranth and waterhemp (EPSPS-Copy) SOP 5.19 PPO Resistance in Palmer amaranth and waterhemp (PPO-210)	Plant Material	qPCR
Fermentation	SOP 5.12 Lactic Acid Bacteria Quantitative (LAB-Q)	Corn mash substrates and derivatives	qPCR

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT -2482.



R. Douglas Leonard Jr., VP, PILR SBU

