



INTERNATIONAL
MARKETS

Creativity drives us forward

Gautier
SEMENCES

HYDROPONIC LETTUCE



Our professional commitment to serve the vegetable sector



KNOW-HOW & QUALITY: PRODUCING SEEDS ACCORDING TO THE BEST PRACTICES

As a seed breeder and producer, Gautier Semences markets high quality seeds, safe and healthy for high-performance vegetable farming crops. Our Quality management system ensures control and traceability of the seed-production process, compliance testing, varietal purity, germination, and sanitary analyses at every stage, from research laboratories to seed multiplication plots and to the delivery of your seeds.



We work in accordance with demanding certification standards:

- PGRP Approach (Plan to manage phytosanitary risk)
- GSPP Certification, the international preventive health system against risks of infection in tomato seed by *Clavibacter*
- Ecocert Certification for organic seeds.



**Only the taste quality
marks the lasting
success of a variety**

THE PLEASURE OF TASTE: THE ADDED VALUE OF GAUTIER SEMENCES

Improving taste has always been a major concern in our varietal breeding.

Now, the identification of genetic factors of flavours, aromas and textures enables us to select promising varieties faster to offer you ever more tasty vegetables, adapted to all the consumer trends.



RESEARCH AND VARIETAL CREATION: THE FUTURE OF THE CHAIN

Our commitment to you?

Preparing for the future and ensuring variety renewal.

At the heart of Gautier Semences, our Research and Breeding Centre is dedicated to R&D and innovation. Because we closely follow the evolution of our customers' sectors and associates, our Research team participate in numerous national and international projects and conduct ambitious breeding programmes. Our research approaches are determined with total independence.

Our company benefits from a multi-site experimentation network, and every year conducts over 1500 trials to select the best varieties.

The Gautier Semences offer is both the fruit of great expertise in the profession of seed producer and an approach based on continuous proactive innovation.

A single priority guides our choices: responding to the challenges of the vegetable farming chain for efficient crops, today and tomorrow.



THE TRIPLE FOCUS OF OUR WORK

1: Anticipating evolutions

At Gautier Semences we use our resources and the expertise of our teams to design varieties adapted to contextual evolutions: environmental regulations, climate change, resistance to disease and bio-aggressors, cultivation techniques, distribution methods and consumer trends.

2: Proposing adapted solutions

Indoor, outdoor, off-ground, hydroponics, vertical farming, mechanised harvesting and more. We create specific varieties for your various cultivation methods, both conventional and Organic. For every production basin, for every timeframe from the earliest to the latest, you have the benefit of solutions, recommendations and advice from the teams at Gautier Semences.

3: Contributing sustainably to agricultural heritage

Gautier Semences maintains and enriches biodiversity through our work of conservative breeding of local varieties and the creation of original seeds with high added-value. We provide a unique agronomic heritage at the service of producers and the environment.

A continuously evolving range

The hydroponic lettuce market is growing rapidly around the world, driven by increasing demand for fresh produce grown through efficient, sustainable, and locally sourced agriculture. These innovative hydroponic systems meet these expectations by optimizing water usage, enhancing plant growth, and enabling pesticide-free cultivation year-round, regardless of geographical constraints.

Selected to meet the needs of modern agriculture professionals, our lettuce varieties have been proven to perform exceptionally well in hydroponic systems. They excel in key criteria such as cycle duration, plant compactness, and vibrant leaf coloration, making them ideal for the rapid growth requirements of lettuce in controlled environments.

Our lettuce varieties also demonstrate excellent resistance to tip burn and bolting, offering greater flexibility during harvests. They combine ease of cultivation with robust resistance traits, ensuring more efficient and protected production.

Aligned with the latest trends in international markets, our range stands out for its diverse typologies, offering an incredible variety of shapes and colours.

We invite you to explore this brochure to learn more about the unique characteristics of each variety and the benefits they can bring to your operation.

OUR RANGE IN DETAIL

	Variety		Resistances		Volume	Growing conditions		
						Cold	Warm temperate	Tropical
BUTTERHEAD	OVALIE		Bl: 29-41EU		*	✓	✓	
	EIFFEL A3091		Bl: 29-41EU, Nr:0		* * *	✓		
	BRETZEL		Bl: 29-41EU, Nr:0		* * *	✓		
	ETINCEL		Bl: 29-39EU		* * *	✓		
	CALINDA		Bl: 29-40EU		* *		✓	✓
	RUMBA		Bl: 29-41EU		* *		✓	
MULTILEAF	AUSSIGO Bb2163		Bl: 29-41EU, Nr:0	LMV:1	* * *	✓	✓	
	FLORIGO		Bl: 29-41EU, Nr:0	LMV:1	* *	✓	✓	
	REDIGO 3		Bl: 29-41EU, Nr:0	Fol:1	* *	✓	✓	
	ONIGO		Bl: 29-41EU, Nr:0		*	✓	✓	
	RUBYGO 2		Bl: 29-41EU, Nr:0	Fol:1, Fol:4	* *	✓	✓	
	VERIGO		Bl: 32EU		*		✓	
BATAVIA	HAPPI		Bl: 29-32,34,36,39-40EU, Nr:0	LMV:1, Fol:1	* *	✓	✓	✓
	GOLEM		Bl: 29-41EU, Nr:0	LMV:1, Fol:1, Fol:4	* * *	✓	✓	✓
	SILONIS		Bl: 29-41EU, Nr:0	Fol:4	* * *	✓		
	MONOPOLIS		Bl: 29-41EU, Nr:0	Fol:4	* * *	✓		
	CRISALIS		Bl: 29-41EU, Nr:0	Fol:4	* *	✓		
	IMANIS		Bl: 29-41EU, Nr:0	Fol:1	* * *	✓		
	ZENDALI H1519		Bl: 29-41EU, Nr:0	Fol:4	* * *		✓	✓
	GOLDORAC		Bl: 29-41EU, Nr:0	Fol:1	* *		✓	✓
	PARICI		Bl: 29-40EU, Nr:0		* *		✓	✓
	PALATINA		Bl: 30-32,38EU, Nr:0	LMV:1	* * *		✓	✓
OAKLEAF	DELINICE		Bl: 29-41EU, Nr:0		* *	✓	✓	✓
	BELANICE		Bl: 29-31,34,36,39-40EU, Nr:0		* *	✓	✓	✓
	GLORINICE		Bl: 29-41EU, Nr:0	Fol:4	*		✓	✓
	PARINICE		Bl: 29-33, 35-39EU, Nr:0	LMV:1	* * *		✓	✓
	PANISSE		Bl: 32EU, Nr:0	LMV:1	* * *		✓	✓
LITTLE GEM & LOLLO	CELISTRA		Bl: 29-41EU, Nr:0	LMV:1, Fol:1	* *	✓	✓	
	GATSBI		Bl: 29-39EU, Nr:0	LMV:1	*	✓		
	ELECTRA		Bl: 29-35,37-38,40-41EU, Nr:0	LMV:1, Fol:1	* *		✓	
	MATELO		Bl: 30-32,37-38EU, Nr:0	Fol:1, Fol:4	* * *	✓	✓	

BUTTERHEAD



OVALIE

ALL PERIODS

The most attractive of red lettuces



HR BI: 29-41EU

- Beautiful bright red colour
- Thick foliage
- Homogeneous and uniform
- Great plasticity of use



EIFFEL A3091

SHORT DAY

New for intermediate slots



HR BI: 29-41EU, Nr:0

- Well-structured and filled head
- Well balanced plant
- Good bottom quality
- Suited for both fresh and food processing markets



BRETZEL

SHORT DAY

Precocity for the heart of the season



HR BI: 29-41EU, Nr:0

- Beautiful balanced plant
- Very good bottom quality
- Good field standing ability
- Semi-closed head



ETINCEL

SHORT DAY

High quality open head

HR BI: 29-39EU

- Attractive glossy green foliage, smooth leaf
- Open head, good volume, good filling capacity
- Good bottom quality



CALINDA

LONG DAY

Compactness and weight in hot conditions

HR BI: 29-40EU

- Compact plant
- Semi-open head
- Good head/outer leaves balance
- Good resistance to tip burn and bolting
- Good bottom quality



RUMBA

LONG DAY

Well suited to short cycles in hot conditions



HR BI: 29-41EU

- Blond and robust foliage
- Beautiful presentation, with open head
- Full pack resistance to Bremia
- Well closed bottom

MULTILEAF



AUSSIGO Bb2163

ALL PERIODS

Volume and weight



(HR) BI: 29-41EU, Nr:0

(IR) LMV:1

- Incised and wavy leaves
- Good volume, good field standing
- Easy to cut and harvest



FLORIGO

ALL PERIODS

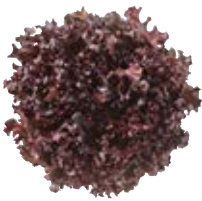
Yield and resistance



(HR) BI: 29-41EU, Nr:0

(IR) LMV:1

- Batavia type with incised and curly green leaves
- Compact and solid plant



REDIGO 3

ALL PERIODS

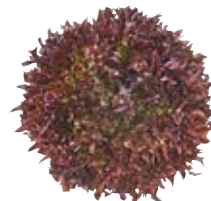
Intense colour and resistance



(HR) BI: 29-41EU, Nr:0

(IR) Fol:1

- Batavia type with red and incised leaves
- Intense red colour to the heart
- Aphid resistance



ONIGO

ALL PERIODS

Weight and compactness



(HR) BI: 29-41EU, Nr:0

- Fine incised and curled leaves
- Attractive red external colour



RUBYGO 2

ALL PERIODS

Very attractive presentation



(HR) BI: 29-41EU, Nr:0

(IR) Fol:1, Fol:4

- Batavia type with whole leaves with curled edge
- Two-tone red and green colour
- Very attractive presentation
- Good post-harvest storage
- Ideal variety for sandwiches



VERIGO

LONG DAY

Whole, crunchy leaves

(HR) BI: 32EU

- Whole leaves, solid and crunchy, with curled edges
- Good post-harvest shelf-life
- Ideal variety for sandwiches

Still available

REDIGO 2

BATAVIA



HAPPI

ALL PERIODS

Good compactness



HR BI: 29-32, 34, 36, 39-40EU, Nr:0

IR LMV:1, Fol:1

- Compact, well filled plant with short leaves
- Resistant to bolting and tip burn
- Adapted to short cycles in hot conditions



GOLEM

ALL PERIODS

Full protection during summer



HR BI: 29-41EU, Nr:0

IR LMV:1, Fol:1, Fol:4

- Homogenous plant with an open head
- Attractive presentation with undulated foliage
- Good volume in hot conditions
- Clean and flat bottom
- Tip burn and bolting resistant



SILONIS

SHORT DAY

Very good filling capacity



HR BI: 29-41EU, Nr:0

IR Fol:4

- Good growing capacity for late fall plantings
- Ideal weight/volume ratio
- Fast heart filling



MONOPOLIS

SHORT DAY

Wide planting window



HR BI: 29-41EU, Nr:0

IR Fol:4

- Attractive presentation
- Shiny blond wavy foliage
- Volume adapted to difficult conditions
- Good filling
- Good base quality



CRISALIS

SHORT DAY

Short foliage and easy harvest



HR BI: 29-41EU, Nr:0

IR Fol:4

- Attractive and modern presentation
- Good field standing ability
- Good weight/volume balance on the first autumn plantings



IMANIS

SHORT DAY

Bremia and Fusarium Fol:1 protection



HR BI: 29-41EU, Nr:0

IR Fol:1

- Safety in plots at risk of Fusarium wilt Fol:1
- Solid plant
- Excellent bottom quality
- Good field standing ability



ZENDALI H1519

LONG DAY

Compacity for hot conditions



HR BI: 29-41EU, Nr:0

IR Fol:4

- Compact plant, easy to handle
- Short, flexible leaves
- Good resistance to bolting and tip burn



GOLDORAC

LONG DAY

Our reference for hot growing conditions



HR BI: 29-41EU, Nr:0

IR Fol:1

- Open head variety with a curly foliage
- Compact plant, well balanced and easy to handle
- Early cycle with a very good resistance to tip burn and bolting



PARICI

LONG DAY

Optimum volume in hot conditions

HR BI: 29-40EU, Nr:0

- Strong, compact plant with open, heavy head
- Good resistance to bolting and tip burn
- Good bottom quality



PALATINA

LONG DAY

Ideal for the Overseas Territories

HR BI: 30-32, 38EU, Nr:0

IR LMV:1

- Shiny, thick blond leaf
- Excellent resistance to bolting and tip burn in hot conditions
- Flat habit plant and well filled heart
- Adapted to production conditions in the Overseas Territories

Still available

STORINA



OAKLEAF



DELINICE

ALL PERIODS

Ideal presentation for the heart of the season



HR BI: 29-41EU, Nr:0

- Very attractive presentation, with shiny foliage
- Well-structured and balanced plant, with very good heart filling
- Excellent bottom quality
- Good resistance to bolting and tip burn



BELANICE

ALL PERIODS

Good behaviour in NFT and floating system



HR BI: 29-31,34,36,39-40EU, Nr:0

- Very attractive plant presentation
- Well-structured and balanced plant, with very good heart filling
- Ideal weight/volume ratio
- Good resistance to bolting and tip burn
- Burn



GLORINICE

LONG DAY

More safety for hot conditions



HR BI: 29-41EU, Nr:0

IR Fol:4

- Safety in Fusarium Fol:4 risk plots
- Compactness and nice plant conformation
- Good bottom quality
- Excellent resistance to bolting and tip burn
- Good field standing ability



PARINICE

LONG DAY

Compactness and resistance to hot conditions

HR BI: 29-33,35-39EU, Nr:0

IR LMV:1

- Compact, shiny plant with closed bottom making handling easier
- Good tolerance to tip burn and resistance to bolting
- Good post-harvest performance
- Adapted to hot conditions



PANISSE

LONG DAY

Bolting and tip burn resistance

HR BI: 32EU, Nr:0

IR LMV:1

- Compact plant of good volume, quite low, very good field standing
- Cut leaf, smooth, blond and shiny
- Well filled heart
- Good tolerance to tip burn and not very sensitive to bolting

LITTLE GEM & LOLLO



CELISTRA

ALL PERIODS

Quality of heart



HR BI: 29-41EU, Nr:0

IR LMV:1, Fol:1

- Plant easy to handle and trim
- Good ability to grow in difficult cold conditions
- Complementarity with Gatsbi at the start and end of the season



GATSBY

SHORT DAY

More flexibility and security for your productions

HR BI: 29-39EU, Nr:0

IR LMV:1

- Dark green colour
- Nice heart shape and easy trimming
- Flexible to use
- Very good resistance to bolting and tip burn



ELECTRA

LONG DAY

A beautiful heart, flexible to use



HR BI:29-35,37-38,40-41EU, Nr:0

IR LMV:1, Fol:1

- Very versatile, stable variety with good plasticity
- Medium green colour
- Good volume and weight
- Flexible use and easy trimming
- High tolerance to tip burn and bolting



MATELO

ALL PERIODS

Intense colour



HR BI:30-32,37-38EU, Nr:0

IR Fol:1, Fol:4

- Lollo Rouge double red type
- Plant with brightly coloured limbs



Variety under provisional sales authorization, denomination under validation.



Varieties with Bremia full resistances BI:29-41EU



Varieties with Fusarium resistances Fol:1 and/or Fol:4

Abbreviations & diseases

BI : *Bremia lactucae* or Mildew

Nr : Aphid Nasonovia Ribisnigri

LMV : Lettuce Mosaic Virus

Fol : Fusarium wilt, *Fusarium oxysporum f.sp. lactucae*

HR Standard or High Resistance

IR Moderate or Intermediate Resistance

The advice and suggestions are provided for guidance only and can not, therefore, include a guarantee of results.

All varieties illustrated in this paper have been photographed under favorable conditions, their behaviour can vary on individual culture conditions.



THE GAUTIER SALES TEAM



Arjan VAN STEEKELENBURG
SALES MANAGER FOR HIGH TECH MARKET
arjan.vansteekelenburg@gautiersemences.com
+31 6 17 10 54 69



Clément LABORDE
DISTRIBUTOR MANAGER
clement.laborde@gautiersemences.com
+52 (442) 607 9764



Marin BOURAYNE
SALES DIRECTOR FOR SUBSIDIARIES
SPAIN, ITALY, TURKEY
marin.bourayne@gautiersemences.com
+33 6 22 44 94 17



Edouard ELIZAROV
SALES AND TECHNICAL REPRESENTATIVE
RUSSIA, NORTHERN, CENTRAL AND
EASTERN EUROPE
edouard.elizarov@gautiersemences.com
+33 6 87 70 27 59



Eric BARNERON
AREA SALES DIRECTOR
NORTHERN EUROPE HIGH TECH TOMATO,
AMERICAS, ASIA, PERSIAN GULF
eric.barneron@gautiersemences.com
+33 6 84 76 33 64



Yu HAN
SALES AND TECHNICAL REPRESENTATIVE
CHINA
yu.han@gautiersemences.com
+86 180 6327 0712



Léo VAILLANT
CROP PORTFOLIO LEAD
leo.vaillant@gautiersemences.com
+33 7 68 75 04 07



CUSTOMER SERVICE
commercial@gautiersemences.com
+33 4 90 240 240