



# Cucumber high-tech

Assortment 2020-2021



Sharing  
a healthy  
future



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 High resistance	 Intermediate resistance	
 Intermediate resistance		
 Non-chemically treated		
 Convenience	 Industry	 Organic
 Sensational Flavours	 Sensational Snacks	
 blueleaf label	 Bon Defense label	

## Long cucumbers

### Galibier RZ F1

#### Early production of heavy fruits

Galibier RZ is a long cucumber variety that produces very well-filled, heavy fruits. The cucumbers are dark green in colour and attractively ribbed. The quality and shelf life are good. The plant is strong and can cope with lower light conditions. Galibier RZ is fast to produce fruits and sustains the quality until the end. The intermediate resistance to powdery mildew is an extra advantage. Galibier RZ is mainly used in North West Europe for early planting (December) in umbrella systems.

 wk 1-4, 50,52     Cca/Ccu     Px (ex Sf)

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### Lohengrin RZ F1

#### Suitable for high-wire systems and artificial light

Lohengrin RZ produces good-quality medium-sized to large cucumbers. The fruits are dark green and attractively ribbed. Lohengrin RZ is a vigorous variety with good fruit setting. Lohengrin RZ is used in high-wire systems under higher levels of artificial light (220  $\mu\text{mol}$  or more). Lohengrin RZ is mostly used in Russia and Canada.

 wk 1-4, 38-52    Resistance  Cca/Ccu/Px (ex Sf)     CVYV

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### Skyson RZ F1 (24-282)

#### Suitable for high-wire systems under high-intensity artificial light

Skyson RZ produces very well-filled and uniform dark green and nicely ribbed fruits that are not too long. The single-fruited plant is vigorous and compact with strong fruit setting. The fruits of Skyson RZ are less sensitive to *Mycosphaerella*. Skyson RZ is used in northern Europe for high-wire spring crops under high-intensity artificial light, especially in the 180-230  $\mu\text{mol}$  range.

 wk 44-52     Cca/Ccu     CVYV

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## Long cucumbers

### Skyview RZ F1 (24-283)

#### Suitable for high-wire systems under intermediate-intensity artificial light

Skyview RZ produces very well-filled and uniform dark green and nicely ribbed fruits that are not too long. The single-fruited plant is vigorous and compact with strong fruit setting. The fruits of Skyview RZ are less sensitive to *Mycosphaerella* and not susceptible to split heads. Skyview RZ is used in northern Europe for high-wire spring crops under intermediate-intensity artificial light, especially in the 80-120  $\mu\text{mol}$  range.

 wk 49-52

 Cca/Ccu

### Skyper RZ F1 (24-280)

#### Perfect fruit size and quality in unlit high-wire systems

Skyper RZ produces well-filled dark green and nicely ribbed fruits that are not too long. The single-fruited plant is vigorous with strong fruit setting. Skyper RZ does not suffer from split heads. Skyper RZ is used for spring crops in unlit high-wire systems in northern Europe.

 wk 3-7

 Cca/Ccu

### Baltasara RZ F1 (24-275)



#### Adapted for high-wire systems with artificial light

Baltasara RZ produces medium to large-sized high-quality fruits that are dark green and nicely ribbed. The crop is vigorous with good fruit setting. The variety has been adapted for use in high-wire systems with higher levels of artificial light (200  $\mu\text{mol}$  or more). Baltasara RZ has high resistance to CGMMV and is mostly grown in Russia.

 wk 1-3, 40-52

 CGMMV/Cca/Ccu/Px (ex Sf)  CVYV

## Long cucumbers

### Aniara RZ F1 (24-274)

#### High-yielding in high-wire systems with artificial light

Aniara RZ produces medium to large-sized high-quality fruits that are dark green and nicely ribbed. The crop is vigorous with good fruit setting. Aniara RZ has been adapted for use in high-wire systems with higher levels of artificial light (200  $\mu\text{mol}$  or more). Aniara RZ is mostly grown in Scandinavia.

 wk 1-4, 40-52  Cca/Ccu/Px (ex Sf)  CVV

### Winmar RZ F1

#### Early winter variety for heavy fruits

Winmar RZ is a long cucumber variety that produces heavy, well-filled, dark green fruits with a nice rib. The quality and shelf life are good. The plant is strong and can cope with lower light conditions. The variety is fast and the fruit quality remains good until the end of the season. The intermediate resistance to powdery mildew is an extra advantage. Winmar RZ is mainly used in Canada in winter plantings in umbrella systems, and it is also used in unlighted high-wire systems throughout the winter.

 wk 42-52  Cca/Ccu  Px (ex Sf)

### Proloog RZ F1

#### Stable quality and good endurance

Proloog RZ is the standard long cucumber variety for spring cultivation in northwest Europe. Its uniform dark green and nicely ribbed fruits have a stable quality and shelf life. The average fruit size is 400 grams. Proloog RZ is an open and well-balanced plant type. The leaves are fairly small and the fruit setting is good. Proloog RZ also has very good stamina, with the added advantage of intermediate resistance against powdery mildew.

 wk 1-30  Ccu  Px (ex Sf)

## Long cucumbers

### Roadie RZ F1

#### Vigorous spring crop producing high-quality fruits

Roadie RZ produces well-filled and nicely ribbed dark green fruits that are not too long. The single-fruited plants are vigorous and the fruit setting is strong. Roadie RZ is used in umbrella and high-wire crops (with and without artificial light) in the spring in northern Europe and is particularly popular in France.

 wk 1-8

 Cca/Ccu  CVV/Px (ex Sf)

### Bonprima RZ F1



#### Strong endurance combined with CGMMV HR

Bonprima RZ is a high-quality long cucumber variety for spring cultivation cycles in northwest Europe. Bonprima RZ is very similar to the well-known variety, Proloog RZ. Bonprima RZ produces uniform dark green and nicely ribbed fruits with an average weight of 400 grams and a stable shelf life. The variety has an open and well-balanced plant, with fairly small leaves and good fruit setting. In addition to the good stamina of Bonprima RZ, CGMMV HR and its intermediate resistance against powdery mildew are other big advantages.

 wk 1-8

 CGMMV/Cca/Ccu  CVV/Px (ex Sf)

### Cervello RZ F1

#### Uniform with a good shelf life

Cervello RZ is a long cucumber variety that produces long, uniform fruits with an attractive colour, a nice rib and a good shelf life. The crop has an open habit and is labour-friendly. Cervello RZ is recommended for later winter plantings in both traditional and high-wire systems.

 wk 1-10, 49-52

 Cca/Ccu  CVV/Px (ex Sf)

## Long cucumbers

### Verdon RZ F1



#### Strong and reliable in extreme summer conditions

Verdon RZ produces long and well-filled cucumbers. The fruits are dark green and have attractive ribbing. Verdon RZ has very good vigour and strong fruit setting. The leaves do not grow too big, so the crop remains sufficiently open. Verdon RZ is strong against burned heads and can withstand more extreme summer conditions. It is used in umbrella and high-wire systems. The fruit size is large enough for the North American market and Verdon RZ is the leading variety in Canada and the USA.

wk 1-30

CGMMV/Cca/Ccu/Px (ex Sf) CMV/CVYV

### Boncanale RZ F1



#### Extra-long dark green fruits

The Boncanale RZ produces high-quality, extra-long, dark green fruits with nice ribbing. In fact, Boncanale RZ is one of the longest cucumbers on the market. The crop has strong vigour and good fruit setting. The leaves are not too big, so the plant remains rather open. The crop stays healthy and green for longer thanks to the Blueleaf trait. Boncanale RZ is suitable for growing in umbrella systems or high-wire systems. Boncanale RZ is especially popular in Canada and the USA.



CGMMV/Cca/Ccu/Px (ex Sf) CMV/CVYV

### Blueheaven RZ F1



#### Hot summer & high wire

Blueheaven RZ is giving long and high quality cucumbers. The fruits are dark ribbed and well filled. The plant is strong and fruit setting is good. Leaf size is average too small what will keep the crop rather open. Blueheaven RZ is strong against burning heads and can withstand hot summer conditions. We recommend Blueheaven RZ for high wire cultivation in areas with warm summers.

wk 4-36

CGMMV/Cca/Ccu/Px (ex Sf) CMV/CVYV

## Long cucumbers

### Bluesbrother RZ F1



#### Healthy and labour-friendly crop

Bluesbrother RZ produces high-quality, longer than average cucumbers. The dark green fruits are well filled and have nice ribbing. Bluesbrother RZ has good vigour and strong fruit setting. The small leaf size results in an open and labour-friendly crop. The plants remain green for longer thanks to the Blueleaf trait. Bluesbrother RZ is mostly used in umbrella systems, and is especially popular in Canada.

 wk 4-35

 CGMMV/Cca/Ccu/Px (ex Sf)  IR CMV/CVYV

### Bonbon RZ F1



#### The first CGMMV-HR variety in Northwest Europe

Bonbon RZ produces high-quality, averagely sized fruits that are well filled. It was the first BonDefense variety to be introduced in Northwest Europe. The plant also has intermediate resistance against powdery mildew. Bonbon RZ has good vigour and is a steady grower.

 wk 14-30

 CGMMV/Ccu  IR CVYV/Px (ex Sf)

### Bonnet RZ F1



#### Strong and sufficiently generative

Bonnet RZ is an all-round variety of long cucumbers for glasshouse cultivation. It produces medium-sized, dark green fruits with good ribbing. The plant has strong vigour and good fruit setting. Bonnet RZ performs well in a range of different conditions. It is used as a high-wire variety in winter with artificial light (> 200  $\mu\text{mol}$  HPS) and as an umbrella crop in summer.

 wk 17-28

 CGMMV/Ccu/Px (ex Sf)  IR CVYV

## Long cucumbers

### Diapason RZ F1



#### Strong summer variety

Diapason RZ is a long cucumber variety that produces good-quality fruits with a stable fruit length throughout the production cycle. The shelf life is excellent. The crop has good endurance and is well balanced. The plants are very strong and healthy thanks to the dark leaf colour, the high resistance to powdery mildew and the intermediate resistance against cucumber green mottle mosaic virus. Diapason RZ can cope well with extreme summer temperatures and stressful conditions, and is ideal for cultivation in late spring, summer and early autumn. This is the leading variety in the South of France.

wk 16-29

Cca/Ccu/Px (ex Sf) CMV/CVYV

### Marbon RZ F1



#### Strong in warm summers

Marbon RZ is a long cucumber variety that produces dark green, very well-filled fruits with a good rib. Marbon RZ has strong vigour and good fruit setting. The crop remains nice and open since the leaves are not too big. This variety is strong against burnt heads and can withstand the more extreme summer conditions. Marbon RZ is very reliable in both umbrella and high-wire systems and is an important variety in France.

wk 16-29

CGMMV/Cca/Ccu/PX (ex Sf) CMV/CVYV

### Stelvio RZ F1

#### High-quality summer cucumber

Stelvio RZ is a long cucumber variety for summer cultivation. Stelvio RZ produces high-quality, uniform dark green and nicely ribbed fruits with an average weight of 400 grams and a stable shelf life. Stelvio RZ is an open and well-balanced plant type with fairly small leaves and good fruit setting. Stelvio RZ has very good stamina, with the added advantage of high resistance against powdery mildew.



Cca/Ccu/Px (ex Sf)

## Long cucumbers

### Lausanna RZ F1

#### High-yielding and labour-friendly variety with good uniformity

Lausanna RZ is a reliable all-round cucumber for summer and autumn cultivation in glasshouses. The dark green and nicely ribbed fruits are generously sized and have a good shelf life. The crop is open and mostly single fruited. Lausanna RZ is strong against *Mycosphaerella* and less sensitive to *Pythium*. Lausanna RZ performs well in umbrella and high-wire systems.

 wk 14-34

 Cca/Ccu  CVYV

### Bonsanna RZ F1



#### High-yielding and uniform variety with CGMMV resistance

Bonsanna RZ is an all-round cucumber variety for summer and autumn cultivation in glasshouses. It produces slightly shorter dark green fruits with attractive ribbing and a good shelf life. The characteristics are very similar to the well-known variety Lausanna RZ, but Bonsanna RZ has one important extra trait: high resistance to Cucumber Green Mottle Mosaic Virus. This variety is also strong against *Mycosphaerella* and less sensitive to *Pythium*. The open crop mostly produces single fruits, which makes it a very labour-friendly variety. Bonsanna RZ performs well in both umbrella and high-wire systems.

 wk 9-33

 CGMMV/Cca/Ccu  CVYV

### Uniformico RZ F1

#### Extremely uniform variety

Uniformico RZ is a high-quality long cucumber variety that produces very uniform dark green fruits that are all well filled and nicely ribbed. The cucumbers have a good shelf life. The mostly single fruited plants are fairly open. As well as being less sensitive to *Mycosphaerella*, Uniformico RZ is also stronger against *Pythium*. Uniformico RZ is suitable for umbrella and high-wire systems.

 wk 9-32

 Cca/Ccu  CVYV

## Long cucumbers

### Bonifacio RZ F1



#### High-yielding variety with CGMMV-HR

Bonifacio RZ is a real high yielder in terms of the number of uniform, slightly smaller fruits it produces. The plants are open and quite generative, plus Bonifacio RZ is a labour-friendly variety because there are almost no double fruits. Bonifacio RZ is really strong against *Mycosphaerella*. Bonifacio RZ is suitable for umbrella systems.

wk 9-33

HR CGMMV/Cca/Ccu IR CVYV

### Consapino RZ F1 (t)



#### Small cavity

As the first variety with a really small cavity, Consapino RZ offers significant advantages for the processing industry in terms of waste reduction. Additionally, the high dry matter content in the fruits reduces leaking after slicing, which makes the processed product ideal for use in sandwiches. Consapino RZ is a vigorous crop that produces a slightly lower yield than a standard long cucumber variety. It is possible to grow Consapino RZ in umbrella and high-wire systems, but only in heated greenhouses.

wk 9-35

HR Ccu IR CVYV

### Cadence RZ F1



#### Strong grower with good fruit setting in various conditions

This all-round long cucumber for glasshouse cultivation is a strong grower with good fruit setting. The fruits are dark green, quite heavy and well ribbed. Cadence RZ performs well in a wide range of different conditions. In winter Cadence RZ is grown as a high-wire variety with artificial light (15,000-18,000 lux HPS). In summer this Cadence RZ performs best as an umbrella crop in a glasshouse but it is also suitable for semi-heated (warm air) greenhouses and as a soil crop, including for organic cultivation.

wk 1-52

HR Cca/Ccu/Px (ex Sf)

## Long cucumbers

### Stockeu RZ F1

#### Productive variety with powdery mildew resistance

Stockeu RZ yields a high number of average to small-sized fruits of a good, uniform quality. The plant type is compact yet open with small, upright leaves. Stockeu RZ performs best in summer umbrella systems, either in rockwool or soil.

 wk 11-31

 HR Ccu/Px (ex Sf)

### Climont RZ F1



#### High-yielding variety with powdery mildew resistance

Climont RZ is one of the highest-yielding summer varieties with powdery mildew resistance. It produces well-sized dark green fruits with attractive ribbing. The plant is strong and also open thanks to slightly smaller leaves. Climont RZ produces more double fruits and the fruit setting is strong. The transition to lateral production is very good in Climont RZ. This variety is suitable for umbrella systems. Climont RZ performs well on substrates but also in soil and organics.

 wk 11-31

 HR Cca/Ccu/Px (ex Sf)  IR CVYV

### Bonsoler RZ F1 (24-285)



#### High yield combined with strong resistances

Although this long cucumber for glasshouse cultivation is slower to go into production than other varieties in this segment, Bonsoler RZ ultimately yields a very large number of high-quality, uniform and slightly shorter fruits. The plant is very nice and compact with small, dark green leaves. Bonsoler RZ performs the best in summer in an umbrella system. Bonsoler RZ is suitable for rock-wool, soil and organic cultivation.

 wk 14-28

 HR CGMMV/Cca/Ccu/Px (ex Sf)  IR CVYV

**Bonsoler RZ F1**





## Asian cucumbers - Russian

### Gerakl RZ F1

#### Early crop and good quality

Gerakl RZ is a Russia-type cucumber that produces dark green fruits with a spined skin and short neck and fruit stem. The fruit length is 18 to 20 cm and its thick skin gives it good transportation qualities and shelf life. Its flavour is specific to this cucumber type. The plants are generative, develop quickly, have an open habit and are labour-friendly. Gerakl RZ is recommended for the former Soviet Union countries, with plantings from January to August in southern regions.

🕒 wk 8-15, 27-30    🛡️ HR Ccu    🛡️ IR CMV/CVYV/Px (ex Sf)

### Svyatogor RZ F1

#### Good in high-tech systems with artificial light

Svyatogor RZ is a F1 hybrid Russian-type cucumber and the first to do very well in high-tech, high-wire winter cultivations with artificial light in Russia. The fruits are very uniform, 20 to 22 cm in length and have a dark green shiny skin, covered in warts. The crop is vigorous, well-balanced and regenerates very well. Svyatogor RZ is suitable for winter and spring cycles in high-tech greenhouses and performs well under artificial light.

🕒 wk 1-52    🛡️ HR Ccu    🛡️ IR CVYV/Px (ex Sf)

### Muromez RZ F1 (27-402 RZ)



#### CGMMV resistant and good shelf life

Muromez RZ is a Russian-type cucumber with uniform fruits of 20 to 22 cm in length and dark green skin covered with warts. The plant is vigorous and well-balanced. A great advantage is its high resistance to cucumber green mottle mosaic virus (CGMMV). Muromez RZ is suitable for winter and spring cycles in high-tech greenhouses and performs well under artificial light.

🕒 wk    🛡️ HR CGMMV/Ccu    🛡️ IR CVYV/Px (ex Sf)





**Gerakl RZ F1**



we will  
wok you

## Asian cucumbers - Chinese

### Wokcue RZ F1

#### Chinese-type cucumber for high-tech cultivation

Wokcue RZ is a Chinese-type cucumber that produces straight, dark green spined fruits with a small cavity. It has a sweet flavour and the flesh is quite dry as it has a much higher dry matter content than long English cucumbers. This makes Wokcue RZ excellent for wok dishes and Chinese salads and a nice addition in the Western cucumber assortment. The crop is female flowering and single fruited. This is the first Chinese type that is suitable for high-tech greenhouse cultivation and is recommended for spring, summer and autumn cultivation in glasshouses.

🕒 wk 5-33

HR CMV/CVV/Cca IR ZYMV/Px (ex Sf)



## Midi cucumbers

### Mewa RZ F1

#### Good in high-wire systems with artificial light

Mewa RZ is a midi cucumber with dark green, nicely ribbed fruits. They have a uniform shape and an average length of 20-22 cm with some neck. The plant is vigorous and single fruited, producing very little abortion and a balanced setting. Mewa RZ is suitable for indoor high-wire cultivation and it performs very well in artificial light.

 wk 1-33

 Cca/Ccu  CVV/Px (ex Sf)

### Miroslava RZ F1 (20-812)

#### Good high-wire performer under artificial light

Miroslava RZ is a midi cucumber with dark green, well-ribbed fruits and a stable fruit length of 18 to 21 cm throughout the season. The plant is vigorous, single fruited and produces an early yield. Miroslava RZ is very tolerant to CGMVV and has good resistance to powdery mildew, without necrosis. Miroslava RZ is a strong performer under artificial light and is recommended for high-wire indoor cultivation.

 wk 1-33

 Cca/Ccu/Px (ex Sf)  CVV

### Media RZ F1

#### Attractive fruit with good shelf life

Media RZ is a midi cucumber that produces uniformed-shaped, dark green fruits with a nice rib and average length of 18 to 22 cm. They have a nice fresh flavour and the shelf life is good. Media RZ has an open habit, which makes this variety very labour-friendly, and it produces an early yield. Media RZ is recommended for almost year-round production in heated greenhouses.

 wk 1-33

 Cca/Ccu  CMV/CVV/Px (ex Sf)

## Midi cucumbers

### Yani RZ F1

#### High yield and good shelf life

Yani RZ is a midi cucumber with nicely filled, slender fruits that have a shiny, dark green skin, medium rib and average length of 20 cm. The fruits have a long shelf life, fresh flavour and crispy bite. The plant is vigorous and generative, with an open habit and it produces a good fruit setting that leads to an early and high yield. Yani RZ is single fruited on the stem with more multi-fruiting on the laterals. Yani RZ is recommended for early spring planting on rockwool and in soil cultures in Northern Europe.



HR Ccu IR CMV/CVYV

### Meleas RZ F1

#### Labour-friendly and good performer in low light

Meleas RZ is a midi cucumber that produces intense green, uniform fruits with a nice rib. They have a nice, fresh flavour and good shelf life. Meleas RZ has an open habit with short lateral growth and is well-balanced. It performs well in low-light conditions. Meleas RZ is recommended for indoor spring, summer and autumn cycles, for both traditional and high-wire systems.



HR Cca/Ccu IR CMV/CVYV/Px (ex Sf)



## Mini cucumbers

### Picowell RZ F1



#### High yield of uniform fruits

Picowell RZ is a mini cucumber variety that produces very uniform, straight and nicely shaped, dark green fruits of around 15 cm in length. The cucumbers have a long shelf life. The plant is labour-friendly, open and generative with good vigour. The crop has strong fruit setting and good balance. Suitable for both high-wire and traditional indoor heated cultivation. This variety also performs well under artificial light.

wk 4-32      Ccu      Px (ex Sf)

### Bonwell RZ F1



#### Resistant to CGMMV

Bonwell RZ is an early mini cucumber variety that produces good-quality fruits of 12-15 cm in length and an average weight of 85-120 grams. They have an attractive dark green colour and a nice shape. The plant has an open habit and is labour-friendly. Suitable for indoor cultivation in glass greenhouses, including under artificial light.

wk 4-32      CGMMV/Ccu      CMV/CVYV/Px (ex Sf)

### Skywell RZ F1

#### Very productive and good endurance

Skywell RZ is a mini cucumber variety that produces uniform fruits of 13-16 cm long with a good shelf life. Production starts early, and the crop has strong vigour and good endurance. Skywell RZ is adapted for high-wire cultivation in high-tech facilities and can also be grown under artificial light.

wk 1-52      Px (ex Sf)      CMV/CVYV

### Snowwell RZ F1 (22-569)

#### Flavoursome white mini cucumber

Snowwell RZ is a white mini cucumber variety that produces sweet, juicy and flavoursome fruits of XX cm in length, which is longer than Quinton RZ. The cucumbers have a satisfying crunch, with thick fruit flesh and a small cavity. The plant is elongated and single-fruited.

     Px (ex Sf)      CMV/CVYV

# Snowwell RZ F1



## Snack cucumbers

### Qwerty RZ F1



#### Early and high yield

Qwerty RZ is a snack cucumber variety that produces uniform dark green fruits with smooth skin and a good shelf life. The crop is generative and very early. It is strong in lower light conditions and generates a high yield. Qwerty RZ is suitable for early high-tech plantings and heated winter production.



HR Ccu IR CMV/CVYV/Px (ex Sf)

### Quatrino RZ F1



#### One-bite snack with very good shelf life

Quatrino RZ is a snack cucumber variety that produces dark green fruits of around 5-6 cm in length with a very good shelf life. The crop is generative with an open habit and generates a high yield. Quatrino RZ can be planted at a higher density and performs best in high-wire cultivation.



HR Ccu IR CMV/Px (ex Sf)

### Quayal RZ F1 (19-738)



#### Early and high-quality snack cucumber

Quayal RZ is a snack cucumber variety that produces dark green fruits with smooth skin and a good shelf life. The crop is generative and early in production. It has a resistance to Powdery mildew. Quayal RZ is suitable for high-tech cultivation in substrate.



HR Ccu IR CMV/CVYV/Px (ex Sf)



## Snack cucumbers

### Quarto RZ F1



#### An adaptable crop with a very good flavour

Quarto RZ is a snack cucumber variety that produces uniform, straight and well-filled fruits of 9-10 cm in length. The cucumbers have shiny skin, a good flavour and a crispy bite. Quarto RZ is a variety in the Sensational Flavours line, meaning it scores significantly higher than the market standard in terms of taste. The crop is generative with an open habit, well balanced and adaptable. Quarto RZ is suitable for year-round greenhouse cultivation.



HR Ccu/Px (ex Sf)

### Quinton RZ F1



#### High-quality white snack cucumber

Quinton RZ is a white-coloured snack cucumber variety that produces nicely shaped and flavoursome fruits of 9-10 cm in length. Its attractive appearance, combined with the good shelf life, makes this variety very suitable for mixed snack concepts. The crop is double-fruited with short internodes. Quinton RZ is suitable for high-tech and protected cultivation.



HR Px (ex Sf)

### Quirk RZ F1



#### A colourful addition to the snack segment

Quirk RZ is a blocky-shaped snack cucumber with nicely spined skin and an average fruit length of 5-6 cm. It is strikingly bicoloured; the colour changes from green on one side to white on the neck side. Besides its very attractive appearance, it also has a sweet flavour. The plant is dark green and compact with small leaves. Quirk RZ suitable for heated and unheated greenhouse production.



HR Px (ex Sf) IR CMV



**Quayal RZ F1**





# Gherkins

## Harmonie RZ F1



### High and early yield

Harmonie RZ is still successful after 20 years on the market. It produces fruits with a smooth skin and an average length of 12 cm. The length/diameter ratio is 3:1. The crop is open and generative, and production is high and early. Harmonie RZ is suitable for cultivation in glasshouses and is ideal for the processing industry.

HR Ccu/Px (ex Sf) IR CMV

## Valigora RZ F1



### High-wire cultivation under artificial light

Valigora RZ is a European-spined gherkin variety that produces high-quality and uniform dark green fruits. It is a strongly vegetative and single-fruited crop. Valigora RZ is the first variety for high-wire cultivation under artificial light with the unique gherkin taste. It achieves a high yield compared to current gherkin varieties when grown under artificial light and displays no symptoms of necrosis.

HR Ccu/Px (ex Sf) IR CMV/CVYV

## Promissa RZ F1



### Very healthy variety

Promissa RZ produces very uniform, mid-green and straight fruits with a length/diameter ratio of 3.0:1. It is a very healthy variety, with strong resistances against ZYMV, Bacteriosis and Didymella. The crop is stable with good regeneration. It is not sensitive to changeable weather conditions and has good endurance, resulting in a long season. Promissa RZ is suitable for outdoor vertical cultivation and can be used for the processing industry.

HR Ccu/Px (ex Sf) IR CMV/ZYMV



# Gherkins

## Rapper RZ F1



### Very early variety

Rapper RZ produces very uniform, smooth, dark green fruits with an average length of 12 cm. It is a very early variety and has an open plant habit. Rapper RZ can be grown in spring, summer and autumn under plastic and outdoors (both traditionally and vertically). It is suitable for both the fresh market and the processing industry.

**HR** Ccu/Px (ex Sf) **IR** CMV/ZYMV

## Kybria RZ F1



### Suitable for indoor and outdoor cultivation

Kybria RZ is a multi-fruited gherkin variety with stable fruit quality. The average fruit length is 12 cm. The plants are open with limited side-shoot development. This variety is suitable for both indoor and outdoor cultivation on wire and is ideal for the processing industry.

**🕒** wk 8-15, 23-33 **HR** Ccu/Px (ex Sf) **IR** CMV



# Rootstock

## Cobalt RZ F1

### Early and well-balanced rootstock

Cobalt RZ is a successful combination with melon and watermelon varieties because it results in good fruit quality with less influence on taste. It is comparable with Azman RZ F1 and Ferro RZ F1. Cobalt RZ produces a well-balanced plant without excess vigour and is slightly earlier than other squash hybrids. It is suitable for use in subtropical dry climate zones.



**HR** Fom:0,1,2,1.2/For/Va **IR** Fon:0-2

## Affyne RZ F1

**NCT**

### Grafting success in cucumber

Affyne RZ is a *C. sativus* rootstock that has excellent affinity with the cucumber varieties and a good grafting success rate in cucumber. This rootstock has medium vigour with a good generative effect. It has a resistance to Fusarium. Affyne RZ is recommended for substrate crops in temperate areas and also for protected cultivation in soil in sub-tropical areas.



10/1 - 20/8

**HR** - **IR** For/Va

## Combyne RZ F1



**NCT**

### Good vigour and resistances

Combyne RZ is a Fusarium and Pythium-resistant cucumber rootstock with a good level of vigour.



10/1 - 20/8

**HR** - **IR** For/Px (ex Sf)



# Abbreviations, resistance definitions

## Cucumber and Gherkin

Ccu	Cladosporium cucumerinum
Cca	Corynespora cassiicola
CGMMV	Cucumber green mottle mosaic virus
CMV	Cucumber Mosaic virus
CVYV	Cucumber vein yellowing virus
Px (ex Sf)	Podosphaera xanthii (ex Sphaerotheca fuliginea)

## Rootstock Cucurbitaceae

Fom	Fusarium oxysporum f. sp. melonis
Fon	Fusarium oxysporum f. sp. Niveum
For	Fusarium oxysporum f. sp. radicis-cucumerinum
Va	Verticillium albo-atrum

## Definition of the Terms Describing the Reaction of Plants to Pests <sup>1</sup> and Abiotic Stresses for the Vegetable Seed Industry

(Adopted by the ISF Vegetable and Ornamental Crops Section in June 2012)

### 1. Introduction

The relationship between a plant and a pest is very complex. The terms that describe the reaction of a plant variety to a pest are determined by tests under controlled environmental conditions with known and characterized biotypes, pathotypes, races or strains of the pest in question.

In practice however, the ability of a pest to cause disease in a plant depends on environmental conditions, the properties of the organism itself and the capacity of the plant to defend itself. Varieties within a plant species can differ in their ability to defend themselves. Under different conditions, such as age of the plant, pest pressure and virulence or adverse environmental conditions, the interaction between the same plant and pest may have different outcomes. Pests are known to develop and form new biotypes, pathotypes, races or strains that can cause damage to plants that remain unaffected by the original form of the pest.

To promote consistency in the terms used to describe the reaction of a plant to a pest, ISF Vegetable and Ornamental Crops Section has defined the following terms.

### 2. Definitions

Susceptibility is the inability of a plant variety to restrict the growth and development of a specified pest.

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<sup>1)</sup> FAO defines a pest as: Any species, strain or biotype of plant, animal or pathogenic agent injurious to plants or plant products. Pathogens (microorganisms such as bacteria, viruses and fungi that cause a disease) are, therefore, included in the term "pest".

## and disclaimer

Resistance is the ability of a plant variety to restrict the growth and development of a specified pest and/or the damage they cause when compared to susceptible plant varieties under similar environmental conditions and pest pressure.

Resistant varieties may exhibit some disease symptoms or damage under heavy pest pressure. Two levels of resistance are defined.

High resistance (HR): plant varieties that highly restrict the growth and development of the specified pest under normal pest pressure when compared to susceptible varieties. These plant varieties may, however, exhibit some symptoms or damage under heavy pest pressure.

Intermediate resistance (IR): plant varieties that restrict the growth and development of the specified pest but may exhibit a greater range of symptoms or damage compared to high resistant varieties. Intermediately resistant plant varieties will still show less severe symptoms or damage than susceptible plant varieties when grown under similar environmental conditions and/or pest pressure.

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.

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. New biotypes, pathotypes, races or strains that may emerge are not covered by the original resistance claim.

Immunity is when a plant is not subject to attack or infection by a specified pest.

### Disclaimer

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The pictures in this catalogue show the types to which the varieties as mentioned belong and not all varieties as such. These pictures do not constitute any warranty, express or implied, of crop performance

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