

New Delhi resistant cucumber varieties

Meet our Cucumber team

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July 2021

Sharing
a healthy
future



Tol
CNDV

Tomato Leaf Curl New Delhi resistant

Delhi Defense

Rijk Zwaan, being a leader in the supply of cucumber seeds worldwide, is always close to the producers and willing to help them with any problem or challenge they face with their crops. Therefore we are happy to introduce Delhi Defense in our varieties. Our Delhi Defense cucumber varieties are resistant against Tomato Leaf Curl New Delhi virus, better known as the New Delhi virus.

UPS's

- Plants are less susceptible for the virus
- If an infection occurs symptoms and disease effect is limited
- High yielding varieties
- High quality fruits



Delhi DEFENSE

Minimize the risk of spreading

The introduction of resistant cucumber varieties is offering protection, but it remains important to minimize the risks of an infection. To have a healthy crop we advise you to:

- opt for a Delhi Defense variety
- keep the number of white flies as low as possible
- keep a close eye on symptom development in other host plants like squash or melon.

Symptoms of ToLCNDV

The New Delhi virus is transmitted from plant to plant by the white fly, *Bemisia tabaci*. Although first found in tomatoes, also cucurbits and other plants can be infected. In squash and melon an infection with this virus can stop the development of the plant complete. In cucumber, plants remain growing, but show severe symptoms and lose a lot of their productivity. Symptoms in cucumber are best described as yellow mosaic, later turning into severe patchy yellowing symptoms, almost as a “panther print”, with moderate leaf curling in the apical leaves.

Optimal protection combining Delhi Defense & Blueleaf

Our Blueleaf varieties are natural strong plants with dark-green leaf, strong roots, the ability to deal with climate changes and high photosynthesis. Our Delhi Defense varieties are part of this Blueleaf line giving your crop the benefits of both worlds!

Trials show strong resistance

In greenhouses with high infection levels of the New Delhi virus our resistant varieties stay healthy whereas the susceptible varieties in the same greenhouse showed clear infection and production loss.

