

PROTECTED CROPPING

Seed Catalogue 2026-27

New Zealand




Seminis



De Ruiter

/// Vegetables by Bayer



***Welcome to the Seminis and
De Ruiter protected cropping seed
catalogue for 2026-27 - a showcase
of reliability and innovation built
around the needs of modern growers.***

As protected cropping continues to evolve in New Zealand and across the world, so too must the genetics, insights and support that underpin successful production. This catalogue brings together our latest advancements in vegetable seed breeding, shaped by global innovation and refined through local validation. Every variety featured reflects our commitment to listening to growers, responding to real-world challenges, and delivering solutions that support performance, resilience and market success. We are proud to partner with New Zealand's protected cropping community as you plan, invest and grow with confidence.

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Icon Legend



Heated



Unheated



Truss Tomato



Loose Tomato



Tomato



Cucumber



Eggplant



Deep red colour inside and out, delivering uniform ripening, reduced grading and a higher proportion of marketable fruit.



Tomato

Tomato

Large Truss / Loose 150-165 grams

Merlice

The benchmark for productivity, reliability and low-labour greenhouse production

Merlice has earned its reputation as one of the most trusted large truss tomatoes in protected cropping. Recognised for its exceptional productivity, high average fruit weight and dependable performance, Merlice combines strong marketable yields with labour efficiency and crop reliability. Suitable for both truss and loose harvest, Merlice remains a proven choice for New Zealand growers seeking maximum returns from high-tech greenhouse production.

- // Outstanding yield potential, making Merlice one of the highest-producing varieties in the large truss or loose segment
- // High average fruit weight supports strong pack-outs and marketable yield
- // Suitable for both truss and loose harvest programs, providing marketing flexibility
- // Intermediate resistance to Powdery mildew provides added crop security and reduces production risk



Resistance

HR ToMV:0-2/Pf:A-E/Fol:0,1/For/Va:0/Vd:0
IR On

Shape

Round

Colour

Red

Weight

150-165 grams

Harvest

Truss or Loose

Large Truss / Loose 150-170 grams

Marinice

Versatile large truss or loose performance for every season

Marinice is a premium large truss or loose tomato developed for growers seeking year-round performance, outstanding fruit quality and strong crop endurance. Combining a vigorous, semi-open plant with excellent fruit size, shape and shelf life, Marinice delivers the flexibility to perform across both winter and summer crop cycles while maintaining the consistency and reliability demanded by New Zealand's professional greenhouse industry.

- // Suitable for year-round production, including both winter and summer crop cycles
- // Strong, semi-open plant habit supports crop endurance and easier labour management
- // Delivers attractive, shiny FULLRED fruits with excellent shape
- // Excellent fruit quality with strong shelf life, helping maximise pack-out and marketability



Resistance

HR ToMV:0-2/ToTV/Pf:A-E/Fol:0,1/For/Va:0/Vd:0
IR On

Shape

Round

Colour

Red

Weight

150-170 grams

Harvest

Truss or Loose

Large Truss / Loose 150-170 grams

Produce

Capture premium early-season returns with a vigorous, high-performing tomato

Produce is a premium large truss or loose tomato developed for growers seeking strong early production, high plant vigour and reliable crop performance in heated greenhouse systems. Combining early harvest potential with a tall, vigorous plant and attractive jointless trusses, Produce offers growers the opportunity to target premium market windows while maintaining fruit quality and crop strength throughout extended production cycles.

- // Strong plant vigour supports crop resilience and sustained production throughout the season
- // Very early harvesting potential helps capture high-value market opportunities and premium pricing
- // Produces attractive jointless trusses, supporting efficient harvest and improved presentation
- // Average fruit weight of 150-170 grams, delivering a market-preferred large truss profile



Resistance

HR ToMV:0-2/ToTV/Fol:0,1/For/Pf:A-E/SbI/Sl/Ss/Va:0/Vd:0
IR TSWV:0/On

Shape

Round

Colour

Red

Weight

150-170 grams

Harvest

Truss or Loose

Large Truss / Loose 150-170 grams

Reditry

NEW TO TRIAL

Built for tough conditions and premium truss quality

Reditry is a next-generation large truss tomato designed for growers who need reliability, strong plant performance, and a premium truss product that stands up in challenging environments. With excellent internal colour, strong flavour, and one of the broadest resistance packages on the market, Reditry delivers confidence from planting to harvest.

- // Early yielding plant type, with fast colouring
- // Intermediate resistance to ToBRFV
- // Glossy fruits with an average fruit weight of 150 - 170 grams
- // Good plant vigour for more extreme climate conditions
- // High °Brix levels above 5
- // Fewer problems with blotchy ripening thanks to deep red colour



Resistance

HR ToMV:0-2/ToTV/Fol:0,1/For/Pf:A-E/SbI/Sl/Ss/Va:0/Vd:0
IR ToBRFV/TSWV:0/TYLCV/Lt/On

Shape

Round

Colour

Red

Weight

150-170 grams

Harvest

Truss or Loose

Tomato

Large Truss / Loose 160-170 grams

Luminiy

NEW TO TRIAL

High-tech truss tomato built for yield, uniformity and strong virus protection

Luminiy is a new-generation large truss tomato developed for modern protected cropping. It delivers the combination growers are asking for: reliable setting, excellent truss uniformity, strong plant balance, and the added security of multi-gene Intermediate resistance to ToBRFV.

- // Robust disease resistance package, including multi-gene Intermediate resistance to ToBRFV and Intermediate resistance to Powdery mildew
- // Compact balanced plant habit with good vigour
- // Fast setting
- // Competitive yield potential with a high percentage of marketable fruit
- // Good fruit shape and size uniformity
- // Has demonstrated good shelf-life



Resistance

HR ToMV:0-2/ToTV/Fol:0,1/For/Pf:A-E/SbI/SL/Ss/Va:0/Vd:0
IR ToBRFV/TSWV:0/On

Shape

Round

Colour

Red

Weight

160-170 grams

Harvest

Truss or Loose

Large Truss / Loose 160-190 grams

Breonice

FULLRED quality, outstanding yield and premium truss presentation

Breonice is a premium large truss or loose tomato that combines exceptional fruit quality with strong yield potential and season-long consistency. Featuring glossy FULLRED fruit on attractive jointless trusses, Breonice delivers the visual appeal, shelf life and pack-out performance demanded by New Zealand greenhouse growers. With balanced plant vigour, excellent fruit uniformity and Intermediate resistance to Powdery mildew, Breonice provides the confidence to produce premium fruit across year-round production programs.

- // Produces large, glossy FULLRED fruit with excellent internal and external colour, supporting premium market presentation
- // Attractive jointless trusses and uniform fruit production help maximise harvest efficiency and pack-out quality
- // Semi-open, balanced plant habit supports easier crop management and consistent production
- // Large fruit size of 160-190 grams provides excellent marketable yield and strong retail appeal



Resistance

HR ToMV:0-2/Pf:A-E/Fol:0,1/For/Va:0/Vd:0
IR Lt/On/Pi

Shape

Round

Colour

Red

Weight

160-190 grams

Harvest

Truss or Loose

Large Truss / Loose 170-190 grams

Grandice

Extra-large, FULLRED truss tomato for high-tech production

Grandice is a high-performing, jointless large-truss tomato built for commercial producers who need strong yields, superior fruit finish and season-long consistency in high-tech glasshouse systems. With its glossy FULLRED fruit and robust resistance package, Grandice gives growers confidence from planting to pack-out.

- // Delivers consistently strong production throughout the crop cycle, supported by a vigorous indeterminate plant
- // Produces 170-190 g fruits that are glossy, uniform and intensely red inside and out
- // Strong, uniform trusses with jointless fruit attachment help streamline harvest and reduce post-harvest damage
- // Combination of firmness, glossy finish and FULLRED colour supports higher Class 1 pack-out and strong retail presentation
- // Strong resistance package for secure production
- // Suitable for year-round cropping in high-tech glasshouses



Resistance

HR ToMV:0-2/ToTV/Pf:A-E/Fol:0,1/For/Va:0/Vd:0
IR On

Shape

Round

Colour

Red

Weight

170-190 grams

Harvest

Truss or Loose

Large Truss / Loose 180-200 grams

Grandice RES

NEW

Stronger. Safer. Same Grandice quality, now with ToBRFV resistance

Grandice RES takes everything growers value about Grandice - large, glossy, FULLRED fruit and strong, reliable yield - and adds the confidence of multi-gene Intermediate resistance to ToBRFV, making it a secure choice for modern protected cropping.

- // Upgraded protection with multi-gene Intermediate resistance to ToBRFV
- // Strong, balanced plant habit with high vigour
- // Large, glossy FULLRED fruits with premium appearance
- // Consistent fruit size, even in summer conditions
- // Reliable yield potential across the crop cycle
- // Extensive disease-resistance package for reduced crop risk



Resistance

HR ToMV:0-2/ToTV/Fol:0,1/For/Pf:A-E/SbI/Sl/Ss/Va:0/Vd:0
IR ToBRFV/On/Ma/Mi/Mj

Shape

Round

Colour

Red

Weight

180-200 grams

Harvest

Truss or Loose

Tomato

Large Truss / Loose 180-200 grams

Serenity

NEW

Large, FULLRED truss tomato with strong vigour and multi-gene ToBRFV resistance

Serenity is a next-generation large truss tomato built for growers who need secure virus resistance, strong plant balance and premium fruit size. With multi-gene Intermediate resistance to ToBRFV and consistently large, high-quality FULLRED fruit, Serenity is designed for modern high-tech greenhouse production.

- // Multi-gene Intermediate resistance to ToBRFV
- // Strong, vigorous, balanced plant habit
- // Big, uniform truss fruit with excellent internal and external red colour - ideal for high-value truss markets
- // High yield potential with good quality retention
- // Reliable performance in high-tech greenhouses
- // Intermediate resistance to Powdery mildew



Resistance

HR ToMV:0-2/ToTV/Fol:0,1/For/Pf:A-E/SbI/Sl/Ss
IR ToBRFV/TSWV:0/On

Shape

Round

Colour

Red

Weight

180-200 grams

Harvest

Truss or Loose

Saladette

Prunus

High-yield saladette tomato delivering uniform trusses and production flexibility

Prunus is a versatile saladette tomato that combines high yield potential with excellent truss presentation and year-round production flexibility. Suitable for both truss and loose harvest, Prunus produces uniform, well-coloured fruit on an open, long plant with strong truss production. With Intermediate resistance to Powdery mildew and adaptability across exposed and protected cropping systems, Prunus offers New Zealand growers a reliable option for premium saladette programs.

- // High yield potential supported by a strong truss-setting habit and high truss numbers throughout the crop cycle
- // Suitable for both truss and loose harvest, providing flexibility across different market requirements
- // Open, long plant habit promotes strong crop balance and consistent production performance
- // Uniform, well-coloured fruit delivers attractive presentation and strong market appeal



Resistance

HR ToMV:0-2/Fol:0,1/For/Va:0/Vd:0
IR On

Shape

Plum

Colour

Red

Weight

110 grams

Harvest

Truss or Loose

Cherry Round Truss / Loose

DR0607TC

The proven cherry tomato combining early yield, flavour and market appeal

DR0607TC has established itself as a reliable performer in the premium cherry truss or loose segment, delivering the combination of early production, attractive truss presentation and excellent eating quality that modern greenhouse growers demand. Producing uniform 15 gram fruit on well-structured trusses, DR0607TC continues to perform strongly in both truss and loose harvest programs, offering growers a proven balance of yield, quality and consumer appeal.

- // Uniform, attractive trusses create strong shelf appeal and consistent pack presentation
- // Suitable for both truss and loose harvest, providing flexibility to meet changing market requirements
- // Potential to harvest double trusses, supporting efficient production and harvest productivity
- // Excellent shelf life and an outstanding combination of yield and flavour help drive consumer satisfaction and repeat purchase



Resistance

HR ToMV:0-2/ToTV/Pf:A-E/Fol:0,1/Va:0/Vd:0
IR Ma/Mi/Mj

Shape

Round

Colour

Red

Weight

15 grams

Harvest

Truss or Loose

Cherry Round Truss / Loose

DRC 564

Premium deep-red cherry truss tomato for high-tech glasshouse production

DRC 564 is a standout cherry truss variety for growers seeking consistent truss quality, strong flavour, and reliable performance in high-tech glasshouse environments. Its long, uniform trusses and deep-red colour make it a premium option for retailers and consumers alike, while its easy-to-grow plant habit helps ensure smooth production cycles year-round.

- // Long, uniform trusses with strong visual appeal and consistent fruit set
- // Deep red fruit colour at full ripeness, supporting premium shelf presentation
- // Excellent flavour profile with strong consumer acceptance
- // High resistance to cracking, ensuring strong pack-out and reduced waste
- // Easy to grow, with medium vigour and stable performance in high-tech systems



Resistance

HR ToMV:0-2/Fol:0,1/Va:0/Vd:0
IR TSWV:0/Ma/Mi/Mj

Shape

Round

Colour

Red

Weight

15-20 grams

Harvest

Truss or Loose

Tomato

Cherry Round Truss / Loose

Queenita

High-yield cherry truss or loose performance with outstanding plant health and crop endurance

Queenita is a premium cherry round truss or loose tomato developed for growers seeking strong yield potential, excellent eating quality and improved crop security. Combining attractive, uniform cherry fruit with a robust fungal disease resistance package, Queenita delivers season-long performance in heated greenhouse production. With strong truss architecture, reduced labour requirements and high marketable yield potential, Queenita offers growers a reliable solution for premium cherry tomato programs.

- // Long-cropping suitability supports sustained production and profitability across extended greenhouse cycles
- // High resistance to Leaf Mold (Pf:A-E) and Intermediate resistance to Powdery mildew, helping reduce crop risk and fungicide reliance
- // High yield potential, delivering strong kilograms per square metre and excellent commercial performance
- // Attractive cherry fruit weighing 15-22 grams with strong consumer appeal and good eating quality



Resistance

HR ToMV:0-2/ToTV/Pf:A-E/Fol:0,1/For/Va:0/Vd:0
IR Pst:0/Lt/On/Ma/Mi/Mj

Shape

Round

Colour

Red

Weight

15-22 grams

Harvest

Truss or Loose

Cherry Round Truss / Loose

Red Delight

High-yielding cocktail tomato with exceptional truss presentation and reliable year-round performance

Red Delight is a premium cocktail tomato developed for growers seeking strong yields, attractive truss presentation and consistent fruit quality. Producing uniform, evenly ripening fruit with excellent market appeal, Red Delight combines strong plant vigour with dependable performance across a range of growing conditions. Its ability to perform in cooler conditions and suitability for both truss and loose harvest provides New Zealand growers with a versatile option for premium cocktail tomato programs.

- // Uniform ripening delivers consistent colour development and enhanced shelf presentation
- // Strong plant habit supports reliable production and sustained crop performance
- // Attractive cocktail-sized fruit averaging 45-50 grams, ideal for premium fresh-market and specialty retail programs
- // Suitable for both truss and loose harvest, providing flexibility across multiple market channels



Resistance

HR ToMV:0-2/Pf:A-E/Fol:0,1/For/Va:0/Vd:0
IR -

Shape

Round

Colour

Red

Weight

45-50 grams

Harvest

Truss or Loose

Cherry Plum Truss

Beautisher

NEW TO TRIAL

High °Brix cherry plum truss tomato with strong yield potential

Beautisher is a red cherry plum tomato designed for growers seeking strong plant performance, higher average fruit weight, and a robust yield profile. With excellent flavour potential, high °Brix levels, and a grower-friendly plant habit, Beautisher delivers a reliable specialty tomato option for protected cropping environments.

- // High average fruit weight and high yield potential
- // High °Brix levels, offering excellent perceived sweetness
- // Grower-friendly plant structure
- // Attractive red cherry-plum fruit
- // Performs competitively in consumer evaluations



Resistance

HR ToMV:0-2/ToTV/Fol:0,1/Pf:A-E/SbI/Sl/Ss/Va:0/Vd:0
IR ToBRFV/Pst:0/Lt/On/Ma/Mi/Mj

Shape

Cherry Plum

Colour

Red

Weight

10-15 grams

Harvest

Truss

Cherry Plum Loose

Bohemia

NEW TO TRIAL

High-flavour cherry plum for loose harvest with strong yield potential

Bohemia is a next-generation cherry plum (grape) tomato hybrid designed for protected cropping growers who need both consistent yield and standout eating quality. With Intermediate resistance to ToBRFV, excellent °Brix and juiciness, and strong consumer liking, Bohemia gives growers a reliable, premium option for modern loose-harvest programs.

- // Excellent flavour with strong consumer liking
- // Strong yield potential in the cherry plum loose segment
- // Average fruit weight of 10–15 grams
- // Intermediate resistance to ToBRFV
- // Low fruit fall and strong fruit quality
- // Flexible loose-harvest performance



Resistance

HR ToMV:0-2/ToTV/Fol:0-2/Pf:A-E/SbI/Sl/Ss/Va:0/Vd:0
IR ToBRFV/TSWV:0/Pst:0/On/Ma/Mi/Mj

Shape

Cherry plum

Colour

Red

Weight

10-15 grams

Harvest

Loose

Tomato

Cherry Plum Loose

DR0603TC

High-flavour snacking tomato

DR0603TC is a specialty snacking tomato hybrid developed for premium loose-pack programs and has been prioritised by major retailers in New Zealand for its strong eating quality and fit within established snacking tomato brands. With reliable supply, attractive fruit, and strong retailer demand, DR0603TC gives growers a secure option for high-value protected-cropping windows.

- // Preferred by key retailers for premium snacking lines
- // Suited to protected cropping specialty tomato programs
- // Strong performance in the New Zealand market
- // Reliable fruit quality suited for snacking formats



Resistance

HR ToMV:0-2/ToTV/Pf:A-E/Fol:0,1/Va:0/Vd:0
IR On/Ma/Mi/Mj

Shape

Cherry Plum

Colour

Red

Weight

10-15 grams

Harvest

Loose

Responding to *The ToBRFV Challenge*

At Bayer, we believe the solution lies in Horizontal resistance breeding.



The most commonly used ToBRFV High Resistance in commercial tomato varieties has been broken by a simple mutation found in a commercial glasshouse.



“Plant RNA viruses, such as ToBRFV, have a high mutation rate and exist in infected plants as a complex of different isolates” (Harrison, 2002*) “which is dynamic and allows quick selection of mutants with increased fitness” (LaTourrette and Garcia-Ruiz, 2022**). For these viruses, a single resistance strategy is optimistic, and exposes the grower to risk.



The so-called Vertical resistance strategy, relying on a single gene to protect against pathogens, can bring a rapid and much valued solution to our industry. However, without the strength of durable resistance from a Horizontal resistance strategy, this peace of mind is short-lived. Stacking multiple resistance genes against ToBRFV takes longer but brings much needed long term security.

* Harrison, B. D. (2002). Virus variation in relation to resistance-breaking in plants. *Euphytica* 124, 181-192. doi: 10.1023/A:1015630516425

** LaTourrette, K., and Garcia-Ruiz, H. (2022). Determinants of virus variation, evolution, and host adaptation. *Pathog. (Basel Switzerland)* 11, 1039. doi: 10.3390/pathogens11091039

	VERTICAL RESISTANCE	HORIZONTAL RESISTANCE
Definition	Vertical resistance is the resistance of plants against pathogens that is controlled by a single gene	Horizontal resistance is the resistance of plants against pathogens that is controlled by multiple genes
Stability and Durability	Unstable and less durable	Stable and highly durable
Genes Controlling Resistance	Controlled by a single gene	Controlled by multiple genes





Rootstock

Rootstock

Tomato

DR0141TX

Your roots of performance

This rootstock combines it all. The absolute superior power in this rootstock can be exploited and converted into higher yield potential and will equally give better endurance in long summer crops.

- // Superior power and endurance – supports long cycles and maintains strong production
- // High vegetative vigour, helping maintain stem uniformity and truss count
- // Developed with modern glasshouse systems in mind
- // Strong disease resistance package



Resistance

HR ToMV:0-2/Fol:0,1/For/PL/Va:0/Vd:0
IR Ma/Mi/Mj

Ideal Scion Types

Large truss varieties

High-vigour beef or gourmet lines

Any scion prone to running generative and needing stronger vegetative support



Tomato

DRTX1447

NEW TO TRIAL

Your balanced ToBRFV-resistant tomato rootstock

DRTX1447 is a ToBRFV resistant rootstock with intermediate vigour, designed to limit excess scion power rather than to push vigour. This rootstock is targeted at growers struggling with overly vigorous scions, where simplification of crop management is a priority.

- // Moderate vigour
- // Stable endurance across long cycles, suitable for glasshouse and greenhouse production
- // Supports good fruit set and size under heat and humidity stress conditions
- // Rapid early development, keeping pace with commercial standards in nursery/tray trials



Resistance

HR ToMV:0-2/Fol:0-2/For/Pf:A-E/PL/Va:0/Vd:0
IR ToBRFV/Ma/Mi/Mj

Ideal Scion Types

Very vigorous scions

Where full ToBRFV resistance is required

Scions where use of Maxifort or DRTX0141 rootstock will be too strong



Rootstock

Tomato

DRTX0318

NEW TO TRIAL

Your next-generation ToBRFV-resistant tomato rootstock

DRTX0318 is a vigorous, endurance-focused tomato rootstock designed for growers needing strong crop support, enhanced fruit quality and Intermediate resistance to ToBRFV. Trialled extensively across Europe and Mexico, DRTX0318 delivers a powerful blend of vigour, generativity, heat tolerance and fruit quality benefits.

- // Strong vigour and endurance
- // Multiple trials have shown improved fruit quality, including reduced Blossom End Rot
- // Maintains fruit size and yield under heat and humidity stress
- // Performs well across multiple greenhouse systems, including mid- to high-tech glasshouse



Resistance

HR ToMV:0-2/Fol:0-2/For/Pf:A-E/Pl/Va:0/Vd:0

IR ToBRFV/Ma/Mi/Mj

Ideal Scion Types

Loose round / Beef

Cocktail / Specialty tomatoes

Tomato

Equifort

Your roots of control

Equifort is a generative tomato rootstock enabling better control of the plant and a more balanced crop. Equifort directs its vigour and activity towards fruit production, leading to higher average fruit weight and a larger number of trusses.

- // Generative rootstock – promotes fruit production, higher average fruit weight and more trusses
- // Provides greater crop control, reducing excessive vegetative behaviour in the scion
- // Improves average fruit weight through increased generativity
- // Strong resistance package for secure production across seasons



Resistance

HR ToMV:0-2/Fol:0,1/For/Pl/Va:0/Vd:0

IR Ma/Mi/Mj

Ideal Scion Types

Large truss scions that tend to be vegetative

Beef and round types where fruit load and average fruit weight are priorities

Scions where growers want tight plant control rather than high vegetative push

Rootstock

Tomato, Eggplant

Maxifort

Your roots of endurance

The rootstock for substrate crops that has proven its value over and over again throughout New Zealand's summers. Your safe choice, even for vegetative scions, Maxifort provides a balanced growth to maximise your yield.

- // Highly dependable summer performance, proven through New Zealand summers
- // Balanced growth pattern, suitable even for more vegetative scions
- // Maximises yield through strong endurance and stable season-long support
- // Comprehensive resistance package



Resistance

HR ToMV:0-2/Fol:0,1/For/PI/Va:0/Vd:0
IR Ma/Mi/Mj

Ideal Scion Types

High-yielding gourmet and truss types in hot climates
Scions that can handle moderate vegetative push
Summer-crop beef varieties needing extra endurance

Cucumber

RS841

Your versatile rootstock for cucumber production

RS841 is a proven, multi-crop rootstock used across protected cropping systems in New Zealand. With demonstrated performance in cucumber rootstock trials and strong adoption across commercial programs, RS841 provides growers with a dependable, adaptable platform for cucumbers.

- // Proven performance
- // Reliable option for long-season production
- // Supports improved crop resilience

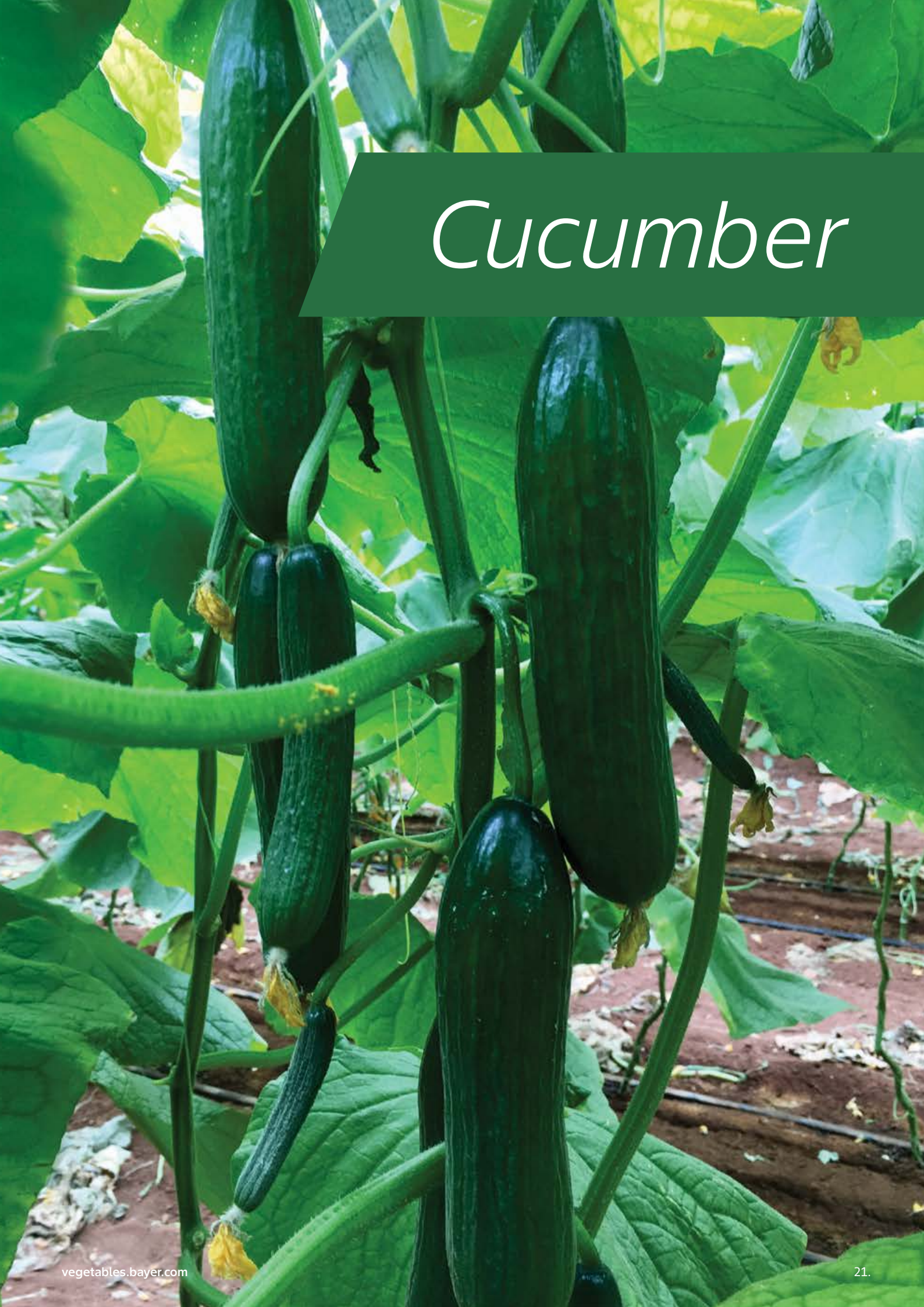


Resistance

HR Foc:1,2/Fom:0,1,1,2,2/Fon:1,2/For/Ps
IR Rs/Vd/Ma/Mi/Mj

Ideal Scion Types

Long Dutch cucumber types
High-value protected-cropping cucumbers
Scions requiring reliable support in hydroponic or substrate-based systems



Cucumber

Cucumber

Continental

Aurelius

NEW TO
TRIAL

Stable winter performance with upgraded resistances

Aurelius is a high-performing long-Dutch cucumber bred for strong vigour, consistent fruit quality and reliable productivity through the colder medium-winter window. It combines dark, ribbed fruit with an improved resistance package.

- // Strong plant vigour suited to long winter cycles and coastal cold-stress regions
- // Dark green, ribbed, uniform fruit with no bottlenecking and stable length across the season
- // Excellent plant recovery in cold conditions and during dips in light levels
- // Vegetative, light-green plant type that maintains balance throughout extended cycles



Resistance

HR Cca/Ccu

IR CGMMV/CVYV/CYSDV/ToLCNDV/Px

Season

Autumn-Winter

Average Fruit Length

30-34cm

Average Fruit Weight

400-450 grams

Continental

Dominica

NEW TO
TRIAL

Brilliant colour, regular production and effortless crop management

Dominica is a versatile Dutch continental cucumber developed for growers seeking year-round production, premium fruit presentation and a straightforward crop to manage. With its vigorous plant habit, medium-length internodes and consistently uniform dark-green fruit, Dominica delivers the combination of reliability, quality and crop balance required for modern New Zealand greenhouse production.

- // Regular and dependable production supports consistent supply throughout the crop cycle
- // Attractive dark-green fruit with brilliant colour delivers strong visual appeal and premium market presentation
- // Uniform fruit shape and sizing, with fruit typically reaching 31-37 cm in length
- // Vigorous plant habit provides strong crop performance while maintaining good plant balance



Resistance

HR Px

IR -

Season

All year

Average Fruit Length

31-37 cm

Average Fruit Weight

425-475 grams

Cucumber

Continental

DRCE1353

NEW TO TRIAL

Early production, premium fruit quality and strong crop vigour

DRCE1353 is a high-performing long English cucumber developed for spring and summer production in modern protected-cropping systems. Combining early maturity, strong vigour and a high percentage of market-preferred medium-sized fruit, DRCE1353 delivers the balance of productivity, fruit quality and grower-friendly management required for profitable greenhouse production.

- // High yield potential with a high percentage of medium-sized fruit, supporting premium pack-outs and marketable yield
- // Early maturity helps growers capture valuable spring and summer market opportunities
- // Dark-green, straight fruit with good ribbing and uniform shape delivers excellent visual appeal and market presentation
- // Open plant habit with short internodes promotes airflow, visibility and efficient crop work



Resistance

HR CVYV/Ccu/Px
IR CGMMV/Cca

Season

Spring-Summer

Average Fruit Length
30-35 cm

Average Fruit Weight
450-500 grams

Continental

DRL-9510

NEW TO TRIAL

Reliable year-round production with exceptional fruit quality and low-light performance

DRL-9510 is a high-performing continental cucumber developed for growers seeking consistent production, excellent fruit quality and strong year-round reliability. With a vigorous plant habit, strong endurance in low-light conditions and a slightly shorter fruit profile than traditional long English types, DRL-9510 delivers the productivity and quality required for modern greenhouse production.

- // Developed for year-round production, providing growers with flexibility across multiple planting windows and cropping cycles
- // Strong performance in low-light conditions, helping maintain productivity when growing conditions are more challenging
- // Vigorous plant habit supports high yield potential and a strong finish throughout the crop cycle
- // Produces high-quality continental fruit with a slightly shorter length, making it well suited to premium fresh-market programs



Resistance

HR Ccu
IR Cca/Px

Season

All year

Average Fruit Length
30-34 cm

Average Fruit Weight
450-500 grams

Cucumber

Continental

Espartaco

NEW TO
TRIAL

**Vigour, quality and uniformity for reliable
Autumn–Winter production**

Espartaco is a vigorous Dutch cucumber variety that combines strong plant performance with exceptional fruit quality. Its balanced plant habit, continuous fruit setting and powerful root system support reliable production, while the intensely dark-green, ribbed fruit deliver the premium appearance demanded by modern fresh markets.

- // Vigorous, well-balanced plant with a strong root system that supports crop health and season-long productivity
- // Early variety with continuous fruit setting, helping maximise production throughout the crop cycle
- // Produces highly uniform fruit, improving pack-out consistency and market presentation
- // Intense dark-green colour and attractive ribbing create strong retail and wholesale appeal



Resistance

HR CVYV
IR CYSDV/Px

Season

Autumn–Winter

Average Fruit Length

30–33 cm

Average Fruit Weight

420 grams

Continental

Fitness

NEW TO
TRIAL

**Flexible, high-yield performance with
outstanding fruit quality**

Fitness is a versatile continental cucumber developed for growers seeking strong early production, reliable yields and premium fruit quality. Combining good plant vigour with excellent balance and an open plant structure, Fitness is easy to manage while delivering consistent performance across a range of growing conditions. Its uniform, dark-green fruit and strong production potential make it an attractive option for growers targeting premium fresh-market programs.

- // Flexible variety suited to a range of production environments and cropping schedules
- // Early production combined with high total yield potential helps maximise returns throughout the crop cycle
- // Produces very uniform fruit with excellent length, dark-green colour, smooth skin and attractive shine
- // Premium fruit quality with a well-shaped profile and minimal necking for improved marketability



Resistance

HR Cca/Ccu
IR Px

Season

Spring–Summer

Average Fruit Length

30–35 cm

Average Fruit Weight

450 grams

Cucumber

Continental

Galdius

NEW TO
TRIAL

High yield potential with premium fruit quality and added virus protection

Galdius is a high-performing continental cucumber developed for profitable Autumn production. Combining strong yield potential, a balanced and easy-to-manage plant, and exceptional fruit quality, Galdius delivers the consistency growers need for premium greenhouse programs. Its innovative disease resistance package provides added crop security while supporting reliable production and marketable yield.

- // High yield potential supports strong returns per square metre and profitable crop performance
- // Balanced plant habit promotes easier crop management and consistent production throughout the cycle
- // Excellent fruit quality delivers attractive, marketable fruit with strong visual appeal
- // Combines productivity, fruit quality and disease resistance to support a high percentage of marketable yield



Resistance

HR CVYV/Ccu/Px

IR CGMMV/CMV/CYSDV/ToLCNDV

Season

Autumn-Winter

Average Fruit Length

32.5 cm

Average Fruit Weight

450 grams

Continental

Georgia

NEW TO
TRIAL

Reliable long English cucumber for summer performance

Georgia is a reliable long English cucumber for spring and summer crops, delivering excellent medium-fruit percentage, strong yield potential and high-quality, marketable fruit. With good plant vigour and an improved resistance package, it offers growers confidence and consistency across warm-season cycles.

- // Excellent fruit quality, with attractive shape and strong market acceptance
- // Good plant vigour at crop end, supporting sustained production into the later stages of the cycle
- // Well-balanced and open plant habit, aiding airflow, light penetration and easier crop management



Resistance

HR CVYV/Ccu/Px

IR CGMMV/CMV/Cca

Season

Spring-Summer

Average Fruit Length

32-37 cm

Average Fruit Weight

450-500 grams

Cucumber

Continental

Gomax

NEW TO
TRIAL

High-performance summer cucumber with excellent yield and reliable fruit length

Gomax is a high-yielding long cucumber hybrid built for summer production in protected cropping systems. With strong performance in yield, consistent fruit length and strong disease resistance, Gomax offers growers an efficient, no-nonsense variety that drives income potential across warm-season cycles.

- // Excellent yield potential in both weight and number of pieces per square metre
- // Earlier yield compared to benchmark varieties, helping growers capture early-season markets
- // Fruit length mainly between 28–35 cm, ideal for premium long cucumber programs
- // Intermediate resistance to CGMMV and Powdery mildew supports stable production under pressure



Resistance

HR CVYV/Ccu

IR CGMMV/CMV/Cca/Px

Season

Spring-Summer

Average Fruit Length

28–35 cm

Average Fruit Weight

400+ grams

Continental

Invictus

NEW TO
TRIAL

Early production, premium fruit quality and dependable Spring-Summer performance

Invictus is a proven continental cucumber developed for growers seeking early market access, high productivity and premium fruit quality. Well suited to Spring-Summer production, Invictus combines strong earliness with excellent fruit uniformity, attractive appearance and dependable crop performance, making it a trusted choice for professional greenhouse growers.

- // Excellent fruit quality with strong colour, shape and uniformity enhances pack-out performance and market presentation
- // Maintains stable fruit length throughout the crop cycle, providing greater consistency for packing and retail programs
- // Well adapted to Spring-Summer production systems and suitable for growers planning a follow-on cropping cycle
- // Delivers high yields over a short production period, supporting strong productivity and profitability



Resistance

HR CVYV/Cca/Ccu

IR CGMMV/CYSDV/ToLCNDV/Px

Season

Spring-Summer

Average Fruit Length

31 cm

Average Fruit Weight

400 grams

Cucumber

Continental

Legendario

NEW TO TRIAL

Earlier production, premium fruit length and dependable crop security

Legendario is a continental cucumber developed for growers seeking reliable performance, attractive fruit quality and strong early production. Combining excellent fruit length with an enhanced disease resistance profile, Legendario delivers the consistency and crop security needed for profitable protected-cropping programs while maintaining premium fruit presentation throughout the season

- // Earlier production helps growers target valuable market windows and maximise returns
- // Excellent fruit length supports premium market specifications and strong retail presentation
- // Consistent fruit quality helps improve marketable yield and pack-out performance
- // Enhanced disease resistance package provides greater crop security throughout the production cycle



Resistance

HR Px
IR CVYV/CYSDV

Season

Autumn-Winter

Average Fruit Length
30-32 cm

Average Fruit Weight
350-400 grams

Continental

Paxtor

NEW

High-yielding spring/summer long cucumber with excellent fruit shape and colour

Paxtor is a European long-type cucumber bred for protected cropping systems using umbrella systems as well as suitable for high-wire production systems. Known for its high yield potential, uniform fruit quality, and excellent colour and shape, Paxtor gives growers a reliable option for spring production with the added advantage of Powdery mildew resistance.

- // European long-type, bred for glasshouse umbrella and high wire spring programs
- // Earlier production delivers stronger income potential in early-season markets
- // Nice fruit shape and colour support premium pack-outs
- // Performs well in automatic sorting/packing thanks to uniform fruit length and width
- // Good shelf-life and consistent post-harvest fruit presentation



Resistance

HR Cca/Ccu
IR Px

Season

Early Spring-Late Spring

Average Fruit Length
27-36 cm

Average Fruit Weight
390-410 grams

Cucumber

Continental

Pontius

NEW TO
TRIAL

Fast-cycle European long cucumber with high yield and strong adaptability

Pontius is a newly introduced Dutch-type long cucumber developed for fast, efficient crop cycles across spring and summer production windows. Engineered to deliver strong early performance, Pontius combines high yield potential, excellent uniformity, and a complete resistance package, making it an ideal option for growers operating in high-intensity protected cropping systems.

- // Designed specifically for short, fast crop cycles, helping growers maximise seasonal turnover
- // High yield potential with strong early production in warm-season plantings
- // Excellent fruit uniformity and consistent quality throughout the season
- // Strong plant development that supports reliable production under high light and heat conditions



Resistance

HR CVYV/Cca/Ccu/Px

IR CGMMV/CMV/CYSDV/ToLCNDV

Season

Spring-Summer

Average Fruit Length

30-34 cm

Average Fruit Weight

380-440 grams

Continental

SV0091CE

Reliable winter cucumber with strong disease performance and excellent fruit finish

SV0091CE is a cool-season continental cucumber bred for protected, unheated production systems. With a vigorous plant habit, strong root system, and resilience against Powdery mildew and cold-stripe expression, this hybrid delivers dependable fruit quality during challenging winter and shoulder-season conditions.

- // Suited to protected unheated cropping, ideal for winter and early-spring programs
- // Vigorous, healthy plant habit with a strong root system for reliable winter growth
- // Consistently fills fruit well with very small necks and dark-green colour
- // Strong against cold stripes, maintaining fruit quality in low-light periods



Resistance

HR CVYV/Cca/Ccu

IR CGMMV/CYSDV/ToLCNDV/Px

Season

Autumn-Winter

Average Fruit Length

29-33 cm

Average Fruit Weight

380-420 grams

Cucumber

Continental

Teseo

NEW TO
TRIAL

Outstanding winter yields with premium fruit quality and continuous production

Teseo is a high-performing Long Dutch cucumber developed for winter production in protected cropping systems. Combining an open, easy-to-manage plant with exceptional yield potential and strong fruit quality, Teseo delivers consistent production throughout the season with very little interruption. Its excellent fruit uniformity, dark-green appearance and strong post-harvest performance make it a compelling choice for New Zealand growers.

- // Consistent fruit set with minimal abortion supports continuous, near non-stop production throughout the winter crop cycle
- // Open plant architecture and short internodes improve light penetration, airflow and labour efficiency
- // Balanced, generative plant habit helps maintain fruit production and crop balance throughout the season
- // Excellent fruit quality and strong post-harvest performance support premium pack-outs and market presentation



Resistance

HR Cca/Ccu

IR CVYV/CYSDV/Px

Season

Autumn-Winter

Average Fruit Length

32 cm

Average Fruit Weight

400 grams

Continental

Ulrica

Early production and high yield potential for premium greenhouse performance

Ulrica is a high-performing continental cucumber developed for growers seeking early production, strong yield potential and reliable performance through the spring, summer and early autumn growing window. With a medium-strong plant, excellent productivity from both the main stem and laterals, and strong disease protection, Ulrica delivers the consistency, efficiency and profitability demanded by modern protected-cropping operations.

- // Early production helps growers capture valuable market opportunities and maximise seasonal returns
- // High yield potential driven by productivity from both the main stem and lateral growth
- // Medium-strong plant habit provides a balanced combination of vigour and crop manageability
- // Suitable for spring, summer and early autumn production, offering flexibility across key planting windows



Resistance

HR Px

IR -

Season

Spring-Summer

Average Fruit Length

32-38 cm

Average Fruit Weight

450-500 grams

Cucumber

Snacking

Saxes

Early production and concentrated yields for the growing snacking category

Saxes is a high-performing mini cucumber developed for growers targeting premium snacking and convenience markets. Combining strong vigour, multiple fruit set and excellent heat tolerance, Saxes delivers early production and concentrated harvests that help maximise productivity and profitability.

- // Strong vigour and excellent heat tolerance support reliable production through spring, summer and early autumn plantings
- // Multiple fruit set, typically 3–4 fruits per node, drives high yield potential and concentrated harvest periods
- // Early production helps growers access premium market windows and maximise returns
- // High fruit quality and attractive presentation support premium retail appeal and strong consumer acceptance



Resistance

HR WMV/ZYMV/Px
IR CMV/CVYV/PRSV

Season

All year

Average Fruit Length

14–16 cm

Average Fruit Weight

190 grams

Snacking

DR7109CB

High-quality snacking cucumber with excellent colour, crunch and yield

DR7109CB is a dark green snacking cucumber delivering outstanding fruit quality, reliable uniformity and strong yield potential across heated glasshouse and protected cropping systems. With compact growth, short internodes and a multi-fruiting habit, DR7109CB is designed for high-density production and low-labour management - making it a standout choice for New Zealand greenhouse growers.

- // High early and total yield potential, improving revenue per square metre
- // Consistent fruit size enabling fast grading and efficient packing
- // Lower packing costs due to excellent uniformity
- // Generative plant type for easier labour management through the cycle
- // Ideal for high-density production, maximising greenhouse efficiency



Resistance

HR CMV/Ccu
IR CVYV

Season

All year

Average Fruit Length

9 cm

Average Fruit Weight

35–40 grams

Cucumber

Slicer

Kenia

High-yield slicer performance with excellent fruit quality and year-round flexibility

Kenia is a versatile slicer cucumber developed for growers seeking reliable production, strong plant performance and premium fruit quality. Suitable for year-round planting in both plastic and glasshouse systems, Kenia combines vigorous growth, high yield potential and attractive dark-green fruit. Its smooth, cylindrical cucumbers and broad disease resistance package make it a dependable choice for fresh-market production across a range of growing environments.

- // High-yielding parthenocarpic variety suited to year-round production in both plastic and glasshouse systems
- // Vigorous, well-balanced plant with medium vigour, medium internode length and strong adaptability across production environments
- // Produces attractive dark-green fruit with a smooth finish and appealing cylindrical shape
- // Broad disease resistance package helps support reliable production and reduce crop risk



Resistance

HR Ccu/Px
IR Cca/CMV

Season

All year

Average Fruit Length

18-22 cm

Average Fruit Weight

240 grams

Slicer

SV6836CP

A reliable, high-yield slicing cucumber built for strong performance and easy management

SV6836CP is a dependable slicing cucumber for protected spring-summer production, delivering consistent fruit quality, strong plant performance and a long production window. With High resistance to Powdery mildew and excellent setting ability, SV6836CP offers growers a stable, efficient variety that supports high marketable yields and reduced labour inputs.

- // High Resistance to Powdery mildew (Px) for reduced spraying needs
- // Average fruit length 19-22 cm with uniform, dark-green colour
- // Medium-to-strong plant vigour with reliable setting ability across the canopy
- // Good quality slicer fruit, delivering improved appearance and post-harvest performance



Resistance

HR CMV/CVYV/Ccu/Px
IR Cca

Season

Spring-Summer

Average Fruit Length

19-21 cm

Average Fruit Weight

250 grams

Cucumber

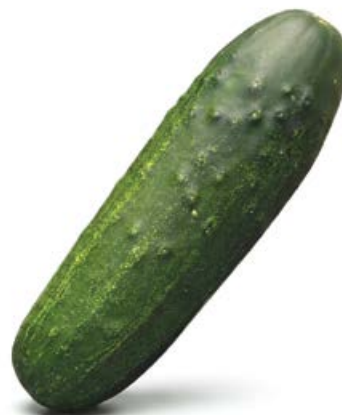
Gherkin

Journey

Heavy yields, premium processing quality and dependable harvest performance

Journey is a high-yielding gherkin variety developed for growers supplying processing markets that demand excellent colour, shape and consistency. Producing attractive dark-green, blocky fruit with strong uniformity, Journey is well suited to both machine and hand-harvest systems. Journey is a reliable choice for growers focused on maximising returns and processing efficiency.

- // Heavy yield potential supports strong productivity and profitable crop performance
- // Dark-green fruit colour delivers excellent visual quality and strong suitability for processing applications
- // Consistent blocky fruit shape supports efficient machine harvesting and reduced grading variation
- // Excellent fruit uniformity helps maintain consistent processing quality throughout the season



Resistance

HR CMV/PsI/Ccu/Co:1
IR Px

Season

Spring-Summer

Average Fruit Length

10-12 cm

Average Fruit Weight

100-120 grams

Gherkin

SV4097CV

Outstanding yields and premium fruit quality for fresh and processing markets

SV4097CV is a highly productive gherkin cucumber developed for growers seeking excellent fruit quality, strong yields and reliable performance across a wide range of growing conditions. Suitable for heated and semi-heated greenhouse production, this self-pollinated variety combines an open, well-balanced plant with a powerful root system and consistent fruit sizing throughout the crop cycle.

- // Very high total yield potential with consistently high-quality fruit throughout the production cycle
- // Open plant habit with short internodes supports easy crop management, harvesting and greenhouse operations
- // Strong root system and good tolerance to high summer temperatures help maintain performance under challenging conditions
- // Produces attractive dark-green fruit with a cylindrical shape, excellent uniformity and a stable length-to-diameter ratio



Resistance

HR CMV/Ccu
IR Px

Season

All year

Average Fruit Length

10-13 cm

Average Fruit Weight

140 grams

Gherkin

Vlaspik

The industry-standard gherkin for dependable yields and processing performance

Vlaspik is a proven gherkin variety that has earned its reputation as an industry standard across a wide range of growing environments. Combining dependable yield potential, consistent fruit quality and adaptability under varying conditions, Vlaspik delivers the reliability processors and growers have trusted for many years. Its concentrated fruit set, uniform shape and suitability for both machine and hand harvest make it a versatile and profitable choice for commercial gherkin production.

- // High yield potential combined with excellent fruit quality supports strong processing returns
- // Medium-dark green fruit with a consistent 3.1–3.2 length-to-diameter ratio delivers uniform processing quality
- // Concentrated fruit set makes it ideal for machine harvest while remaining well suited to hand-harvest systems
- // Adaptable across a wide range of growing conditions and stress environments, providing dependable crop performance



Resistance

HR CMV/Ccu/Co:1

IR Psl/Px

Season

Winter

Average Fruit Length

8 cm

Average Fruit Weight

100 grams





Capsicum

Capsicum

Blocky Red

DRPB1745

NEW TO
TRIAL

Early maturity, outstanding fruit uniformity and year-round production flexibility

DRPB1745 is a versatile blocky red capsicum developed for both winter and summer long-crop production. Combining very early maturity with excellent cold and heat tolerance, DRPB1745 delivers reliable fruit set and strong marketable yield across a range of greenhouse conditions. Its medium-short plant habit, uniform fruit shape and excellent firmness help growers consistently produce premium-quality fruit with extended shelf life and reduced waste.

- // Very early maturity combined with strong fruit set helps maximise production opportunities throughout the season
- // Excellent cold and heat tolerance supports reliable performance across both winter and summer production cycles
- // Produces highly uniform blocky fruit with an average fruit weight of 180–200 grams, delivering premium market presentation
- // Firm fruit and excellent shape uniformity contribute to longer shelf life and lower waste throughout the supply chain



Resistance

HR Tm:0-3
IR –

Planting Window

All year

Colour

Red

Weight

180-200 grams

Blocky Red

Loader

NEW TO
TRIAL

Proven commercial performer for strong, reliable red blocky yields

Loader is a dependable red blocky capsicum aligned to the needs of commercial protected-cropping growers demanding strength, uniformity and consistent fruit set. Recognised as a reliable industry benchmark, Loader demonstrates robust performance across multiple environments.

- // Consistent yield delivery across seasons, supporting predictable supply programs
- // Balanced plant architecture suited to high-tech glasshouse production
- // Attractive red blocky fruit with good sizing and market alignment



Resistance

HR Tm:0-3
IR Foc

Planting Window

All year

Colour

Red

Weight

220-230 grams

Blocky Yellow

Chero

NEW TO TRIAL

Bright yellow quality with strong plant performance

Chero is a high-quality yellow blocky capsicum delivering strong plant architecture, reliable disease resistance and excellent fruit uniformity. With standout shelf life, Chero offers growers confidence and value.

- // Compact, well-covered plants with good leaf protection and moderate early vigour
- // Generative habit with easy fruit setting and strong crop performance
- // Excellent shelf life and flavour, with consumer taste panels rating Chero highly



Resistance

HR Tm:0-3

IR TSWV:0

Planting Window

All year

Colour

Yellow

Weight

200-240 grams

Blocky Yellow

Everley

NEW TO TRIAL

Consistent marketable yield and premium fruit quality in challenging growing conditions

Everley is a high-performing yellow blocky capsicum developed for growers seeking reliable marketable yield, outstanding fruit quality and strong crop balance. Its well-balanced plant habit maintains vigour throughout the crop cycle, delivering consistent production, excellent colour development and smooth transitions in fruit weight. Everley performs particularly well under higher planting densities and lower light conditions, making it a valuable option for New Zealand protected cropping systems.

- // High percentage of marketable yield, even when grown at higher plant densities or under lower light conditions
- // Well-balanced plant habit maintains vigour and production throughout the entire crop cycle
- // Attractive yellow blocky fruit with strong colour intensity and excellent presentation at maturity
- // Average fruit weight of 210-230 g delivers premium fruit size suited to both bulk and flow-pack markets



Resistance

HR Tm:0-3

IR TSWV:0

Planting Window

All year

Colour

Yellow

Weight

210-230 grams



Hot Pepper



Hot Pepper

PENCIL TYPE

Fireflame

Intense heat, premium fruit quality and outstanding yield potential

Fireflame is a high-performing red chilli pepper developed for growers seeking exceptional fruit quality, strong plant vigour and reliable production. Producing long, slender pencil-type fruit with an intense, spicy flavour, Fireflame combines premium market appeal with strong yield potential. Its vigorous growth habit and consistent fruit quality make it an excellent choice for fresh-market, food service and speciality chilli programs.

- // Produces long, slender pencil-type fruit with strong visual appeal and excellent market presentation
- // Intense, spicy flavour profile ideal for fresh consumption, cooking and speciality chilli markets
- // Very good fruit quality supports premium pack-outs and strong customer satisfaction
- // Vigorous plant habit delivers strong crop performance and reliable season-long production



Resistance

HR Tm:0-2

IR –

Weight

18-20 grams



Eggplant

Eggplant

Half Long

SV1574EV

NEW

High-vigour, all-season eggplant built for premium quality and protected cropping success

SV1574EV delivers reliable year-round production for New Zealand growers, combining very strong plant vigour with exceptional fruit quality in both hot and cool conditions. Bred for protected cropping and low-tech greenhouse systems, this half-long eggplant sets consistently, maintains outstanding firmness and colour, and produces a high percentage of first-class fruit across all seasons.

- // High plant vigour with strong root system and continuous fruit set
- // Excellent heat and humidity tolerance, maintaining set in hot conditions
- // Reliable winter performance with stable quality under low temperatures
- // Uniform, glossy black fruit with excellent colour and firmness



Weight

400-500 grams

Disease Resistance

Vegetables by Bayer has exercised reasonable care and skill in compiling this catalogue. The varieties with disease resistance claims have been tested for specified disease resistance. All resistances quoted refer only to races or pathotypes of the variety. It is important to recognise that the response of resistant plants to pests or pathogens can vary according to host age and depend on environmental factors. New and/or atypical pest or pathogen biotypes, races, or strains may overcome resistance, sometimes completely. The descriptions, advice, resistance claims and vegetation cycles that are presented in this catalogue are intended for general guidance only. The user should apply it in accordance with knowledge and experience of local conditions. Vegetables by Bayer follows International Seed Federation (ISF) recommendations concerning Resistance Codes. Vegetables by Bayer cannot accept any liability in connection with this catalogue and does not guarantee any result or performance.

Definitions

(As outlined by the International Seed Federation)

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

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.

Resistance Coding is based on Pathogen Codes of the International Seed Federation.

The order of the resistance claim coding is according to alphabetical order within the pathogen groups, which have the following order; Virus / Bacteria / Fungus / Nematodes / Insect.

Vegetables by Bayer follows commonly used strain denomination and ISF guidelines. As there is still some difference of strain nomenclature, the commonly used strain nomenclature of the region is used.

Disease Resistance

	CODE	ENGLISH COMMON NAME	PATHOGEN (SCIENTIFIC NAME)
CUCUMBER			
Viruses	CGMMV	Cucumber green mottle	Cucumber green mottle mosaic virus
	CMV	Cucumber mosaic	Cucumber mosaic virus
	CVYV	Cucumber vein yellowing	Cucumber vein yellowing virus
	CYSDV	Cucurbit yellow stunting disorder	Cucurbit yellow stunting disorder virus
	PRSV	Papaya ringspot	Papaya ringspot virus
	ToLCNDV	Tomato leaf curl New Delhi	Tomato leaf curl New Delhi virus
	WMV	Watermelon mosaic	Watermelon mosaic virus
	ZYMV	Zucchini yellows	Zucchini yellow mosaic virus
Bacteria	Psl	Angular leaf spot	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>
Fungi	Cca	Target spot	<i>Corynespora cassiicola</i>
	Ccu	Scab	<i>Cladosporium cucumerinum</i>
	Co	Anthracnose	<i>Colletotrichum orbiculare</i>
	Pcu	Downy mildew	<i>Pseudoperonospora cubensis</i>
	Px	Powdery mildew	<i>Podosphaera xanthii</i>
CAPSICUM			
Viruses	PepMoV	Pepper mottle	Pepper mottle virus
	PVY	Potato virus Y	Potato Y virus
	TEV	Tobacco etch	Tobacco etch virus
	Tm	Tobamo	Tobamoviruses
	TSWV	Tomato spotted wilt	Tomato spotted wilt virus
Bacteria	Xcv (now X spp)	Bacterial spot	<i>Xanthomonas campestris</i> pv. <i>vesicatoria</i> (now <i>Xanthomonas</i> spp)
Fungi	Foc	Fusarium wilt	<i>Fusarium oxysporum</i> f. sp. <i>capsici</i>
	Lt	Powdery mildew	<i>Leveillula taurica</i>
Nematodes	Ma/Mi/Mj	Root-knot	<i>Meloidogyne arenaria</i> , <i>Meloidogyne incognita</i> , <i>Meloidogyne javanica</i>

TOMATO			
Viruses	ToBRFV	Tomato brown rugose fruit	Tomato brown rugose fruit virus
	ToMV	Tomato mosaic	Tomato mosaic virus
	ToTV	Tomato torrado	Tomato torrado virus
	TSWV	Tomato spotted wilt	Tomato spotted wilt virus
	TYLCV	Tomato yellow leaf curl	Tomato yellow leaf curl virus
Bacteria	Pst	Bacterial speck	<i>Pseudomonas syringae</i> pv. tomato
	Rs	Bacterial wilt	<i>Ralstonia solanacearum</i>
Fungi	Aal	Alternaria stem canker	<i>Alternaria alternata</i> f. sp. <i>lycopersici</i>
	Fol	Fusarium wilt	<i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i>
	For	Fusarium crown and root rot	<i>Fusarium oxysporum</i> f. sp. <i>radicis-lycopersici</i>
	Lt	Powdery mildew	<i>Leveillula taurica</i>
	On (now Pn)	Powdery mildew	<i>Oidium neolycopersici</i> (now <i>Pseudoidium neolycopersici</i>)
	Pf (ex Ff)	Leaf mold	<i>Passalora fulva</i> (ex <i>Fulvia fulva</i>)
	Pi	Late blight	<i>Phytophthora infestans</i>
	Pl	Corky root rot	<i>Pyrenochaeta lycopersici</i> (now <i>Pseudopyrenochaeta lycopersici</i>)
	Sbl/Sl/Ss	Gray leaf spot	<i>Stemphylium botryosum</i> f. sp. <i>Lycopersici</i> , <i>Stemphylium lycopersici</i> , <i>Stemphylium solani</i>
	Va/Vd	Verticillium wilt	<i>Verticillium albo-atrum</i> , <i>Verticillium dahliae</i>
Nematodes	Ma/Mi/Mj	Root-knot	<i>Meloidogyne arenaria</i> , <i>Meloidogyne incognita</i> , <i>Meloidogyne javanica</i>
ROOTSTOCK			
Fungi	Foc	Fusarium yellows	<i>Fusarium oxysporum</i> f. sp. <i>conglutinans</i>
	Fom	Fusarium wilt	<i>Fusarium oxysporum</i> f. sp. <i>melonis</i>
	Fon	Fusarium wilt	<i>Fusarium oxysporum</i> f. sp. <i>niveum</i>
	For	Fusarium crown and root rot	<i>Fusarium oxysporum</i> f. sp. <i>radicis-lycopersici</i>
	Ps	Phomopsis sclerotioides	Black root rot
	Va/Vd	Verticillium wilt	<i>Verticillium albo-atrum</i> , <i>Verticillium dahliae</i>
Bacteria	Rs	Bacterial wilt	<i>Ralstonia solanacearum</i>
Nematodes	Ma/Mi/Mj	Root-knot	<i>Meloidogyne arenaria</i> , <i>Meloidogyne incognita</i> , <i>Meloidogyne javanica</i>

Notes

Handwriting practice lines consisting of 24 horizontal dotted lines.



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Individual results may vary, and performance may vary from location to location and from year to year. This result may not be an indicator of results you may obtain, as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible.