



**Blueleaf: the new standard
for every cucumber grower**

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

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**Meet our
Cucumber
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Sharing
a healthy
future



What is BLUE LEAF®

The trait

Blueleaf is a trait with which we distinguish a line of cucumber varieties. Although Blueleaf is not a form of resistance, it is a trait that definitely helps growers to keep their cucumber crops healthier. Varieties with the Blueleaf trait look healthier due to the dark-green colour of the crop. Blueleaf also extends the growing season.

What makes Blueleaf so different?

The usual resistances in familiar cucumber crops protect the plants against pests and diseases by giving them intermediate or high resistance. When a variety clearly demonstrates a higher natural resistance in practice but it cannot strictly be called a 'resistance', it is described as 'field resistance' – and that is precisely what Blueleaf is.

A variety for every season

Blueleaf varieties are available in different types and for all seasons. Blueleaf is available in the following types: Long - Slicer - Mini - Midi.

Our newest Blueleaf varieties are even combined with different resistances, giving your crop the best protection there is, such as our standard resistances against CVV and powdery mildew. We have also combined Blueleaf together with our Bon Defense (resistance against CGMMV) and For Defense (resistance against fusarium) to help you achieve top results.

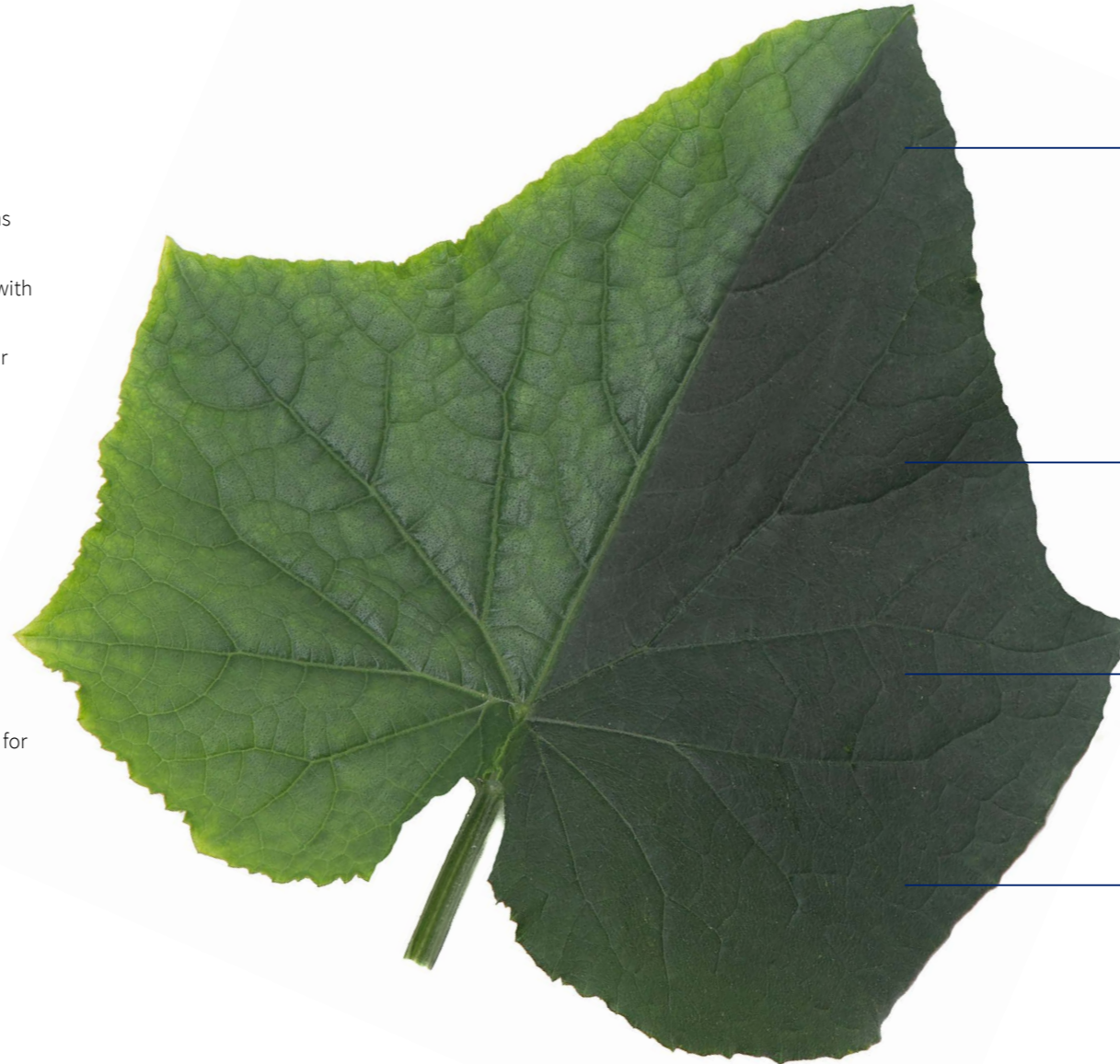
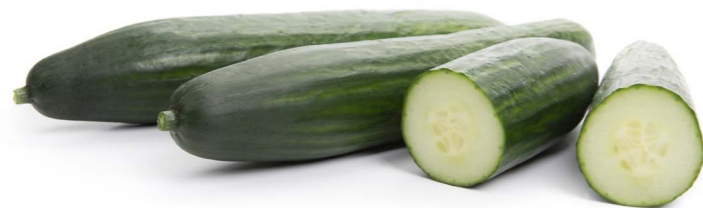
Blueleaf as a standard in protected cultivation

Since the introduction of this trait, Blueleaf has become the new standard in the market for protected cultivation. By combining Blueleaf with other traits you can choose a variety with a high disease resistance that is suitable for your particular growing conditions.

Blueleaf as a new trait for high-tech cultivation

In addition to its benefits for protected cultivation, Blueleaf also offers the same advantages in high-tech greenhouses, which is why we have introduced our first Blueleaf varieties for high-tech cultivation.

Please contact your local sales representative for details of the varieties in your country.



Advantages

More photosynthetic activity

Blueleaf varieties have greener leaves throughout the cultivation period. This means that the crop has, on average, more chlorophyll in its leaves than other varieties. Chlorophyll is vital for the assimilation process. Blueleaf varieties can therefore make better use of the available amount of light.

More adaptive to environmental changes

A greener crop is more active and therefore better able to cope with the frequently occurring changes in the external climate, such as sudden changes in temperature and light.

Vegetative / generative balance

The better balance between growth and fruit set delays yellowing of the crop. The crop remains active for longer and continues to produce cucumbers of good quality.

More power in the root

The transport and processing of the required nutrient elements is more efficient and better distributed across all parts of the plant. This results in a higher yield and better product quality.

Blue-green colouring of the leaves

This is the most striking aspect of a Blueleaf variety, which also makes it visibly different from other varieties.

Resulting in:

- the crop remaining green for longer in the case of an outbreak of the yellowing virus (CYSDV).
- slower to succumb to diseases and pests such as fusarium and downy mildew.
- less attractive to pests like whitefly and thrips.

Needless to say, all this results in a healthy green crop which is much more enjoyable to work with!

