



 Hydroponics

Assortment 2025

Leafy Greens

for high-tech hydroponics
& plant factory

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This booklet contains our wide assortment of leafy greens for high-tech growing conditions.

Abbreviations

HR High resistance

IR Low resistance

(t) For trial purposes only; not for commercial use of the variety

Resistance abbreviations

Lettuce

ISF code English common name | *Scientific name*

Bl Downy Mildew | *Bremia Lactucae*

Fol Fusarium wilt | *Fusarium oxysporum f.sp.lactucae*
Fusarium Defense™

LMV Lettuce mosaic | *Lettuce mozaïc virus*

Me Potato aphid | *Macrosiphum euphorbiae*

Nr Currant-lettuce aphid | *Nasonovia ribisnigri*

Pb Lettuce root aphid | *Pemphigus bursarius*

Ss Corky root | *Sphingomonas suberifaciens*

Solutions for growers and chain partners

Hydroponics

A diverse range of hydroponic-friendly leafy vegetable varieties, suitable for various systems.

Salanova

Our lettuce type designed for convenience and efficiency: one-cut, ready-to-eat baby sized leaves.

Crystal™

An open iceberg, known for its sweet crispiness, high leaf count, and robust characteristic.

Crunchy Lettuce™

The best of Iceberg and Cos, combined into a single lettuce type. Meets the ever-innovating industry.

Knox™

Hydroponically grown and mechanically harvested lettuce stays fresh longer thanks to the Knox delayed pinking trait.



Read more
about our
solutions

Batavia lettuce | Green

Aphylion RZ

Attractive blond batavia

Successor of Aficion RZ, a fast growing variety.

- Strong against bolting
- Medium-fine curled leaves
- One or multiple seeds per pot



Resistance: **HR:** Bl:29-37,39-41EU/Nr:0/Pb **IR:** LMV:1/Fol:4

Champollion RZ

Attractive round blond batavia heads

Compact. lettuce. with intense green leaves that give this lettuce a distinctive shine.

- Round heads, flat base
- Intense green leaves
- Strong against tipburn



Resistance: **HR:** Bl:29-39EU/Nr:0 **IR:** LMV:1/Fol:1,4

Othilie RZ

Luxurious, slow-bolting, blond batavia

Lettuce with nice wavy leaf edges and good resistance to internal tipburn which gives it a very healthy and classic appearance.

- Attractive wavy leaf edge for use on sandwiches
- Versatile production possibilities
- Slow bolting



Resistance: **HR:** Bl:29-32,34,36,39,40EU/Nr:0/Pb **IR:** LMV:1/Fol:1

Salanova® Caravel RZ

The perfect crisp multileaf for salad mixes

Batavia multileaf lettuce medium-dark green, strong leaves with an attractive shape and size, creating good volume in bagged salads.

- Perfect fit for convenience
- Appealing 3D leaves resulting in good volume
- Suitable for wholehead and high density production



Resistance: **HR:** Bl:29-32,34,36,39,40EU/Nr:0 **IR:** LMV:1

Salanova® Galley RZ (79-ML5152)

Green multileaf variety with attractive wavy leaves.

- High leaf count of uniform sized leaves
- Suitable for wholehead, processing and sandwich leaves
- Very attractive wavy edge sandwich leaf



Resistance: **HR:** Bl:29-38,40,41EU/Nr:0/Pb **IR:** LMV:1/Fol:4

New varieties in trial (t)

Salanova® 79-ML5140 RZ (t)

This multileaf batavia variety is a vigorous type and strong against tipburn on hydroponics. This variety has a high leaf count. The size of the leaves fits nicely on a burger.



Resistance: **HR:** Bl:29-34,36,39,40EU/Nr:0 **IR:** LMV:1

Batavia lettuce | Red

Orbital RZ

Year-round hydroponic red leaf batavia

Perfectly adapted to indoor growing conditions and produces a good and reliable yield.

- Red leaf colour
- Reliable yield
- Can be used as single, duo and in Salatrio



Resistance: **HR:** Bl:29-34,36,39,40EU/Nr:0 **IR:** LMV:1

Salanova® Bonarda RZ Knox™

Delayed pinking after cutting

Batavia multileaf type. Very stable and intense red colour and suitable for bagged salads and duo-packing.

- Intense red colour
- Delayed pinking thanks to Knox™
- Member of the Salanova family



Resistance: **HR:** Bl:29-37,39-41EU/Nr:0 **IR:** -

Salanova® Audex RZ

A crispy lettuce with an intense, glossy red color

Audex RZ performs well in Salatrio and high density growing circumstances.

- intense deep red color
- strong against tipburn and bolting
- Wavy leaf edges



Resistance: **HR:** Bl:29-40EU/Fol:4/Nr:0 **IR:** LMV:1/Fol:1

New varieties in trial (t)

Salanova® 79-ML6494 RZ (t)

The successor of Salanova® Bonarda, high leaf count of uniform sized leaves with a beautiful color contrast.

Resistance: **HR:** Bl:29-41EU

Salanova® Bonarda Knox™

Multileaf Batavia lettuce with a beautiful color contrast



Temperate growing conditions

	Winter		Summer	Plant factory
	Day 13 hrs	Day > 13 hrs (artificial light)	Day > 13 hrs	Day 16-20 hrs
Batavia Green				
Aphylon RZ		●	●	
Champollion RZ		●	●	
Othilie RZ	●	●	●	●
Salanova® Caravel RZ	●	●	●	●
Salanova Galley RZ	●	●	●	●
79-ML5140 (t)	●	●	●	●
Batavia Red				
Orbital RZ	●	●	●	●
Salanova® Bonarda RZ Knox™	●	●	●	●
79-ML6494 (t)	●	●	●	●

(t) Only trial seeds available

Butter lettuce | Green

Solutria RZ (42-BU1400)

Butterhead lettuce for hightech hydroponics. Solutria RZ is faster compared to Treslia, resulting in higher head weights at full maturity, up to 450 gr.

- Strong against tipburn
- Strong root system
- Reliable



Resistance: **HR:** Bl:29-41EU/Nr:0/Pb **IR:** -

Swantria RZ (42-BU1401)

Butterhead lettuce for hightech hydroponics. Swantria RZ is faster compared to Treslia, resulting in higher head weights at full maturity, up to 400 gr. Swantria RZ is slightly smaller than Solutria RZ.

- Strong against tipburn
- Strong root system
- Reliable



Resistance: **HR:** Bl:29-41EU/Nr:0/Pb **IR:** -

Treslia RZ

A slow-bolting butterhead lettuce for indoor hydroponic production systems

- Compact size
- Excellent growing speed
- Harvest weight up to 350gr



Resistance: **HR:** Bl:29-41EU/Nr:0 **IR:** -

Alyssa RZ Knox™

Indoor butterhead lettuce for hydroponic production

Indoor butterhead lettuce with a good weight, good balance between the head and outer leaves, and is easy to harvest.

- Compact size
- Strong against tipburn
- Knox™ trait: delayed pinking



Resistance: **HR:** Bl:29-41EU/Pb **IR:** -

Cecilia RZ

Uniform butterhead with strong root system

Lettuce with attractive compact and uniform heads. Strong field standability.

- Uniform heads
- Strong root system
- Strong resistance to bolting



Resistance: **HR:** Bl:29-32,34,36,39,40EU/Nr:0 **IR:** -

Deangelia RZ

Blond butterhead with excellent resistance

Lettuce with very uniform and compact, medium-sized, blond green heads.

- Mid-green leaves
- Slow bolting
- Excellent Bremia resistance



Resistance: **HR:** Bl:29-37,39-41EU/Nr:0/Pb **IR:** -

Emeldia RZ

Reliable and attractive butterhead

Lettuce with blond green leaves and a generous head that give it an attractive appearance.

- Large head
- Strong against tipburn
- Very reliable



Resistance: **HR:** Bl:29-41EU **IR:** -

Presteria RZ

Well-filled butterhead with good growing performance

Lettuce that produces a large, heavy blond head with medium to thick leaves and a very nice base.

- Large heads
- Good filling
- Healthy base



Resistance: **HR:** Bl:29-34,36,39,40EU/Pb **IR:** -

Butter lettuce | Green

Volumia RZ

A large indoor butterhead lettuce

A 'Presteria RZ'-type large indoor butterhead lettuce for hydroponics production in autumn, winter and spring.

- Large head
- Attractive colour
- Versatile growing period

Resistance: **HR:** Bl:29-37,40,41EU **IR:** -



Sintia RZ

Very uniform and blond butterhead

Lettuce with a striking blond colour and very uniform and stable heading. It is very tolerant to tipburn and bolting.

- Striking colour
- Uniform crop
- Stable heading

Resistance: **HR:** Bl:29-41EU **IR:** -



Salanova® Chalmers RZ Knox™

Fresher appearance thanks to Knox

This Butter multileaf lettuce has mid-green-coloured leaves with a nice shape and size and a sweet and subtle flavour.

- Knox trait for delayed pinking after cutting
- Salanova 'one cut, ready' variety
- Sweet and subtle flavour

Resistance: **HR:** Bl:29-37,39-41EU/Nr:0 **IR:** -



Salanova® Euler RZ

Early heart filling

Butter multileaf lettuce with a bright green colour. Head is slightly more compact and heart filling occurs earlier than with other varieties.

- Quick filling of the heart
- Suitable for both hydroponics
- Compact shape

Resistance: **HR:** Bl:29-37,39-41EU **IR:** -



Salanova® Gibbard RZ

Indoor butterhead lettuce for hydroponic production

Multileaf lettuce suitable for salatrio, high density and whole head production.

- Compact size
- Strong against tipburn
- Suitable for high density production

Resistance: **HR:** Bl:29-41EU/Fol:1/Pb **IR:** -



Salanova® Haldane RZ

Upright growing habit

A bright green Butter multileaf lettuce with strong, sturdy leaves.

- Upright growing habit
- Suitable for machine harvesting
- Bright green colour

Resistance: **HR:** Bl:29-37,39-41EU/Nr:0 **IR:** -



New varieties in trial (t)

42-BU1419 (t)

A new type butterhead, open growing and a high leaf count.
Strong against tipburn.

Resistance: **HR:** Bl:29-37,39-41EU/Nr:0 **IR:** -

Salanova® 79-ML1665 RZ (t)

Upright multi green multileaf butter for high density production.
Strong against tipburn and bolting. Could act as a successor of Gibbard.

Resistance: **HR:** Bl:29-37,39-41EU/Nr:0 **IR:** -

Butter lettuce | Red

Salanova® Kalat RZ Knox™

Reduced pinking

Salanova multileaf butter. It has strong, slightly larger than average leaves that are dark red with a beautiful contrast.

- Reduced pinking thanks to Knox™
- Very nice colour contrast
- Suitable for machine harvesting



Resistance: **HR:** Bl:29-37,39-41EU/Nr:0 **IR:** -

Salanova® Warhol RZ Knox™

Slowest-bolting Salanova red butter

Multileaf butter variety with a nice intense colour. The heads are very slow bolting.

- Suitable for wholehead and high density production
- Intense red colour
- Slow bolting



Resistance: **HR:** Bl:29-40EU/Nr:0 **IR:** -

New varieties in trial (t)

Salanova® 79-ML2443 (t) Knox™

Multileaf red butter variety suitable for processing.



Resistance: **HR:** Bl:29-37,39-41EU/Nr:0 **IR:** -



Temperate growing conditions

	Winter		Summer	Plant factory
	Day 13 hrs	Day > 13 hrs (artificial light)	Day > 13 hrs	Day 16-20 hrs
Butterhead Green				
Solutria RZ (42-BU1400)		●	●	●
Swantria RZ (42-BU1401)		●	●	●
Treslia RZ		●	●	
Alyssa RZ Knox™		●	●	●
Cecilia RZ		●	●	
Deangelia RZ		●	●	
Emeldia RZ		●	●	●
Presteria RZ	●	●		
Volumia RZ	●	●		
Sintia RZ		●	●	●
Salanova® Chalmers RZ Knox™	●	●	●	●
Salanova® Euler RZ	●	●	●	●
Salanova® Gibbard RZ	●	●	●	●
Salanova® Haldane RZ				
42-BU1419 (t)	●	●		●
Salanova® 79-ML1665 RZ (t)	●	●	●	●
Butterhead Red				
Salanova® Kalat RZ Knox™	●	●	●	●
Salanova® Warhol RZ	●	●	●	●
Salanova® 79-ML2443 RZ (t)				

(t) Only trial seeds available

Crystal lettuce | Green and Red

Dalinique RZ (44-CL1009) Crystal™

This Crystal variety performs well in high density >200pl/m².

Shiny dark green green, curved leaves with an attractive frill and a chunchy taste

- High density variety
- Create volume in a mix
- Crunchy and juicy

Resistance: **HR:** Bl:29,30,32,33EU **IR:** LMV:1/Fol:1,4

Lalique RZ Crystal™

A frilly, open iceberg

Lettuce with a satisfyingly crunchy, juicy bite. It has uniquely uniform-sized, crispy leaves that are thicker than normal varieties.

- Crunchy and juicy leaves
- Ideal for burgers, sandwiches and hotpot
- Hydroponic iceberg alternative

Resistance: **HR:** Bl:32EU **IR:** LMV:1/Fol:4



Hydrolique RZ Crystal™

A vigorous crystal lettuce for growing conditions with artificial lighting

- Hydroponic iceberg alternative
- Fast growing compared to Lalique
- Strong against tipburn

Resistance: **HR:** Bl:29,30,32-35,37,38,40,41EU **IR:** LMV:1/Fol:4



Bodilique RZ (44-CL1050) Crystal™

Crystal variety with a compact growth and a nice upright baseshape.

- Strong against tipburn
- Performs well under HPS light
- Target weight <200 grams

Resistance: **HR:** Bl:29-41EU/Nr:0/Pb **IR:** LMV:1/Fol:4





Crystal™

Lalique RZ

A frilly, open iceberg

Temperate growing conditions

	Winter		Summer	Plant factory
	Day 13 hrs	Day > 13 hrs (artificial light)	Day > 13 hrs	Day 16-20 hrs
Crystal Green				
Dalinique RZ	●	●	●	●
Lalique RZ	●	●		●
Hydrolique RZ	●	●		●
Bodilique RZ	●	●	●	●
Dunand RZ	●	●	●	●
Crystal Red				
Scamander RZ	●	●	●	●
Sungari RZ	●	●	●	●

Crystal lettuce | Green and Red

Dunand RZ Crystal™

Dark green Crystal lettuce

Lettuce with dark green, decoratively frilled and incised leaves which are suitable for processing.

- Decorative leaves
- Easy to handle
- Machine harvestable



Resistance: **HR:** Bl:29-33EU **IR:** LMV:1/Fol:1

Scamander RZ Crystal™

A red crystal lettuce with rather crispy, smooth leaves

For use at higher plant density: for machine harvesting and in Salatrio mixes.

- Intense red colour
- Crunchy leaves
- Multi-purpose variety



Resistance: **HR:** Bl:29-41EU/Pb **IR:** LMV:1/Fol:1

Sungari RZ Crystal™

Red crystal lettuce with juicy, sweet and crunchy bite. The leaves are bigger in size compared to Scamander and more wavy.

- Wholehead, Salatrio and high density
- Alternative for red leaf / lollo
- Slow bolting



Resistance: **HR:** Bl:29-40EU **IR:** -

Crystal™

High density Crystal varieties

Crunchy and juicy leaves



Cos lettuce | Green

Gladius RZ Knox™

Large romaine for hydroponic production

This variety is very strong against internal tipburn and has a minimal twisting and elongation.

- Suitable for hydroponic production
- Multi-purpose for chopping and hearts
- Tipburn tolerance



Resistance: **HR:** Bl:29-31,34,36,39,40EU/Nr:0 **IR:** LMV:1

Rabello RZ

Semi-open mini romaine

A semi-open lettuce variety that is very strong against tipburn. Suitable for the whole leaf market and ideal for twin pack.

- Suitable for hydroponic production
- Slow bolting
- Tipburn tolerance



Resistance: **HR:** Bl:29-38,40,41EU/Fol:1/Nr:0 **IR:** -

New variety in trial (t)

Dilago RZ (41-CO1133) (t)

A midi cos type suitable which is showing a good tolerance against internal tip burn problems. Target weight of around 250 gram.. Compared to Gladius this variety is slightly smaller in size.

- Strong against tipburn
- Semi-closed heading
- Upright base



Resistance: **HR:** Bl:30-32,37,38EU/Nr:0 **IR:** LMV:1/Fol:4

41-CO7596 RZ (t)

Smaller sized Rabello RZ with nice leaf texture. More heading compared to Rabello RZ.



Resistance: **HR:** Bl:29-38,40,41EU/Fol:1/Pb **IR:** -

Cos lettuce | Red

Thurinus RZ

Multi-purpose red cos

A large lettuce with smooth leaves and open habit. It is multi-purpose for whole heads, processing and single leaves for the sandwich market.

- Attractive dark red
- Open habit
- Strong against tipburn



Resistance: **HR:** Bl:30-32,37,38EU/Nr:0/Pb **IR:** LMV:1

41-CO3141 (t)

A small red cos variety. Intense red in color and very strong against tipburn. Could be used in a duopack next to Rabello.

Resistance: **HR:** Bl:29-41EU/Nr:0 **IR:** LMV:1

Temperate growing conditions

	Winter		Summer	Plant factory
	Day 13 hrs	Day > 13 hrs (artificial light)	Day > 13 hrs	Day 16-20 hrs
Cos lettuce Green				
Gladius RZ Knox™	●	●	●	
Rabello RZ	●	●	●	●
Dilago RZ (41-CO1133) (t)	●	●	●	●
41-CO7596 (t)	●	●	●	●
Cos lettuce Red				
Thurinus RZ	●	●	●	
41-CO3141 (t)		●	●	●

(t) Only trial seeds available

Crunchy lettuce | Green

Neurita RZ

A small, slow bolting crunchy lettuce variety

This crunchy lettuce has very nice heads and is a great variety for high density.

- Good heads
- Slow bolting
- Tipburn tolerance



Resistance: **HR:** Bl:29-37,39-41EU/Nr:0 **IR:** Fol:1

Temperate growing conditions

	Winter		Summer	Plant factory
	Day 13 hrs	Day > 13 hrs (artificial light)	Day > 13 hrs	Day 16-20 hrs
Crunchy Green				
Neurita RZ	●	●	●	●
Augita RZ 41-CR3326 (t)	●	●		
41-CR3302 RZ (t)		●	●	●
41-CR3309 RZ (t)		●	●	●
Salanova® 79-ML7147 RZ	●	●	●	●

(t) Only trial seeds available

New varieties in trial (t)

Augita RZ 41-CR3326 (t)

This small crunchy lettuce has a nice dark green colour, makes a nice head and gives a good filling and is strong against tipburn.



Resistance: **HR:** Bl:29-31,34,36,39,40EU/Fol:1/Nr:0 **IR:** -

41-CR3302 RZ (t)

A baby crunchy type for Spring/Summer/Autumn production on hydroponic growing. Slow bolting and strong against internal tipburn.



Resistance: **HR:** Bl:29,30,33-41EU/Fol:1/Nr:0 **IR:** -

41-CR3309 RZ (t) Knox™

Comparable size as Neurita RZ. More blond in color and stronger for external tipburn.

Can be grown with artificial light conditions.

Resistance: **HR:** Bl:29-34,36,39,40EU/Fol:1/Nr:0 **IR:** LMV:1

Salanova® 79-ML7147 RZ (t)

Multileaf with exceptional crunchy leaves for high density loose leaf romaine production.



Resistance: **HR:** Bl:29-31,34,36-40EU/Nr:0/Pb **IR:** Fol:4

Iceberg lettuce | Green

Mamutik RZ

Reliable hydroponic iceberg variety

A slow bolting iceberg lettuce with compact outer leaves.



Resistance: **HR:** Bl:29-37,39-41EU/Nr:0/Pb **IR:** LMV:1

New variety in trial

44-IC9207 RZ (t)

A slow bolting iceberg lettuce with compact outer leaves

Resistance: **HR:** Bl:29-37,39-41EU/Fol:4/Nr:0/Pb **IR:** -



Temperate growing conditions

	Winter		Summer	Plant factory
	Day 13 hrs	Day > 13 hrs (artificial light)	Day > 13 hrs	Day 16-20 hrs
Iceberg lettuce Green				
Mamutik RZ	●	●	●	●
44-IC9207 RZ (t)	●	●	●	●

(t) Only trial seeds available

Gem lettuce | Green

Salanova® Congareed RZ (79-ML7183) Knox™

A green multi Gem lettuce, attractive color and crunchy leaves.
Suitable for high density processing purposes.

- Slow bolting
- Strong against tipburn
- Nice shape and texture



Resistance: **HR:** Bl:29-32,34,36,39,40EU/Nr:0 **IR:** -

New varieties in trial (t)

Salanova® Dartmore RZ (79-ML7024) Knox™

A green multi Gem lettuce, blond in color.
Could act as a sturdier butter leaf.
Suitable for high density processing purposes.



Resistance: **HR:** Bl:29-32,34,36,39,40EU/Nr:0 **IR:** -

Napa RZ (79-ML7147) (t)

A green multi crunchy Cos. This variety has small leaves, falls apart easily. Suitable for high density processing purposes.



Resistance: **HR:** Bl:29-31,34,36-40EU/Nr:0/Pb **IR:** Fol:4

Gem lettuce | Red

Alaine RZ

Reliable red gem lettuce

A red gem lettuce which is slightly larger than most gem lettuce varieties, and the head has a remarkable dark red colour.

- Dark red head
- Very slow bolting
- Very strong against tipburn



Resistance: **HR:** Bl:29-39EU/Fol:1/Nr:0 **IR:** LMV:1

Salanova® Coconino RZ Knox™

Multi-leaf Gem lettuce with a beautiful colour contrast

A vigorous red multi-leaf Gem lettuce. Has a slightly blistered leaf and is strong against tipburn.

- Dark red head
- Very slow bolting
- Very strong against tipburn



Resistance: **HR:** Bl:29-37,39-41EU/Nr:0 **IR:** -

Temperate growing conditions

	Winter		Summer	Plant factory
	Day 13 hrs	Day > 13 hrs (artificial light)	Day > 13 hrs	Day 16-20 hrs
Gem lettuce Green				
Salanova® Congareed RZ Knox™	●	●	●	●
Dartmore RZ (79-ML7024) Knox™	●	●	●	●
Napa RZ (79-ML7147) (t)	●	●	●	●
Gem lettuce Red				
Alaine RZ	●	●	●	●
Salanova® Coconino RZ Knox™	●	●	●	●

(t) Only trial seeds available

Lolla Bionda | Green

Lamarre RZ

Highly suitable for Salatrio mixes

A fast-growing variety with an attractive blond colour for indoor hydroponics production in the summer.

- Strong root system
- Ideal for Salatrio mixes
- Also suitable for wholehead production



Resistance: **HR:** Bl:29-37,39,40EU/Nr:0 **IR:** -

Limambo RZ

Lollo bionda for sandwiches and burgers

A variety with a high leaf count in the head and per kg or lbs. Firm leaves that withstand heat and acidity. Ideal sandwich and burger leaf.

- Sturdy leaves
- Suitable for hydroponic production
- High leaf count



Resistance: **HR:** Bl:29-32,34,36,39,40EU/Fol:4/Nr:0/Pb **IR:** LMV:1

Limeira RZ

Easy to pack

Lettuce with thick leaves and finely frilled edge. Compact shaped head with a closed and slightly pointed base which makes packaging easy.

- Nice and compact shape
- Attractive leaf shape
- Very few yellow leaves at the base



Resistance: **HR:** Bl:29-39EU/Fol:4 **IR:** Fol:1

Lozano RZ

Suitable for Salatrio mixes

A lettuce that has a good shelf life. It has a slightly upright base, is slow bolting and is strong to tipburn.

- Upright base
- Suitable in Salatrio mixes
- Good shelf life



Resistance: **HR:** Bl:29-33EU/Nr:0 **IR:** -

Lugano RZ

Fast year-round performer

A lettuce with an attractive round head and finely frilled leaves. It develops quickly and is very strong against tipburn and brown veins.

- Quick to develop
- Suitable for Salatrio mixes
- Upright growth habit and slow bolting

Resistance: **HR:** Bl:32EU/Fol:4 **IR:** -



Teramo RZ

Robust and compact

A lettuce with a nice round and compact head. Strong vigour, is very strong against bolting and internal and external tipburn.

- Long harvesting window
- Easy to harvest
- High yield

Resistance: **HR:** Bl:29-37,39-41EU/Nr:0 **IR:** Fol:1,4



Salanova® Vincas RZ Knox™

Blond incised leaf lettuce

Variety suitable for high density cultivation and mechanical harvesting. The Knox trait ensures no pinking.

- Attractive tender leaf
- Also suitable for Salatrio
- Good tipburn and bolting tolerance

Resistance: **HR:** Bl:29-37,40,41EU/Nr:0 **IR:** LMV:1



New varieties in trial (t)

86-LE2318 RZ

Successor of Limambo RZ, high tipburn tolerance and slow bolting.

Resistance: **HR:** Bl:29-40EU/Fol:4/Nr:0 **IR:** -

Lolla Rossa | Red

Carnelian RZ

Fast filling

A triple red leaf lettuce with strong and supple red leaves and a fast-filling head.

- Nice triple red colour
- Fast-filling head



Resistance: **HR:** Bl:29-37,39-41EU/Fol:4/Nr:0 **IR:** -

Corentine RZ

Vigorous in cold conditions

A triple red lettuce with thick leaves that produce a high yield. This is a vigorous variety even in cold conditions.

- Thick and sturdy leaves
- Very vigorous, even in cold conditions



Resistance: **HR:** Bl:29-33,37,38EU **IR:** -

Satine RZ

Upright and strong

A lettuce with an attractive double red head that is very suitable for Salatrio mixes.

- Upright growth habit
- Healthy and strong
- Attractive double red colour



Resistance: **HR:** Bl:30-32,37,38EU/Fol:4/Nr:0 **IR:** -

Floriantine RZ

Lollo rossa with more power and suitable for salatrio on hydroponics. The colour is cherry red. Stronger against tipburn.



Resistance: **HR:** Bl:29-37,39-41EU/Nr:0 **IR:** -



Temperate growing conditions

	Winter		Summer	Plant factory
	Day 13 hrs	Day > 13 hrs (artificial light)	Day > 13 hrs	Day 16-20 hrs
Lollo Bionda				
Lamarre RZ	●	●	●	●
Limambo RZ	●	●	●	●
Limeira RZ	●	●		
Lozano RZ	●	●		
Lugano RZ		●	●	●
Teramo RZ	●	●		
Salanova® Vincas RZ Knox™	●	●	●	●
86-LE2318 RZ (t)	●	●	●	●
Lollo Rossa				
Carnelian RZ		●	●	●
Corentine RZ	●	●		
Satine RZ		●	●	●
Floriantine RZ	●	●		

(t) Only trial seeds available

Oakleaf lettuce | Green

Kimenez RZ

Strong against tipburn

A green oakleaf lettuce with thick bright green leaves and open head. Quite strong against tipburn

- High yield
- Thick leaves
- Strong against tipburn in hydroponics

Resistance: **HR:** Bl:29-34,36,39,40EU/Nr:0 **IR:** Fol:1



Kibolo RZ

A slow bolting green oakleaf which could perform well in artificial light conditions

- Fast growing
- Nice filling
- Fresh colour

Resistance: **HR:** Bl:29-40EU/Nr:0 **IR:** Fol:1,4



Salanova® Mistergus RZ

Strong against tipburn

A Salanova green incised oakleaf. Slow bolting and it is strong against internal tip burn.

- Suitable for wholehead and high density production
- High yield
- Thick leaves

Resistance: **HR:** Bl:29-37,40,41EU/Fol:4/Nr:0 **IR:** Ss (Rs)/Fol:1



Salanova


Salanova® Cook RZ

Firm and attractive head

A green oak multileaf lettuce with small, glossy, dark green leaves with a nicely lobed shape.

- Small, attractively shaped oakleaf leaves
- Nice glossy colour

Resistance: **HR:** Bl:29-31,34,36,39,40EU **IR:** -



Salanova


Salanova® Cousteau RZ

Good field standability

A green oak multileaf lettuce with nice shiny, dark green leaves with a 3D oakleaf shape for good volume in bagged salads.

- Shiny leaves with an attractive colour
- 3D leaves for good volume

Resistance: **HR:** Bl:29-37,39-41EU/Nr:0 **IR:** -



Salanova® Vespucci RZ **Knox™**

Upright shiny green multi-leaf

An upright shiny green multi-leaf lettuce. It has leaves with fine lobes very suitable for mechanical harvesting and has the Knox trait.

- Suitable for wholehead and high density production
- Good leaf shape
- Delayed pinking thanks to Knox

Resistance: **HR:** Bl:29-40EU/Nr:0 **IR:** LMV:1



New varieties in trial (t)

Salanova® Aldrin RZ (t)

A slow bolting green oakleaf lettuce prototype with a larger head size and the typical Salanova high leaf count per head. Suitable for year-round high tech hydroponic production (except for hot summers).

Resistance: **HR:** Bl:29-32,34,36,39,40EU/Nr:0 **IR:** -



Salanova® 79-ML3966 RZ (t) **Knox™**

An upright green oak multileaf lettuce for year-round hydroponics production with sturdy attractive lobbed leaves.

Resistance: **HR:** Bl:29-38,40,41EU/Nr:0 **IR:** -

Oakleaf lettuce | Red

Supradai RZ Knox™

A quattro red lettuce which is very strong against tipburn. Great performance in conditions with artificial light.

- Strong against tipburn
- Suitable as wholehead and in salatrio
- Delayed pinking thanks to Knox



Resistance: **HR:** Bl:29-37,39-41EU/Nr:0/Pb **IR:** LMV:1

Romaï RZ

Excellent leaf colour and shape

A quattro red lettuce with nicely shaped 3D leaves that have an excellent colour and upright growth. Very suitable for Salatrio mixes.

- Excellent colour
- Upright growing
- Strong against tipburn



Resistance: **HR:** Bl:29-37,39-41EU/Nr:0 **IR:** -

Rouxai RZ

Intense quattro red leaves

A quattro red oakleaf lettuce which is unique for its intense red colour on both the top and underside of its leaves.

- Excellent colour
- Compact frame



Resistance: **HR:** Bl:29,30,32,33EU/Nr:0 **IR:** -

Saturdai RZ

Quattro red and compact

A quattro red lettuce with short, compact, very dark red leaves. It is fast growing and strong against tipburn.

- Very dark red
- Compact short leaves
- Fast development



Resistance: **HR:** Bl:29-34,36,39,40EU/Nr:0 **IR:** -

Shentai RZ

Fast and upright growth

A red lettuce with firm, upright growing leaves that are very dark red on both sides. The head is very well-balanced and has a healthy base.

- Strong against tipburn
- Fast growing
- Firm leaves

Resistance: **HR:** Bl:29-40EU/Nr:0 **IR:**



Salanova® Xandra RZ

Attractive colour and leaf shape

A multileaf lettuce with attractively incised oak-shaped leaves. The deep red colour creates a striking contrast between the red and green.

- Intense dark red colour
- Strong against bolting and tipburn

Resistance: **HR:** Bl:29-32,34,36,39,40EU/Nr:0 **IR:** -



Salanova® Xem RZ

Appealing colour and taste

A multileaf lettuce with a vibrant contrast between the red and the green. The leaves are sweet and crispy with a slightly nutty flavour.

- Dark red colour with good contrast
- Very versatile
- Strong against bolting and tipburn
- Highly Resistant

Resistance: **HR:** Bl:29-37,39-41EU/Nr:0 **IR:** -



Salanova® Xodos RZ Knox™

Red Salanova® oak leaf

A multileaf lettuce with a vibrant contrast between the red and the green. The leaves are sweet and crispy with a slightly nutty flavour.

- Suitable for wholehead, Salatrio and high density production
- Dark red colour with good contrast
- Strong against bolting and tipburn
- Highly Resistant

Resistance: **HR:** Bl:29-37,39-41EU **IR:** Fol:4



Oakleaf lettuce | Red

Salanova® Xapia RZ Knox™

A multi leaf lettuce, with very attractive oak shaped coarse leaves. Nice red in color.

- Suitable for wholehead, Salatrio and high density production/
- Coarse leaf lobes
- Delayed pinking thanks to Knox



Resistance: **HR:** Bl:29-37,39-41EU/Nr:0 **IR:** -

New varieties in trial (t)

79-ML4438 RZ (t) Knox™

An upright green oak multileaf lettuce for yearround hydroponics production with sturdy attractive lobbed leaves.

Resistance: **HR:** Bl:29-38,40,41EU/Nr:0 **IR:** -



Temperate growing conditions

	Winter		Summer	Plant factory
	Day 13 hrs	Day > 13 hrs (artificial light)	Day > 13 hrs	Day 16-20 hrs
Oakleaf Green				
Kimenoz RZ	●	●	●	●
Salanova® Mistergus RZ		●	●	●
Salanova® Cook RZ	●	●		
Salanova® Cousteau RZ		●	●	●
Salanova® Vespucci RZ		●	●	●
Salanova® Aldrin RZ (t)	●	●		
Salanova® 79-ML3966 RZ Knox™	●	●	●	●
82-OA1195 (t)	●	●	●	●
Oakleaf Red				
Supradai RZ			●	●
Romaï RZ	●	●	●	●
Rouxai RZ			●	●
Saturdai RZ	●	●		
Shentai RZ	●			
Salanova® Xandra RZ	●	●		
Salanova® Xem RZ	●	●	●	●
Salanova® Xodos RZ Knox™		●	●	●
Salanova® Xapia RZ	●	●	●	●
Salanova® 79-ML4438 RZ (t)	●	●	●	●

(t) Only trial seeds available



**Knox™
prevents
pinking in
lettuce**

Knox™

Extended shelf life **thanks to Knox**



Happy
consumers



Extended
shelf life



Mechanical
harvesting

Discover the benefits of Knox at

www.rijkzwaan.com/en/page/knox

Salanova®



Salanova® by Rijk Zwaan - All about the leaves

Salanova® is the brand that stands for delicious and fresh lettuce. The 'One cut, ready' principle offers extra convenience, resulting in numerous baby-sized leaves. The range consists of various lettuce types like Salanova Butter and Crispy. All of these are available in red and green, and have exceptional additional features such as three to four times more leaves than normal lettuce.



A brand by

RIJK ZWAAN

Other leafy greens

At Rijk Zwaan we are truly passionate about salad mixes, blends with contrasting colours, textures, leaf shapes and nutritional value. In addition to our wide range of lettuce varieties the following leafy greens are also suitable for hydroponic cultivation.

Please contact your local Rijk Zwaan specialist for customised crop advice.

Rocket

Wild and cultivated rocket - also known as Arugula. A popular leaf around the world.



New varieties in trial (t)

Sparkle RZ (t)

An unique & innovative round leaf cultivated rocket (eruca) with an incredible taste and excellent shelf life.

Tabus RZ (t)

Cultivated Rocket as alternative to wild rocket with similar leaf shape but faster speed and late bolting behavior.

CR31134 RZ (t)

Cultivated Rocket with nice attractively shaped and well-incised leaves and a good colour.

CR31138 RZ (t)

Cultivated Rocket, great color with attractive incised shaped leaves.

Hydroponic Swiss chard



Swiss chard

Chard is an attractive leaf to grow on hydroponics. The fresh and tender leaves combined with the colourful stalks and veins makes it a great leafy to add as an ingredient in your salad blend.



New varieties in trial (t)

Charlie RZ (t)

A fast-growing Swiss chard variety that is especially suitable for baby-leaf use. It has a slightly savoyed, oval leaf shape and slender stem.

Charsano RZ (t)

A Swiss chard variety with dark green leaves and white veins that is suitable for the convenience market.

Other leafy greens

Kale

Kale or leaf cabbage, rich on nutrients and a great product to grow on hydroponics. New in our assortment are kale varieties with a low growing point. The tender stem and curly leaves have a sweet and crunchy flavour. The product is harvestable at different growing stages and can be used as an ingredient in mixes or marketed in a bunch.

New varieties in trial (t)

Karillo RZ (t)

Karillo RZ is a dark green Kale variety with a specific low growing point. Plant vigor is strong, developing tender curly leaves with up to 35 cm length, harvestable at young stage.



Brassini RZ (t)

This Purple Babyleaf Kale novelty combines vigor and yield due to its broad curvy foliage. The upright growing habit offers flexible options in density and growing speed. Blue purple leaves come with red stems and veins. A mild creamy flavour provides an interesting single product or a valuable partner in leafy-mixes.



Brassoli RZ (t)

Incised Babyleaf kale with spicy taste and unique texture, adding value to all leafy mixes. This novelty with long incised green leaves in 3-D structure and red veins adds diversity to our Brassica range. The upright growing habit offers flexible options in density and growing speed.



Endive

A green leafy vegetable with a slightly bitter taste. Frisée endive typically has attractive fine narrow green leaves with white stems. Endive is a sensational vegetable to grow on your hydroponics system with a good shelf life.



New varieties in trial (t)

11-EN5062 RZ (t)

A good yielding Endive, with a great 3D leaf structure and nice texture.

Other leafy greens

Spinach

Spinach is not the easiest crop to grow on hydroponics. A range of babyleaf varieties has been selected that perform well on hydroponics.



New varieties in trial (t)

Sunangel RZ (t)

A savoy spinach variety with round, dark green, thick leaves that have an attractive blister.

Yakalo RZ (t)

A semi-savoy spinach variety with firm, round, dark green leaves for the baby leaf and convenience markets

Hydroponic Spinach



Resistance statement

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.

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

Rijk Zwaan's descriptions, illustrations, growing advices and any other information in whatever form for example on expiry, sowing, planting and harvesting dates are based as precisely as possible on experiences in trials and in practice. However, Rijk Zwaan does not accept in any case liability for damages resulting from the use of such descriptions, illustrations, growing advices and information. The buyer/user itself is responsible for proper storage of the seeds and will be deemed to determine whether the products and growing advices are suitable to be used for the intended cultivations and under the local conditions.

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