

QUALITY REPORT 2023

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 six laboratory operations
- ISTA Accreditation (NLDL02); for Seed sampling and Seed analyses

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 April 2023. The final conclusion of the auditors was clear: positive advice for renewal of the certificate.

Process assurances

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

▪ **First-line control**

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

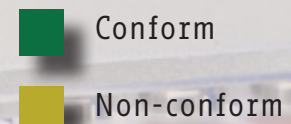
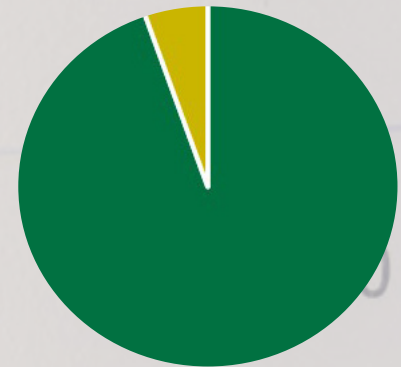
▪ **Second- and third-line controls: seed health**

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.

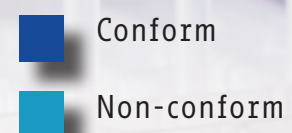
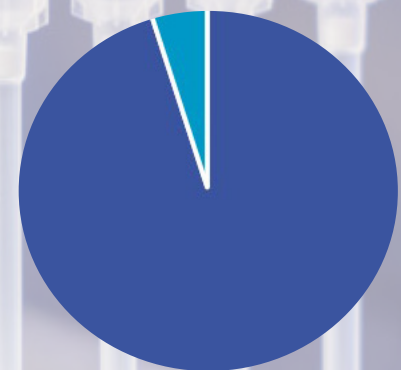
Second- and third-line control: Seed Health

Seed Health	Number	%
Set	22	100%
Completed	18	82%
Conform	17	94%
Non-conform	1	6%



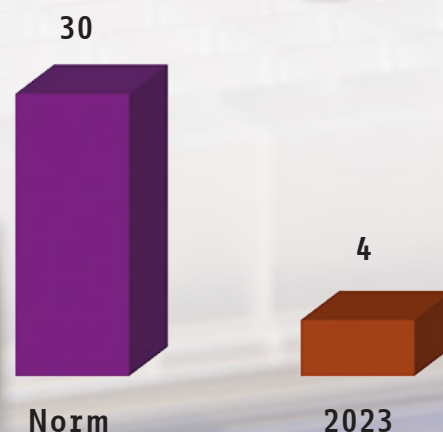
Second- and third-line control: Seed Analysis

Seed Quality	Number	%
Set	42	100%
Completed	41	98%
Conform	38	93%
Non-conform	2	5%

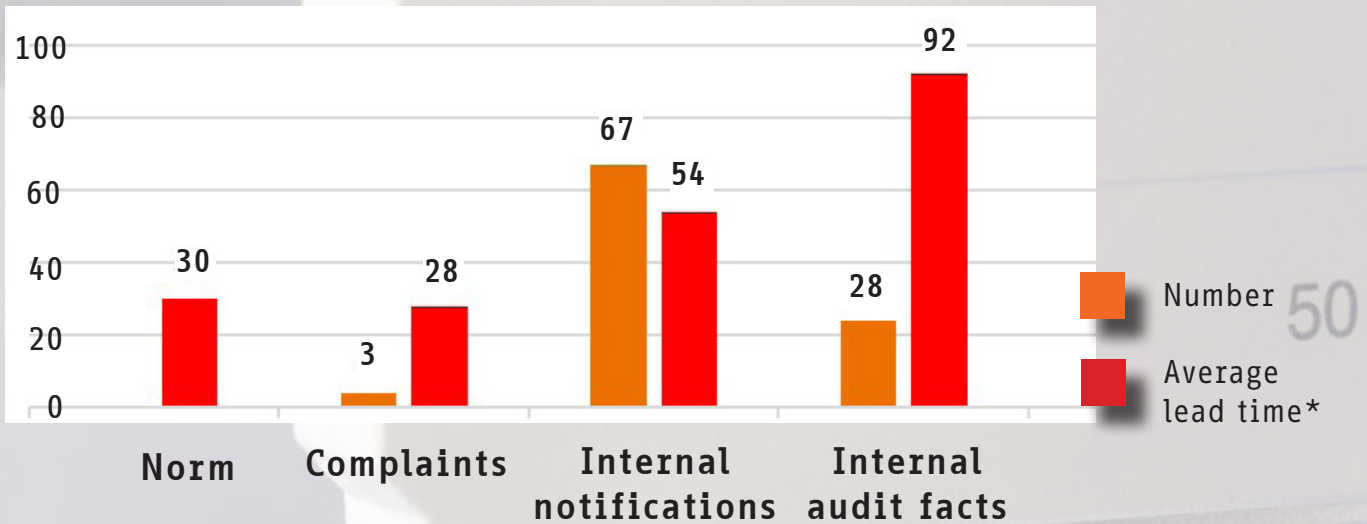


Number of withdrawals

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	5	1,63%
Improved protocols	33	10,78%
Protocol revisions	41	13,40%
Unchanged	227	74,18%
Total	306	100%

