



Bon DEFENSE



Sharing
a healthy
future

Why Bon Defense?

Resistance

Rijk Zwaan has developed a wide range of varieties with high resistance (HR) to mosaic virus (CGMMV). This has been confirmed in independent studies of one of the first varieties with this trait, Bonbon RZ. The infection level of this variety was compared against a susceptible standard variety for summer and autumn cultivation in The Netherlands. The graph below shows that Bonbon RZ is significantly stronger against mosaic virus. Large-scale practical trials and years of cultivation have confirmed this conclusion.

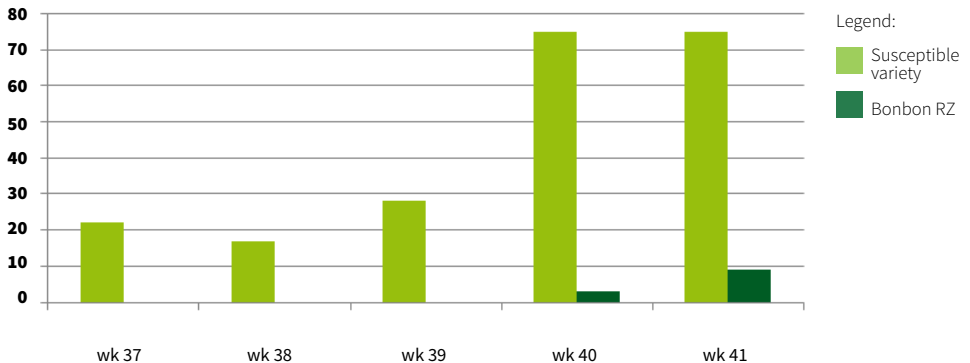
Very few virus symptoms

After an infection a susceptible variety will stop growing and will soon die. The Bon Defense cucumber varieties will continue to grow in the case of a slight infection. Very few – if any – virus symptoms occur in the plants or on the fruits, resulting in a better quality and higher yield than in normal (susceptible) plants infected by the virus.

Slow multiplication

The virus multiplies more slowly in the plants than is the case in normal (susceptible) cucumber varieties. The concentration of the virus in the plant is, therefore, much lower which considerably slows down the spread from plant to plant.

% of plants affected by CGMMV per variety



Broad range

Extending the range

We offer a wide range of Bon Defense varieties. Since introducing the first variety Bonbon RZ in 2013, our breeders have continuously developed new varieties for different growing cycles and areas. We are now able to offer you varieties for heated cultivation during the total season. On top of this we have also developed several varieties for protected cultivation, with Arrecife RZ being the first.

Combining traits

To give you even better protection we are now making combinations of Bon Defense with other traits. For example, the variety Bluesbrother RZ combines Bon Defense with Blueleaf.

Bon Defense in different types

Our largest assortment of varieties with Bon Defense is available in the Long cucumber type. Besides this we also offer Bon Defense in other types like Mini and Russian. Do you want to know more about the best Bon Defense variety for your situation? Please contact your local sales representative.

Hygiene remains important

Even when a Bon Defense variety is chosen, it remains important to work hygienically. Bon Defense varieties are stronger against mosaic virus, but they are not immune to it. A crop that looks healthy can still be infected with mosaic virus and the virus can, therefore, spread from one nursery to another and infect a crop without the Bon Defense trait.



Meet our Cucumber Team

For more information please contact your local specialist or one of our experts below.

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