

Quality Report 2024

Naktuinbouw Laboratories employees perform the tests according to high standards. Our activities comply with various (accreditation) standards. Independent, external organizations assess this.

Accreditations

We are organization-wide NEN-EN-ISO 9001:2015 certified.

In addition, we have the following accreditations for Naktuinbouw Laboratories:

- NEN-EN-ISO/IEC 17025:2017 (L549); for seven laboratory operations
- ISTA Accreditation (NLDL02); for Seed sampling and Seed analyses
- Accreditation 'Approved offshore facility' New Zealand

The specific scope descriptions can be found on the websites of:

- Accreditation Council: www.rva.nl/scope
- ISTA Laboratory Members-Detail: www.seedtest.org

Renewal ISO 9001 certification

The annual audit for the ISO 9001 certification took place in September 2024. The final conclusion of the auditors was clear: positive advice for renewal of the certificate.

Audit accreditation ISO 17025

The Accreditation Council audit for our ISO 17025 accreditation (Testing & Analysis) took place on April 16, 2024. This went well.

Accreditation 'Approved offshore facility' New Zealand

On December 16, 2024, we signed an agreement with the Ministry of New Zealand (MPI) and Clean Fruit Plants. With the accreditation for 'Approved offshore facility' we can send plant material more easily from the Netherlands to New Zealand.

Process assurances

To ensure the reliability of our results, we have a program for process assurances. This consists of first-, second- and thirdline control.

▪ **Firstline control**

Are checks that go with each run / test / stake. In case of deviating control results, results will not be issued.

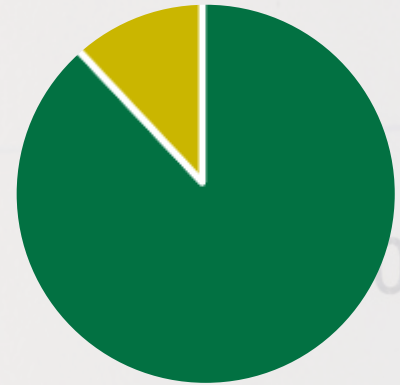
▪ **Second- and thirdline controls: seed health**

Second line control is a method for a laboratory to check the entire process.

Third-line control is a method of comparing the quality of results with other laboratories.

Second- and thirdline control: Seed Health

Seed Health	Number	%
Set	29	100%
Completed	25	86%
Conform	22	88%
Niet-conform	3	12%



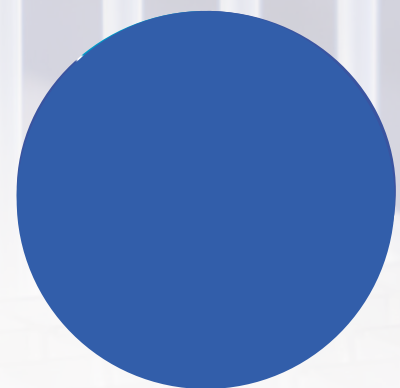
Pathogen	Matrix	PT / BM
CSNV	blad	BM
TRSV, ToRSV	blad	BM
<i>Xanthomonas arborococcol</i> <i>la</i> pv. <i>pruni</i>	Prunus sp.	BM

GSPP

- The ring test for *Clavibacter michiganensis* subsp. *michiganensis* cultivation method was started in 2022 and completed in accordance with the guidelines.
- The ring test for *Clavibacter michiganensis* subsp. *michiganensis* SE-PCR was deployed in 2022 and completed in accordance with the guidelines.

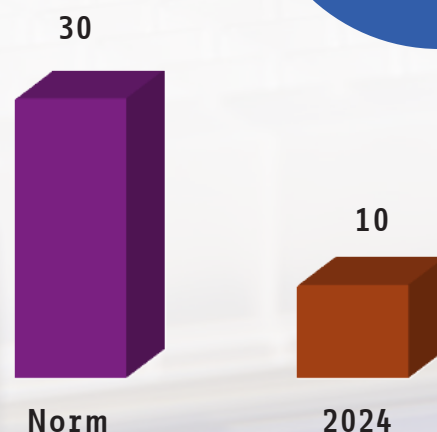
Second- and thirdline control: Seed Analysis

Seed Quality	Number	%
Set	26	100%
Completed	26	100%
Conform	26	100%
Niet-conform	0	0%

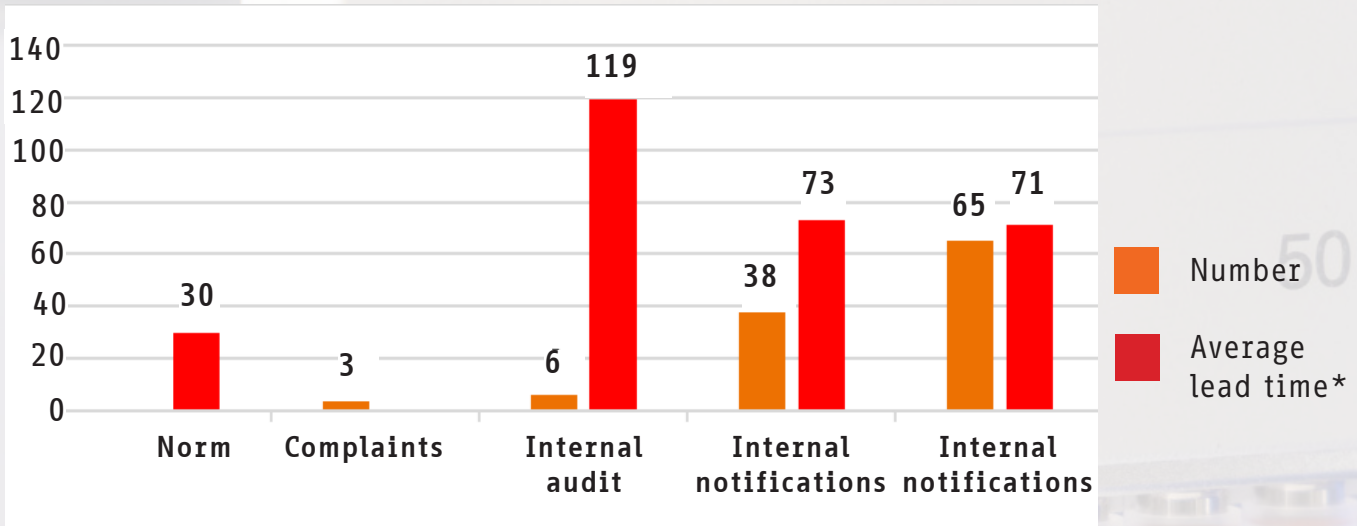


Number of withdrawals

Has a result been reported incorrectly?
 Then we will make a correction.
 The incorrect result is revoked and the
 correct one is reported.



Learning from 'mistakes'



* The lead time is the number of days from deployment to the date of appropriate measures specified and described.

Method development: improved protocols

	Number	%
New protocols	17	5%
Improved protocols	20	6%
Protocol revisions	41	13%
Unchanged	245	76%
Total	323	100%



Customer Satisfaction Servey Naktuinbouw Testing & Analysis

