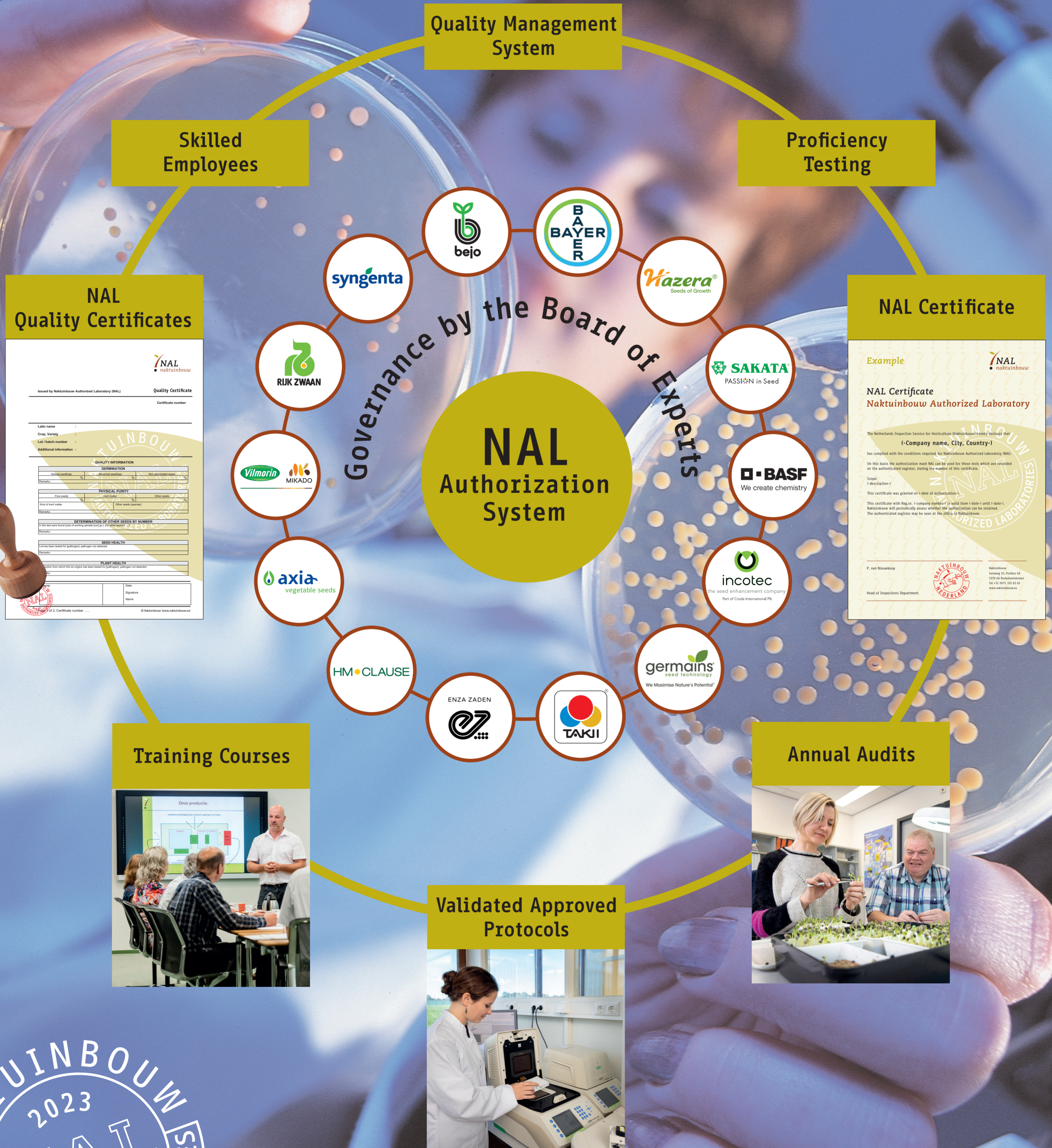


# Naktuinbouw Authorized Laboratories



### NAL Quality Certificates

**Quality Certificate**

Issued by Naktuinbouw Authorized Laboratory (NAL)      Certificate number

Latin name  
Crop, Variety  
Lot / Batch number  
Additional information

QUALITY INFORMATION	
Germination %	Non-germinated seeds %
Physical purity %	Other seeds (specify)
Pure seeds %	Other seeds (specify)
Kind of seed matter	Other seeds (specify)
Remarks	

**DETERMINATION OF OTHER SEEDS BY NUMBER**

If the lot has been tested for germination, physical purity and other seeds, the results should be recorded in the table below.

Number	Quantity	Remarks

**SEED HEALTH**

Lot has been tested for pathogens (pathogen not detected) / Remarks

**PLANT HEALTH**

Plants from which this lot originates have been tested for pathogens (pathogen not detected) / Remarks

Date: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Name: \_\_\_\_\_

Stamp: **QUALITY CONTROL**

Page 2 of 2, Certificate number: \_\_\_\_\_

### NAL Certificate

**Example**

**NAL Certificate**  
Naktuinbouw Authorized Laboratory

The Netherlands Inspection Service for Horticulture (Naktuinbouw) hereby declares that  
**(-Company name, City, Country-)**  
has complied with the conditions required for Naktuinbouw Authorized Laboratory (NAL).

On this basis the authorization mark NAL can be used for those tests which are provided on the authorized register, stating the number of this certificate.

Scope:  
(-description-)

This certificate was granted on (-date of authorization-)

This certificate with Reg.nr. (-company number-) is valid from (-date-) until (-date-).  
Naktuinbouw will periodically assess whether the authorization can be sustained.  
The authorized register may be seen at the office of Naktuinbouw.

F. van Nieuwenkoop  
Head of Inspections Department

Stamp: **NAL AUTHORIZED LABORATORIES**

Address:  
Sintweg 22, Postbus 40  
3720 AA Breda  
Tel: +31 (0)15 251 82 42  
www.naktuinbouw.nl



# 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 Plug Tests
- Physical purity / other seeds
- Seed health
- Moisture, TSW

## Parts of plants, e.g.:

- Plant health

## Results are accepted by:

- [www.gspp.eu](http://www.gspp.eu)
- Other Naktuinbouw Authorized Laboratories
- Naktuinbouw
- Dutch PPO NVWA
- 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 red card: root cause analysis and corrective action
- [www.naktuinbouw.com/vegetable/inspections/quality-plus-systemnal-naktuinbouw-authorized-laboratories](http://www.naktuinbouw.com/vegetable/inspections/quality-plus-systemnal-naktuinbouw-authorized-laboratories)

## Interested / Information ?

See: [www.naktuinbouw.eu](http://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.
- Bejo Zaden B.V.
- Enza Zaden Seed Operations B.V.
- Germaines Seed Technology
- Incotec Europe B.V.
- Monsanto Holland B.V.
- Hazera Seeds 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.  
(a wholly owned subsidiary of Monsanto Company)
- HM.Clause Inc.

### France:

- Sakata Vegetables Europe S.A.S.
- Vilmorin S.A.
- HM.Clause S.A.
- Bayer Seeds S.A.S.

### Israel:

- Hazera Seeds Ltd.

### India:

- Nunhems India Private Limited