



# Cucumber



2018 | 2019



Dear grower,

This document provides information about the Enza Zaden cucumber varieties for the 2018/2019 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			
Kostas	Cca/Ccu		Heated, early NL and Scandinavia	November	Vigorous crop, early, balanced, single fruits on the shoots, strong on fruit abortion, low sensitivity to light, heavy fruit, medium colour.
Lucania	Cca/Ccu	Px	Early spring NL, UK, Germany, Scandinavia	December, January	Strong crop, requires generative steering especially on sunny days, early and heavy fruit.
Gulfstream	Cca/Ccu	Px	Spring and summer Austria	February - May	Slow growing, open and long crop, solid base for many years.
Kurios	Cca/Ccu		Summer/autumn NL, Scandinavia, UK	April - July	Vigorous crop, high productivity, sufficiently selective, requires active steering, stimulate evaporation.
Amaluna	Ccu/Px	CVYV	Summer/autumn UK, Austria	March - June	Fast and early crop, work on growth. Do not cultivate too warm.
Dee Lite	Ccu/Px	CMV/CVYV/CGMMV	Summer NL, France, Scandinavia, Germany, Austria	May, June	Vigorous, vegetative crop that requires generative steering in the stem phase. Very strong against green mottled virus.
Galaxy	Cca/Ccu/Px		Summer Germany, France	April, May, June	Vigorous crop that flourishes best in sunlight, low sensitivity to heat stress.
Komet	Cca/Ccu/Px	CMV/CVYV	Summer Germany, France	April - June	Vigorous, slow crop. It is used for CMV resistance.
Dee Zire	Ccu/Px	CMV/CGMMV	Summer/autumn NL, UK, Scandinavia	February, March, July	Generative, broad plant, always strong fruits. It may develop chlorosis but maintains growth. Grow in vegetative conditions. Sublime fruit quality.
Sumapol (E23L.2300)	Ccu/Px		Summer, early autumn NL, UK, Scandinavia, Germany, France, Austria	March - beginning July	Open plant type on stem, single fruited. Very high yield in pieces, no long cucumbers, strong and green sideshoots, always growing, very strong against fruit-Mycosphaerella.
Dee Scribe (E23L.2336)	Ccu/Cca/Px	CMV/CVYV/CGMMV	Summer NL, UK, Scandinavia, Austria	March - June	Strong and fast plant, gives double fruits, fast recovery, green plant, high yield, no long fruits.
Dee Jay (E23L.2335)	Ccu/Cca/Px	CVYV/CGMMV	Late spring/summer Germany	March, April, July	Long and fast plant with long fruits, sublime fruit colour, low heating system, open and thin plant.





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	Vigorous crop that needs interlighting for generative growth, very high production, standard variety since years, shorter fruits.
Toploader	Cca/Ccu	Px	Scandinavia, artificial light without interlighting	Year-round	Open crop with sufficient vigour, high productivity, shorter fruits.
Prinseya (E23L.2258)	Cca/Ccu/Px		Scandinavia, artificial light, with or without interlight	Year-round	Plant type between Imea and Toploader. Less strong and vegetative than Imea. Faster in production and a little longer fruits.
Toplight	Cca/Ccu	Px	Scandinavia, artificial light without interlighting	Year-round	Open and fast growing crop, can be cultivated at lower average temperatures. Fast fruits, good fruit weight.
Topvision (E23L.2320)	Cca/Ccu	Px	Artificial light crops and summer crops in NL and Scandinavia, without interlighting	Year-round	Fast plant, fast fruit with good length, high yield, strong. Performed also very well in unlighted highwire summer crops. Good fruitweight, high in kg's.
Dee Rect (E23L.2309)	Cca/Ccu/Px	CMV/CVYV/CGMMV	Summer crops in NL, France	March - June	Strong green plant, very strong against CGMMV, good fruit length.
Topspin	Cca/Ccu		NL and UK, no artificial light, spring	December, January	Vigorous crop with endurance, low sensitivity to light, no dark or black heads, uniform fruit length during cultivation.
Dee Lite	Ccu/Px	CMV/CVYV/CGMMV	Summer NL, France, Scandinavia	May, early June	Vegetative growth, very good resistance to burnt heads, selective, can handle a lot of virus pressure.
Kurios	Cca/Ccu		NL	May, June, July	Vigorous crop, good resistance to burnt heads, high fruit load, very strong fruits, generative steering, high productivity.
Dee Zire	Ccu/Px	CMV/CGMMV	NL, France, Scandinavia	June, July	Compact, strong and generative crop, good resistance to burnt heads, performs well in decreasing light levels.
Dee Scribe (E23L.2336)	Ccu/Cca/Px	CMV/CVYV/CGMMV	NL, UK, Scandinavia	May, June	Compact, strong, fast plant, high yield, fast recovery, no long fruits.



Suggested planting for crops without lights, standard umbrella:

Variety	Planting months:											
	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec
Diobla												
Lucania												
Topspin												
Sumapol (E23L.2300)												
Dee Jay (E23L.2335)												
Dee Scribe (E23L.2336)												
Kurios												
Torreon												
Kostas												
Galaxy												
Dee Zire												
Dee Lite												



Suggested planting for lighted crops, highwire:

Variety	Planting months:											
	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec
Imea												
Prinseya (E23L.2258)												
Toplight												
Topvision (E23L.2320)												
Dee Rect												
Dee Lite												
Dee Zire												
Dee Scribe (E23L.2336)												

Suggested planting for crops without lights, highwire:

Variety	Planting months:											
	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec
Toploader												
Toplight												
Topvision (E23L.2320)												
Dee Rect												
Dee Lite												
Dee Zire												
Dee Scribe (E23L.2336)												

Explanation of resistances:

HR:	High Resistance	Cca:	Corynespora cassiicola	CVYV:	Cucumber vein yellowing virus
IR:	Intermediate Resistance	Px:	Powdery mildew	CGMMV:	Cucumber green mottle mosaic virus
Ccu:	Cladosporium cucumerinum	CMV:	Cucumber 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](http://www.enzazaden.com). © Enza Zaden | July 2018



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