

the power
of **balance**



Kurios (E 23L.2148)

ENZA ZADEN



We recently introduced the Topkick high-wire variety. Following this, we are now launching the new and tough **Kurios (E 23L.2148)** variety, suitable for traditional summer and autumn growing. With its combination of growing vigour and absence of fruit abortion, this variety combines quality with a very high production. The cucumbers have a uniform shape, are beautifully straight and have a full shape right down to the bottom. On top of that, this variety rarely if ever produces long cucumbers. These characteristics are a favourable trademark of all our Enza Zaden summer growing cucumbers.



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Practical experiences

In 2010 and 2011 Kurios was widely tested in practice, both as a trial and in completely controllable units. From the moment it is planted, Kurios shows a difference with the current standard varieties of summer growing crops. Noticeable are its vigorous growth and its short shift. Kurios has slightly larger leaves and the plants make one to two additional internodes further down the wire. Despite its growing vigour, this variety does not make a lot of sprouts. Axils with one to at most two fruits are standard and remontants or sprouts seldom occur at the bottom. In terms of earliness Kurios is similar to standard varieties. The fruit comes off easily and the succession is excellent. After cutting the tops off, the crop character seems to change. This strong growth is obvious in generative but sturdy tendrils and a decreased leaf size. The fruit setting on the tendrils is very strong. A distinctive feature of Kurios is that a fruit is made from each flower, without growing multiple fruits per axilla. This keeps the tendrils well-balanced and the plant can maintain a steady growth. The production runs smoothly and the crop retains an open character for longer.

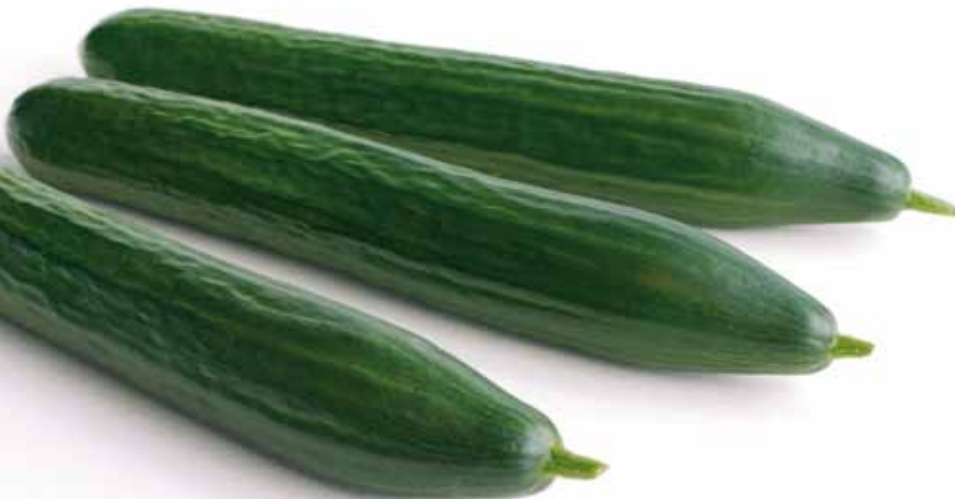
Characteristics of Kurios

Stem

- Strong, vigorous plant
- Very few sprouts
- Short switch
- One to two fruits per leaf
- Fruit size 40er
- Attractive, straight, full-shaped cucumbers
- Good fruit colour

Tendrils

- Selective fruit development
- Little or no fruit abortion
- Open crop, with steady growth
- Uniform quality, no long cucumbers
- Very high productivity
- Good fruit colour



Growing advice

Kurios has proved favourable both in the second and third cultivation. To get the most from this variety, we have compiled a number of experiences into a cultivation advice.

It is best to start with a plant propagated fairly quickly. Build up speed immediately after planting. Make sure the temperature at night does not fall below 19 degrees Celsius. The plant does not need evening growth to grow strong fruit. Make sure the temperature is 20 degrees at sunrise and follow the light during daytime cultivation. It is important to activate the plant in a fertile, non-arid climate. In cold or windy weather beware of airing too quickly. This will cause the crop and the cucumbers to build up speed. The development of the fruit becomes selective and the crop retains an open character for longer.

Ensure there is a climate that is conducive to growth and that the EC in the slab is sufficiently high. Values between 3 and 3.5 are perfect for a vigorous variety such as Kurios. This prevents root pressure. Don't forget that the plants will consume more water at a higher 24-hour temperature. It will require longer trickle irrigation in the afternoon and evening. You also need to provide the plant with sufficient nutrients during this period. Only between 12 noon and 3 p.m., or during a heat wave, is it permitted to have slightly lower EC provision. This cultivation regime can be adhered to until the end of the cultivation period, as the behaviour of the stem of the plant is not significantly different from the behaviour in the tendrils. While working on the crop, the typical characteristics of the crop can be taken into account. During a period of less sunny weather it may help to start removing the stem leaf. This will encourage generative growth. A grow tube in between the crop could also be helpful. During a heatwave, Kurios behaves equally well. The variety is fairly resistant to burnt tops. The growth and fruit development on the tendrils are no problem under these circumstances. Compared to other varieties, from a cultivation point of view, it is not necessary to take any additional measures.

Growing advice is not a blueprint of how the cultivation should proceed. Our representatives/advisers provide guidance and give personal advice targeted at each specific situation.

Propagation

Kurios is a fast-growing plant and requires very little special treatment during propagation. It is not necessary to propagate the plant in an arid or dry pot in order to promote its generative growth. The fruits are naturally strong and it is important to encourage the speed and growth. It would seem that the plant and fruit setting are resistant to heat during propagation. This makes Kurios a flexible and strong variety for propagation.

Planting period

Kurios is particularly suitable for second and third cultivation. A planting period from the beginning of April to August is excellent for this variety.



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