



Cucumber



2020 | 2021

Dear Grower,

This document provides information about Enza Zaden cucumber varieties for the 2020/2021 growing season. It shows at a glance the resistances of our varieties, the regions they are intended for, the best moment for sowing and the varieties main characteristics. All the information in just one document, allowing you to start the new season well-prepared. The first table shows details for conventional cultivation systems in Northwest Europe, followed by a table for high wire cultivation.



Conventional cultivation - Northwest Europe

Variety	Resistances		Region and cultivation	Sowing period	Crop characteristics
	HR	IR			
Lucania	Cca/Ccu	Px	Early spring NL, UK, Germany, Scandinavia	December, January	Lucania is a strong crop. It requires generative steering, especially on sunny days. It has early and heavy fruit.
Diobla	Cca/Ccu	Px	Scandinavia	December, January, February	Diobla is a variety for early planting. It has an open plant type. The variety keeps continuous growth but stays more open compared to standard varieties. The fruit quality is always good with consistent size and strong colour.
Santiago (E23L.2352)	Cca/Ccu	Px	Early spring, Scandinavia, NL and UK	December, January	E23L.2352 is a new variety for traditional crops for planting in January. The variety has rapid growth and smooth green colour throughout the entire season. It comes back sooner than other varieties which results in a solid balance between growth, fruit setting and production. E23L.2352 requires a generative cultivation regime to promote selectivity and openness of the crop and provides intermediate resistance against powdery mildew. It also has a degree of CGMMV virus resistance.
Sumapol	Ccu/Px		NL, UK, Scandinavia and Northern France	March to early July	Sumapol is an open compact crop with a smaller leaf with good fruit and crop colour and rapid shoot growth. These external characteristics go hand-in-hand with unique genetic properties, because the variety has a high degree of powdery mildew resistance and is genetically strongly resistant to Mycosphaerella.
Kurios	Cca/Ccu		Summer/autumn NL, Scandinavia and UK	April - July	Kurios is a vigorous crop, highly productive and is sufficiently selective. It requires active steering and focus on stimulating evaporation.
Torreon	Cca/Ccu	Px	Scandinavia	February	Torreon is a vegetative variety. Although it sets easily it is recommended to keep the crop generative. Especially when the laterals are developing or when a big number of fruits are harvested. The best result is achieved by growers with a generative crop regime.
Kostas	Cca/Ccu		Scandinavia	February	Kostas is generative but has a vigorous plant type. The plant will consequently continue to grow and set fruit. It also has high resistance against head scorch and tolerates growing conditions under double screen in the initial stage of its development. Fruit is well-filled and of high quality.
Galaxy	Cca/Ccu/Px		Summer Germany and France	April, May, June	Galaxy has a vigorous crop that flourishes best in good light. It has a low sensitivity to heat stress.

Conventional cultivation - Northwest Europe

Variety	Resistances		Region and cultivation	Sowing period	Crop characteristics
	HR	IR			
Dee Jay	Cca/Ccu/Px	CVYV/CGMMV	Late spring/summer Germany	March, April, July	Dee Jay is a long and fast plant with long fruit. The fruit colour is sublime and it has an open and thin plant and does not require a high heat input.
Dee Scribe	Cca/Ccu/Px	CMV/CVYV/CGMMV	Summer NL, UK, Scandinavia and Austria	March-June	Dee Scribe is a strong and fast plant. It gives double fruits, fast recovery, green plant, high yield and no long fruit.
Dee Zire	Ccu/Px/CGMMV	CMV	NL, France and Scandinavia	June, July	Dee Zire has a compact, strong and generative crop and good resistance to burnt heads. It performs well in decreasing light levels.
Dee Lite	Cca/Ccu/Px/CGMMV	CMV/CVYV	Summer NL, France and Scandinavia	May, early June	Dee Lite has vegetative growth, and very good resistance to burnt heads. It is selective and can handle high virus pressure.
Dee Host	Ccu/Px	CVYV/CGMMV	Scandinavia and UK	June, July	Dee Host has a strong open plant type with good growth. The fruits are 32-35 cm long with good fruit colour. The side shoots are quite generative and it sets fruit easily and has an open plant type.

Mini cucumber - Northwest Europe

Variety	Resistances		Region and cultivation	Sowing period	Crop characteristics
	HR	IR			
Analisa (E23B.2326)	Ccu/Px	CMV/CVYV/CGMMV	Northwest Europe	December to July	Analisa has an open and generative crop. It produces two fruits per node. It is possible to use for both highwire and traditional systems. It is an easy plant to work with. The fruit quality is very consistent and a beautiful color. The weight is between 90-130-gram, length 13-15 cm.
Katrina	Ccu/Px	CMV/CVYV	Northwest Europe	December to July	Katrina is for traditional cultivations. It has a fairly generative plant type, makes multiple fruits per node and grows in a very controlled manner on the side shoots. The fruit weight is 110-130 grams and length is 16-18 cm. Very crisp fruit with nice, sweet taste.

High wire cultivation - Northwest Europe

Variety	Resistances		Region and cultivation	Sowing period	Crop characteristics
	HR	IR			
Imea	Cca/Ccu/Px		Scandinavia, high artificial light intensity with interlighting	Year-round	Imea has been the standard variety for years. It is a vigorous crop that needs interlighting for generative growth. It has a very high production and shorter fruits.
Kyra (E23L.2338)	Cca/Ccu/Px		Scandinavia - high artificial light	August, September, November-January	Kyra has a strong plant type with consistent growth. The production starts early and is very consistent. Tests over the last two years shows that the fruit quality is very high and stable. The plant is very strong against powdery mildew.
Prinseya (E23L.2258)	Cca/Ccu/Px		Scandinavia, artificial light, with or without interlight	Year-round	The plant type of Prinseya is between Imea and Toploader. It is less strong and vegetative than Imea. Faster into production and slightly longer fruits.
Toplight	Cca/Ccu	Px	Scandinavia, artificial light without interlighting	Year-round	Toplight has an open and fast-growing crop. It can be cultivated at lower average temperatures. It has fast fruit and good fruit weight.
Topvision	Cca/Ccu	Px	Artificial light crops and summer crops in NL and Scandinavia, without interlighting	Year-round	Topvision has a fast plant and fruit with good length, high yield, strong. It performed also very well in unlit highwire summer crops. Good fruit weight and high production (kg).
Dee Rect	Cca/Ccu/Px/CGMMV	CMV/CVYV	Summer crops in NL, France	March-June	Dee Rect has a strong green plant, very strong against CGMMV and good fruit length.
Dee Scribe	Cca/Ccu/Px	CMV/CVYV/CGMMV	NL, UK, Scandinavia	May, June	Dee Scribe is a strong and fast plant. It gives double fruits, fast recovery, green plant, high yield and no long fruit.
Dee Zire	Ccu/Px/CGMMV	CMV	NL, France, Scandinavia	June, July	Dee Zire has a compact, strong and generative crop and good resistance to burnt heads. It performs well in decreasing light levels.
Dee Lite	Cca/Ccu/Px/CGMMV	CMV/CVYV	Summer NL, France, Scandinavia	May, early June	Dee Lite has vegetative growth, and very good resistance to burnt heads. It is selective and can handle high virus pressure.
Topspin	Cca/Ccu		NL and UK, no artificial light, spring	December, January	Topspin has a vigorous crop with endurance, low sensitivity to light, no dark or black heads and uniform fruit length during cultivation.

Suggested planting for crops without light, standard umbrella

Variety	Planting months:											
	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec
Conventional cultivation												
Lucania												
Diobla												
Santiago (E23L.2352)												
Sumapol												
Kurios												
Torreón												
Kostas												
Galaxy												
Dee Jay												
Dee Scribe												
Dee Zire												
Dee Lite												
Dee Host												
Mini cucumber												
Analisa (E23B.2326)												
Katrina												



Dee Lite



Dee Zire



Katrina

Suggested planting for highwire crops, lighted

Variety	Planting months:											
	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec
Imea												
Kyra (E23L.2338)												
Prinseya (E23L.2258)												
Topvision												
Toplight												
Dee Rect												
Dee Scribe												

Suggested plantings for highwire crops, without light

Variety	Planting months:											
	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec
Toplight												
Topvision												
Topspin												
Dee Rect												
Dee Scribe												
Dee Zire												
Dee Lite												

Explanation of resistances:

- HR: High Resistance Cca: Corynespora cassiicola
- IR: Intermediate Resistance Px: Powdery mildew CVYV: Cucumber vein yellowing virus
- Ccu: Cladosporium cucumerinum CMV: Cucumber mosaic virus CGMMV: Cucumber green mottle mosaic virus

Disclaimer

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. © Enza Zaden | March 2020



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