



+ Endurance

+ Strength

+ Resistances

Rootstocks from De Ruiter®

DR0141TX - Maxifort- Equifort
Darefort - Optifort



Rootstocks



DR0141TX

Maxifort

Equifort

Darefort

Optifort

Beaufort

A De Ruiter rootstock is the reliable partner for your tomato or aubergine crop.

To get the most from the crop, alongside a good variety, a rootstock is needed that makes an important contribution to high production potential throughout the season. De Ruiter rootstocks provide vigour, balance and endurance, tailored to the needs of the scion. A vigorous rootstock provides a strong foundation for the crop throughout the entire growing season..

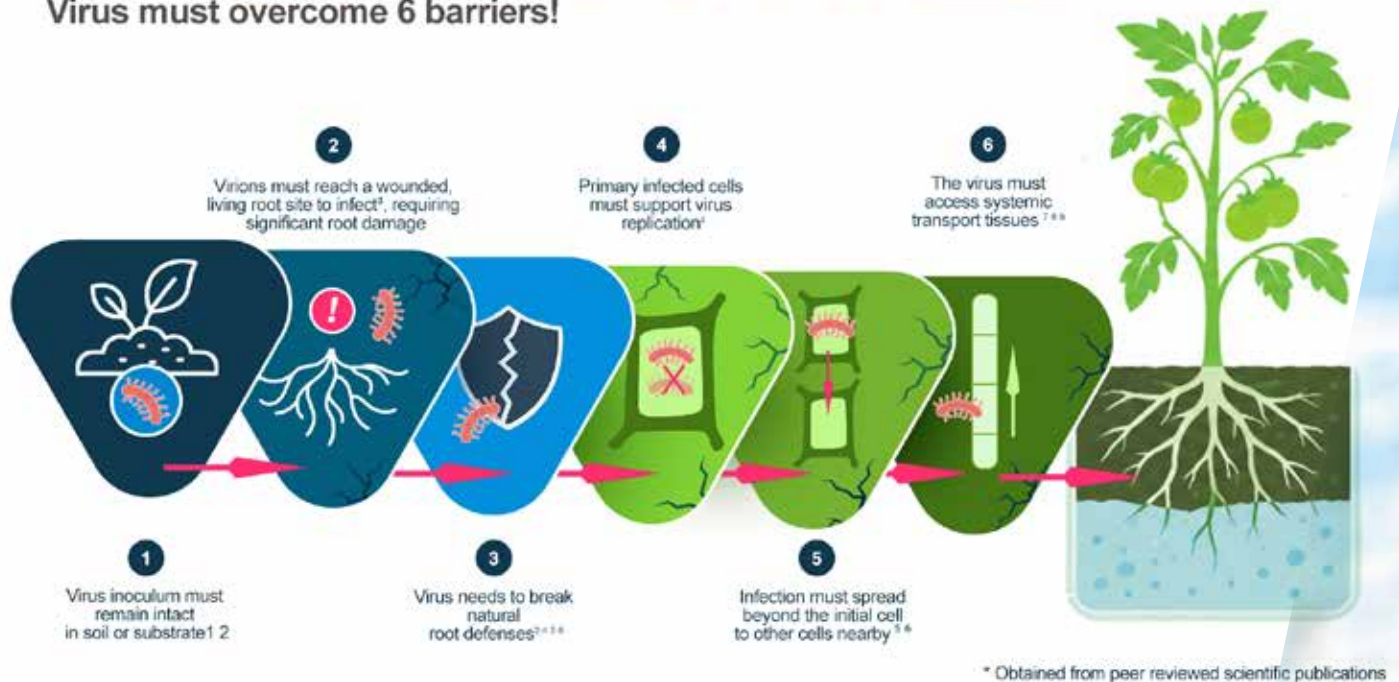
With the introduction of Darefort, our range has been further expanded. This new rootstock combines Intermediate Resistance (IR) to ToBRFV with High Resistance (HR) to three races of Fusarium wilt disease (EU = Fol:0–2; US = Fol:1–3 [Fusarium 3]).

In addition to tomato production, our rootstocks are also successfully used in aubergine cultivation. Our extensive experience repeatedly demonstrates the benefits of our rootstocks.

The role of the rootstock and ToBRFV

WHY INFECTION THROUGH ROOTS IS UNLIKELY?

Virus must overcome 6 barriers!



Scientific research shows that infection with ToBRFV via the roots is unlikely. A vigorous rootstock therefore primarily provides a strong basis for the crop, while resistance to ToBRFV is mainly determined by the scion.



Read more about ToBRFV, root infection and the role of the rootstock.

DR0141TX



The most vigorous rootstock with the highest production potential.

DR0141TX is a vigorous rootstock. It offers a good combination of generativity, vigor, and balance throughout the season. The rootstock delivers extra power and continues to perform under all conditions. The maximum potential of the variety can be extracted through generative steering and by making optimal use of CO₂, light, and temperature.

HR ToMV:0-2/Fol:0.1/For/PI/Va:0/Vd:0

IR Ma/Mi/Mj



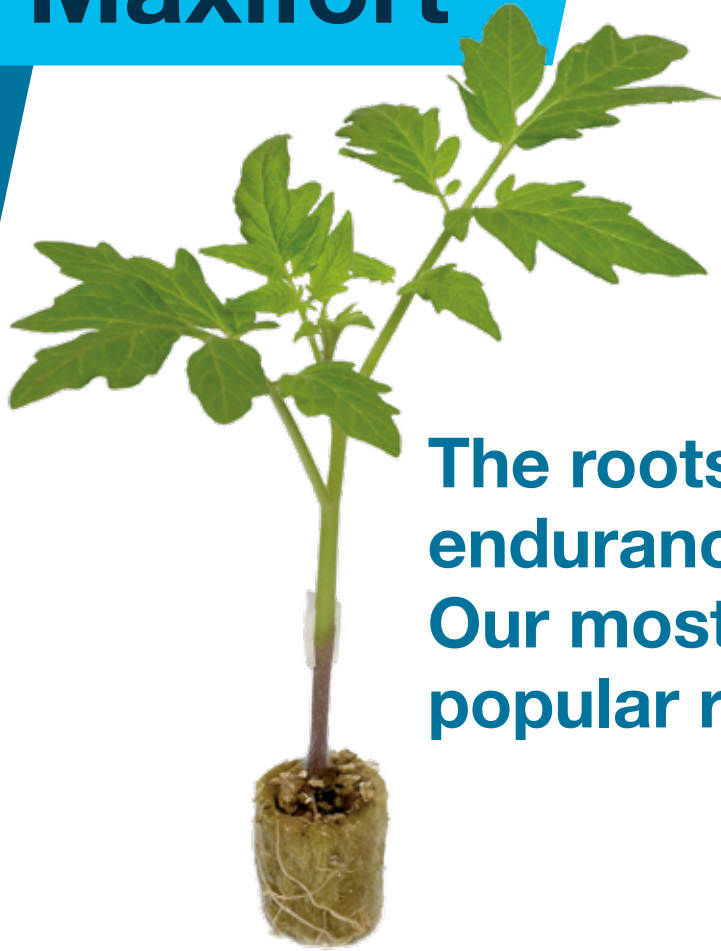
Characteristics

- // Very strong growth potential
- // Good generativity
- // Excellent germination
- // Highest endurance

Benefits

- // Highest production potential, extremely suitable for all varieties
- // Better stem uniformity within the batch/ fewer weak extra stems
- // Very strong under summer conditions
- // Good fruit set
- // Extra reliability

Maxifort



**The rootstock with
endurance.
Our most used and
popular rootstock.**

Maxifort has power! This rootstock is particularly vigorous, making it ideal for tomato and eggplant varieties with less vigor. Even under extreme conditions, Maxifort gives your crop extra vigor. This results in consistently higher fruit weight, even in the autumn. Maxifort is highly resistant to corky root and is the most widely used rootstock worldwide.

HR ToMV:0-2/Fol:0.1/For/PI/Va:0/Vd:0

IR Ma/Mi/Mj



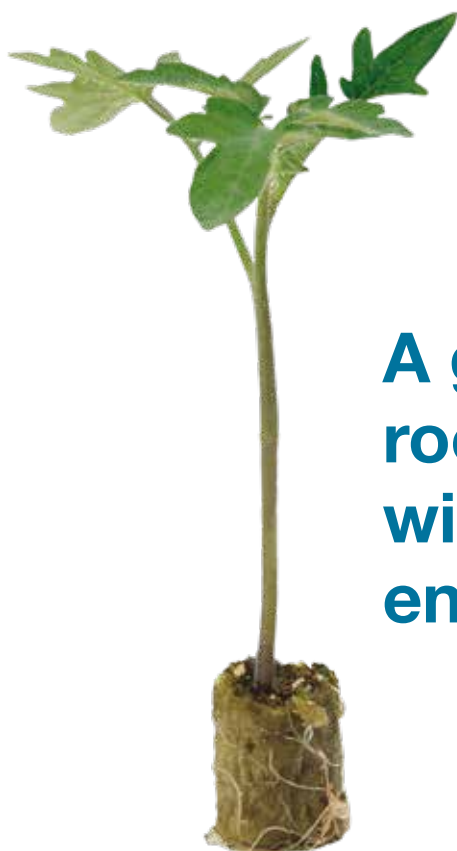
Characteristics

- // The market standard in rootstocks
- // More growth power
- // More vigor
- // Very suitable for generative crops
- // Germination with good usability

Benefits

- // Proven performance
- // More certainty in crop performance
- // Maximum production until the end of the growing season
- // Extra power for long crops
- // Reliable and proven rootstock
- // Suitable for all scions

Equifort



**A generative
rootstock
with excellent
endurance.**

Equifort is a vigorous rootstock under dark conditions with a strong generative response under increasing light and warmth, for both tomato and eggplant varieties.

HR ToMV:0-2/Fol:0,1/For/PI/Va:0/Vd:0

IR Ma/Mi/Mj



Characteristics

- // Generative plant character, which leads to a higher average fruit weight and stimulation of a higher number of trusses per plant (see test results)
- // Produces very vigorous stems, comparable to Maxifort
- // Ensures easy plant balance, while maintaining growth vigor
- // Leaf mass and vegetation are relatively lower than with DR0141TX and Maxifort (in many cases, this depends on the growing conditions and the grafted varieties)

Benefits

- // Potential for higher yields, thanks to the generative properties
- // Produces strong stems due to its vigorous growth, reducing the risk of kinked trusses and the firmness to the bunch increases
- // Promotes an early, vigorous, and generative balance, simplifying crop management throughout the season

Darefort



Vigor, balance and resistances!

Darefort is our new strong rootstock that complements our current range with balanced behavior. This feature is leading to more open and labor-friendly plants. In addition, Darefort offers Intermediate Resistance to ToBRFV and High Resistance to Fusarium wilt races 0-2. Darefort is intended for growers who are working with strong vegetative scions they want to control.

HR ToMV:0-2/Fol:0-2/For/PI/Va:0/Vd:0

IR ToBRFV/Ma/Mi/Mj



Benefits

- // Adapted to strong scions or vegetative conditions
- // Easy crop management and plant balancing, which may contribute to operational efficiencies
- // Good vigor and endurance throughout the season, designed to support yield potential
- // A differentiated rootstock that combines IR ToBRFV and HR Fol:0-2 resistances with vigor and endurance

Optifort



The rootstock with balance.

Optifort is a strong, universal rootstock that easily balances your crop. The result is optimal crop growth. In addition, the variety performs well under relatively cold conditions. It shows endurance and generates high production under most conditions.

HR ToMV:0-2/Fol:0,1/For/PI/Va:0/Vd:0

IR Ma/Mi/Mj



Benefits

- // Universal, suitable for many varieties
- // Higher ease of cultivation
- // Maximum production until the end of cultivation
- // Provides extra vigor
- // Easily balances the crop

Beaufort

The rootstock with control.

Beaufort is the controlled power source for tomato and eggplant varieties in average conditions of growth. This rootstock is highly resistant to root cork and gives a consistently higher fruit weight, even in the autumn. Beaufort is suitable for any kind of substrate or soil.

HR ToMV:0-2/Fol:0,1/For/Pl/Va:0/Vd:0

IR Ma/Mi/Mj



Benefits

- // Uniform delivery to the market
- // Gives a consistently higher fruit weight
- // Suitable for any kind of substrate or soil
- // More certainty

Make a choice



Which factors determine the choice of a rootstock:

Crop type Tomato (segment) or eggplant

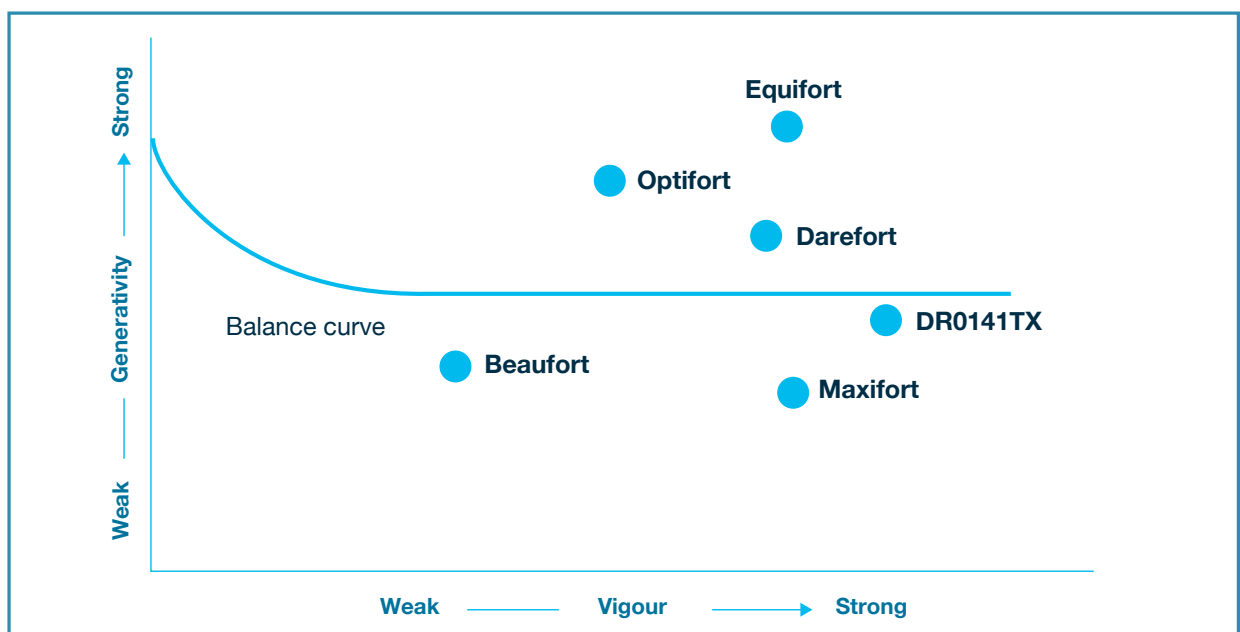
Character of the upper stem Vegetative, Generative, Strength and Endurance

Cultivation period Lit, Un-lit, Short crop and Region

Cultivation plan and management of the grower

Realizable climate conditions in the glasshouse

The curve and table below illustrate the character and structure of the different rootstocks.



Choose the right rootstock

Every crop requires a different balance between vigour, generative performance, resilience and endurance. The right combination of scion and rootstock can contribute to optimal performance under a wide range of growing conditions.



Plan smart. Plant strong.
Scan the QR code and discover our complete range of rootstocks.



Talk to your De Ruiter Account Manager and discover which combination will get the most from your crop.

Vegetables *by Bayer*



De Ruiter[®]

www.vegetables.bayer.com/gb/en-uk.html

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Bayer - Crop Science
Bayer Holland B.V.
P.O. Box 1050
2660 BB Bergschenhoek
The Netherlands
+31 10 529 22 22