



**NATUURLIJK  
HELDER**  
E 602

Product / Soort  
Categorie

IVF1

Handel: 1

**Certificaat**  
Natuurlijk - N/31  
EU-Kwaliteit  
10-Plantengespourt  
ZP, 02  
N 332.163

# Quality from Holland



## Who certifies?

In the Netherlands, fruit trees and fruit tree stocks are inspected and, on a voluntary basis, certified by Naktuinbouw. Naktuinbouw has been appointed as official organisation by the Ministry of Economic Affairs, Agriculture and Innovation. The activities of Naktuinbouw have been established in Dutch law.



Certified material should of course meet the national and international (phytosanitary) requirements. On top of that, certification relates to the following aspects of the production of high quality fruit trees:

- Origin/selection
- Varietal purity
- Varietal identity
- External quality
- Free of viruses
- Free of all other diseases

## Which parties are involved in the producing chain?

**Naktuinbouw Testing facility Horst** – In the Netherlands, virus-free material is developed in Naktuinbouw Testing facility Horst. New varieties that are added to the schedule, so-called candidates – are subjected to an intensive program of heat treatment and tests, and they are kept free of insects. This way, pre-base material suitable for the next step in the propagation system is produced. Virus-free pre-base material is produced in special lice-free screen houses.

**Stichting Vermeerderingstuinen Nederland** – Pre-base material is used to produce base material. According to the Naktuinbouw certification requirements, this activity can be done by any nursery that can comply with the strict requirements for the production of this high quality material. Vermeerderingstuinen Nederland is in fact the only Dutch producer. Special action is taken to guarantee the varietal identity, by using a well-developed system for evaluating and guarding pomological characteristics of all varieties. Vermeerderingstuinen Nederland produces base stocks and certified graftwood and softwood cuttings which can be used by all fruit tree nurseries that want to produce certified virus-free trees.

### **Research by Applied Plant Research (PPO)**

Applied Plant Research (PPO) selects – independently – fruit varieties for future production in temperate climates for parties in the market. It maintains contact with all fruit traders, both national and international. New varieties are offered to Naktuinbouw to check them for viruses and if necessary make them virus-free at an early stage.

### **Registered fruit tree and fruit tree stock nurseries–**

Certified, virus-free trees are produced by nurseries. They voluntarily take part in the certification system of Naktuinbouw. They produce stocks and trees from certified virus-free propagation material. The stocks and trees are usually produced for the professional market, and most certified material is sold internationally.

## Requirements

**Direct lineage** – The most important requirement of the certification diagram is that certified trees must be produced directly from certified stocks and certified softwood or graftwood material of an officially recognized propagation garden.

**Inspections** – The plants are inspected in the field regularly by inspectors of Naktuinbouw. Both the identity and health (virus-free, genetic properties, etc.) and the plant quality are inspected.

**Other** – All material produced according to the Naktuinbouw certification diagram must be produced legally. In case of propagation of a protected breed, permission of the owner is required.

## Policy fire blight

Combating fire blight is regulated in the European Plant Directive. In the EU there are designated free areas. These areas are free of fire blight, and as such should be protected against the introduction of fire blight. Because fire blight occurs in the Netherlands, plants that are susceptible to fire blight (hosts) cannot just be traded to these free areas. To enable the trade in hosts to protected areas, the Netherlands has created buffer zones, which are completely free of fire blight. Within these areas, the requirements for control of fire blight are stricter, and the compliance of these requirements are monitored by Naktuinbouw. Green space, private gardens and fruit are also checked.

## Naktuinbouw certificate

Certified virus-free plants can be recognised by the orange stamp strip. There are different types. Usually it states the below mentioned information. It also mentions information on the type, the interstock (if applicable), stock, sex, variety. Information about the plant passport is also mentioned on the label. Every stamp strip has a unique number that enables one to trace back the plants to the source.



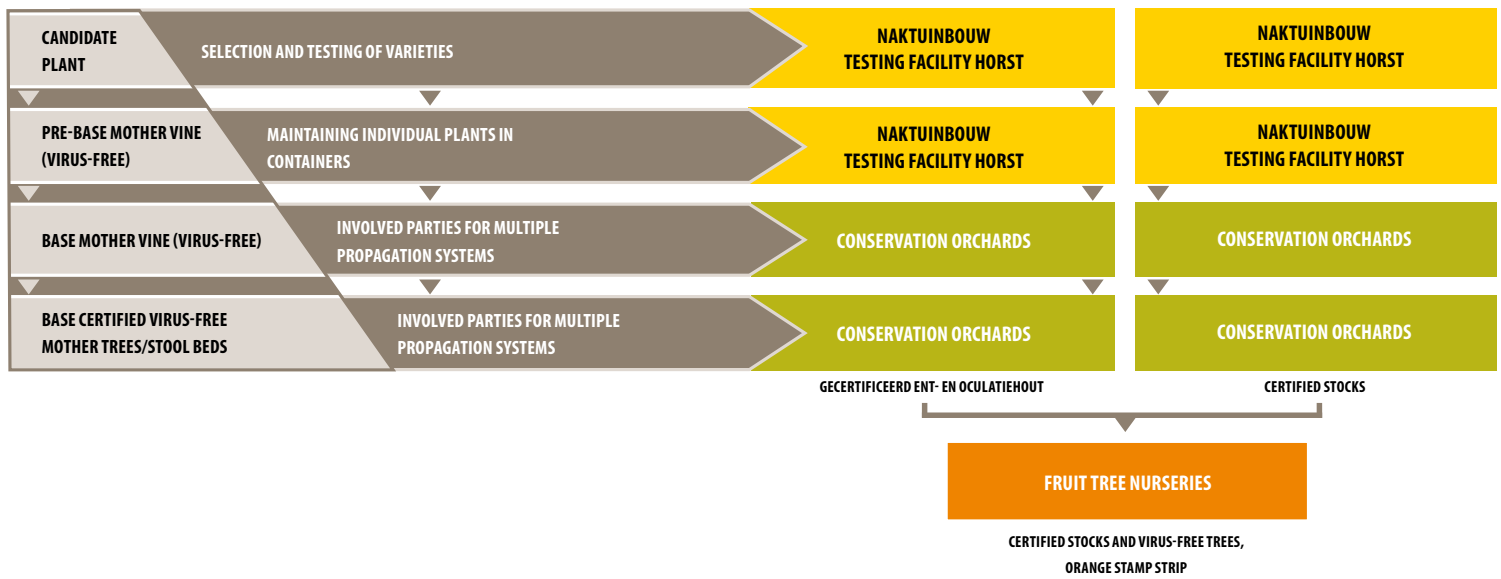
## Advantages of certified plants

Certified plants offer buyers and sellers advantages. Because of the Naktuinbouw stamp strip attached to the plant, high and uniform quality can be easily recognized. For owners of protected species, the system guarantees that their interests are being respected in propagating the material. Fruit growers will get exactly the variety or selection they buy. Certified virus-free plant material lifts the production to another level: the trees grow better and mature faster.

## Large high quality assortment

The Dutch fruit tree nurseries grow an extensive high quality assortment. Growing certified stocks is a great basis for this. In this brochure, we will give you a few examples. If you want a complete overview of all that the Netherlands has to offer when it comes to fruit trees, soft fruit and stocks, ask your Dutch supplier. Important to know: all varieties are virus-free.

## PROPAGATION SYSTEM VIRUS-FREE MATERIAL



Malus M9 T337



Cydonia oblonga



Rubus fruticosus 'Loch Ness'



Rubus idaeus 'Tulameen'



*Prunus avium*  
'Regina'



*Malus domestica*  
'Golden Delicious Reinders'



*Pyrus communis*  
'Conference'



*Prunus domestica*  
'Victoria'

# information

General information about fruit tree nurseries in the Netherlands can be requested from:



**Plant Publicity Holland**

**Plant Publicity Holland (PPH)**

Goudse Rijkweg 1  
2771 AE Boskoop  
Tel. +31 (0) 172 217550  
www.pph.nl  
info@pph.nl



**PPO Fruit (Applied Plant Research PPO (Fruit))**

Lingewal 1  
6668 LA Randwijk  
Tel. +31 (0)488 473702  
www.ppo.wur.nl  
infofruit.ppo@wur.nl



**LTO Nederland**

Postbus 29733  
2502 LT Den Haag  
Tel. 070 3382700  
Fax 070 3382710  
www.lto.nl



**Stichting Vermeerderingstuinen Nederland (Propagation Nurseries The Netherlands)**

*Vermeerderingstuin Horst*  
Tienrayseweg 9a  
5691 NK Horst  
Tel 077 3986969  
Fax 077 3984591  
info@vermeerderingstuinen.nl  
www.vermeerderingstuinen.nl



**Productschap Tuinbouw (Commodity Board for Horticulture)**

Postbus 280  
2700 AG Zoetermeer  
Tel.: 079 3470707  
Fax: 079 3470404  
info@tuinbouw.nl  
www.tuinbouw.nl



**nieuwe Voedsel en Warenwet Autoriteit (nVWA) (Food and Consumer Product Safety Authority)**

www.vwa.nl

General information about fruit tree nurseries in the Netherlands can be requested from:



**Naktuinbouw**

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