

Cucumber

UK Summer | Autumn 2022



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Traditional cultivation

Sumapol

A real all-rounder with a good resistance

- For traditional summer cultivation
- Highly productive
- Plants stay green and vigorous right up to the end of the crop
- Open habit with single fruits on stems
- High resistance to mildew
- Very strong against *Mycosphaerella*
- Uniform, attractive quality right up to the end of the crop

umapol stands out mainly for its high production. The fruits are uniform, straight and nicely ribbed and have a good shelf life. The variety has small, upright leaves towards the wire, making it easy to harvest. It also produces very few side shoot on the stem, so it is a labour-friendly variety.

It is also highly resistant to mildew and strong against *Mycosphaerella*. Sumapol continues to perform well even in extreme weather conditions. The variety is strong and vigorous, forming a permanently green crop. So it's a safe choice.

Baltimore (E23L.2399)

Productive and open

- The newcomer for early summer cultivation
- Highly productive
- Plants stay green and vigorous right up to the end of the crop
- Open habit with single fruits on stems
- High resistance to mildew
- Uniform, attractive fruit quality right up to the end of the crop

Baltimore is the variety for early summer cultivation, for planting from March to late July. The distinctive feature of this highly productive variety is its open growth towards the wire. The variety is single fruited with upright leaves and fruits that are slightly larger than Sumapol. It also produces very few if any side shoots on the stem. The vines have a controlled growth and the plants are extremely strong against chlorosis. The crop grows generatively throughout the cycle and remains open.

It is also highly resistant to mildew. Once on the vine, the size of the fruits remains very uniform with a maximum length of 34 cm. Baltimore produces great-looking cucumbers right up to the end of the crop.

Unlit traditional and high-wire cultivation

Dee Viate

The new standard for summer and autumn cultivation

- Open crop that requires very little labour
- Strong quality and fruit colour until the end of the crop
- Good, consistent production of 400-500 g class fruits (high average fruit weight)
- Highly resistant to CGMMV and mildew
- Suitable for summer and autumn cultivation
- Strong against fungi like Pythium, Mycosphaerella and Botrytis

Dee Viate is the new standard for summer and autumn cultivation. It's a true all-rounder with traits that ensure a consistently open crop, good fruit quality and very low labour requirements.

In addition, the variety has the full package of resistances: it is highly resistant to both CGMMV and mildew and is also extremely strong against Mycosphaerella. This is one reason why Dee Viate is the most reliable choice in our range.



Dee Freece

Spring/summer/autumn variety

- Suitable for both traditional and high wire cultivation
- Highly resistant to CGMMV and mildew
- Longer fruit length (> 30 cm)
- Average fruit weight of 410-430 g
- Generative crop

Dee Freece produces a vigorous crop with a generative tendency. It is suitable for spring, summer and autumn cultivation and can be planted from the beginning of February. The fruits of this variety are wonderfully dark in colour and long (>30 cm).

With high resistance to both mildew and CGMMV, it delivers high production both in terms of numbers and weight, with consistently high-quality fruits.

Lit high-wire cultivation

Dee Flexion (E23L.2384)

Great combination of fruit quality and resistance

- Highly resistant to CGMMV and mildew
- Uniform production
- Higher average fruit weight (400 g)
- Ribbed fruits
- Compact crop
- Labour-friendly.

Dee Flexion is a newcomer in the lit high-wire segment. This variety performs well in an intensively lit crop, particularly in combination with LED lighting. It stands out from other varieties thanks to its high resistance to both mildew and CGMMV.

The combination of fruit quality and dark fruit colour is another positive feature. The variety is compact and has an average leaf size. We recommend encouraging a more vegetative crop by planting it out at the final distance straight away and not pinching out the plants. Keeping the crop in balance ensures low fruit abortion and results in uniform production and a higher average fruit weight.



Mini-komkommers

Katrina

An old favourite with a great flavour

- Most popular variety in the 110-130 g segment
- Crunchy and sweet
- Open, slowly growing generative crop
- Intermediate resistance to CGMMV
- High resistance to mildew

Katrina is a mini cucumber for traditional cultivation that can be grown throughout the whole season. It can be planted from February through to mid-August. At 110-130 g (length 16-18 cm), it is a slightly larger mini. Quality and flavour are the most important characteristics of this variety. The fruits are crunchy and deliciously sweet.

The variety is highly resistant to mildew and also has intermediate resistance to CGMMV. The plant produces several fruits per axil and the vines have a controlled growth. We therefore recommend twisting the top over the wire.

Analisa

Suitable for traditional and high-wire cultivation

- Open, generative crop
- Intermediate resistance to CGMMV
- High resistance to mildew
- Fruits weigh between 90 and 110 g

Analisa is an open, generative crop that produces an average of two fruits per axil. The variety has been tried and tested in practice in both high-wire and traditional systems. It is a heavy producer and plants are easy to handle.

The fruit quality is highly consistent with an attractive colour. Fruit weight is between 90 and 110 g, so slightly lower than Katrina. The fruits are also a little shorter (13-15 cm). Analisa's mildew and CGMMV resistance makes it an extremely complete variety. Plant from the end of January to mid-August.



Plantschedules

Variety	Jan	Feb	March	April	May	June	July	Aug	Sept	Okt	Nov	Dec
Traditional cultivation												
Sumapol												
Baltimore (E23L.2399)												
Unlit traditional and high-wire cultivation												
Dee Viate												
Dee Freece												
Lit high-wire cultivation												
Dee Flexion (E23L.2384)												
Mini cucumbers												
Katrina												
Analisa												

Resistances

Resistances in varieties of our crops will be coded (please, see our coding list on www.enzazaden.com for explanation), unless indicated otherwise.

Varieties claiming the same level of resistance against a specific pest or pathogen may exhibit a different resistance response due to a different genetic makeup of a variety. It is to be noted that if a resistance is claimed in a plant variety it is limited to the specified biotypes, pathotypes, races or strains of the pest or pathogen.

If no biotypes, pathotypes, races or strains are specified in the resistance claim for the variety, it is because no generally accepted classification of the cited pest by biotype, pathotype, race or strain exists. In this case resistance is only claimed against certain not further specified isolates of that pathogen. New biotypes, pathotypes, races or strains that may emerge are not covered by the original resistance claim.

Immunity: not subject to attack or infection by a specified pest or pathogen.

Resistance: the ability of a plant variety to restrict the growth and development of a specified pest or pathogen and/or the damage they cause when compared to susceptible plant varieties under similar environmental conditions and pest or pathogen pressure. Resistant varieties may exhibit some disease symptoms or damage under heavy pest or pathogen pressure.

Two levels of resistance are defined:

- **High resistance (HR):** plant varieties that highly restrict the growth and development of the specified pest or pathogen under normal pest or pathogen pressure when compared to susceptible varieties. These plant varieties may, however, exhibit some symptoms or damage under heavy pest or pathogen pressure.
- **Intermediate resistance (IR):** plant varieties that restrict the growth and development of the specified pest or pathogen, but may exhibit a greater range of symptoms or damage compared to highly resistant varieties. Intermediate resistant plant varieties will still show less severe symptoms or damage than susceptible plant varieties when grown under similar environmental conditions and/or pest or pathogen pressure.

Susceptibility: the inability of a plant variety to restrict the growth and development of a specified pest or pathogen.

Tolerance: the ability of a plant variety to endure abiotic stress without serious consequences for growth, appearance and yield. Vegetable companies will continue to use tolerance for abiotic stress.

Full explanation available on www.enzazaden.com

Verklaring afkortingen resistenties

	Code	English name	Scientific name pathogen ISF	Level of resistance
Fungus	Cca	Target leaf spot	Corynespora cassiicola	HR
	Ccu	Scab	Cladosporium cucumerinum	HR
	Px	Powdery mildew	Podosphaera xanthii (ex. Sphaerotheca fuliginea)	IR, HR
Virus	CMV	Cucumber mosaic	Cucumber mosaic virus	IR
	CVYV	Cucumber vein yellowing virus	Cucumber vein yellowing virus	IR
	CGMMV	Cucumber green mottle mosaic virus	Cucumber green mottle mosaic virus	IR, HR



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Descriptions, recommendations and illustrations in brochures and leaflets shall correspond as closely as possible to tests and practical experience and are subject to typographical and/or printing errors. This information shall be provided to assist professional growers and users, whereby variable local conditions must be taken into account. Under no circumstances shall Enza Zaden accept liability based on such information for deviating results in the cultivated product. Current information concerning the resistances is available on www.enzazaden.com

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