

Naktuinbouw Authorized Laboratories (NAL)

Founded in 1994, to facilitate international seed trade for the horticultural seed industry.

A system for authorization of laboratories from seed companies that sample seeds and part of plants, and are conducting tests on:

Seeds, e.g.:

- Germination
- Usable Plant Tests
- Physical purity / other seeds
- Seed health
- Moisture, TSW

Parts of plants, e.g.:

- Plant health

Results are accepted by:

- www.gspp.eu
- Other Naktuinbouw Authorized Laboratories
- Naktuinbouw
- Dutch PPO NVWA (LEEZ)
- DAFF (Australia)

Conditions

- QMS module
- Sampling module
- Testing module

Training

- Seed analyst course
- Sampler courses (seeds and plants)
- Specific courses (ELISA, PCR, etc.)
- Validation

Protocols

- State-of-the-art
- In-company protocols: validated, peer-reviewed and approved
- Naktuinbouw standard protocol

Proficiency Testing

- Triennial program (for main tests)
- Obligated participation for participants with test in their scope
- In case of a significant deviation: root cause analysis and corrective action
- www.naktuinbouw.com/inspections/erkenningen/nal

Interested / Information ?

- See: www.naktuinbouw.eu
- Authorized companies + their scope
 - NAL Conditions

External Audits

- Conducted annually
- Qualified and experienced auditors and technical experts
- Clear report and nonconformity sheet

Result

- Reliable quality data, essential for company and customer
- NAL Quality certificates can be issued at any time

NAL Authorized Companies

The Netherlands:

- Axia Vegetable Seeds B.V.
- Bayer Holland B.V.
- Bejo Zaden B.V.
- Enza Zaden Seed Operations B.V.
- Germains Seed Technology
- Hazera Seeds B.V.
- Incotec Europe B.V.
- KWS Vegetables Netherlands B.V.
- Nunhems Netherlands B.V.
- Rijk Zwaan Production B.V.
- Syngenta Seeds B.V.
- Takii Europe B.V.

USA:

- Nunhems USA Inc.
- Seminis Vegetable Seeds, Inc.
- HM.Clause Inc.

France:

- Sakata Vegetables Europe S.A.S.
- Vilmorin-Mikado S.A.S.
- HM.Clause S.A.

Israel:

- Hazera Seeds Ltd.

India:

- Nunhems India Private Limited

Germany:

- Enza Zaden Germany GmbH & Co. KG