



MOLEDA
SUSTAINABLE PLANT HEALTH

neessen
aardbei & asperge planten

Case Study

neessen
aardbei & asperge planten



Company profile

Neessen Aardbei en Aspergeplanten is a large propagator of strawberry and asparagus plants located in Grashoek, in the southeast of the Netherlands. Neessen owns and oversees 9 ha of greenhouses, 10 ha of tray fields, and approximately 200 ha of open nursery fields. Neessen belongs to the Fragaria Holland group along with three other leading plant propagators. Fragaria Holland together with the University of Wageningen are shareholders in Fresh Forward, an industry leader in strawberry genetics. Neessen supplies a variety of strawberry cultivars, plant grades, and plant types including cuttings, plugs, tray plants, waiting-bed plants, frigo and freshly dug plants.

<http://www.neessen.nl/en>



“Plantsauna was the missing link to be sure that I can start with clean plant material. Because I have a Plantsauna at my own nursery location, I am flexible in its use; I don't need to make appointments with anyone, and, my plant material stays at my nursery for sterilization.”

Johan Neessen – Owner and manager – Neessen Aardbei- en Aspergeplanten VOF

Introduction

Neessen has been using the Plantsauna since 2018. Neessen uses mother plants with the highest health status but wants extra insurance to start the new season clean with plants from the previous season. Greenhouses and equipment can be easily disinfected, but until now this has not been possible for plant material. Because of the Plantsauna technology, plant health during the propagation process can now be maximized.

Challenges



Starting with clean planting material



Being flexible in the sterilization process

Product used



Two Plantsauna units, powered by a 38-kW oil steam boiler.

Our Solution

Moleda's Plantsauna is an excellent choice for this sterilization task because of its reliable and stable performance. After the customer heard about our product via the Fresh Forward group, they thoroughly tested the system for two years. After these testing years, they were convinced of the process and purchased two Plantsaunas for their own production of strawberry plants. Our launching customer, Neessen, uses the Plantsauna sterilization method for all their mother plants. During the season, both Plantsaunas run 24/7. We run three treatments per Plantsauna a day, says Johan Neessen, owner of Neessen Aardbei en Aspergeplanten. He treats frigo mother plants and potted plug mother plants in the Plantsauna. The first trials for a mildew treatment with fresh plants and fresh tips also gave good results.

They effectively treat about 2,5 million mother plants per year in the Plantsauna.

Results

As a result of using the Plantsauna, Neessen Aardbei en Aspergeplanten is experiencing several different advantages in their production.

- Having total in-house flexibility
- Not having to outsource sterilization to contractors or third parties
- Starting the season with clean propagation material

For more information on the Plantsauna product, please visit the product page on our website or contact our sales department.