



INTERNATIONAL  
MARKETS

**Gautier**  
SEMENCES

**Creativity drives us forward**

# SQUASH



# Our 3 concepts to guide you in your choice



**NewDelhi**<sup>ToL.CNDV</sup>  
& **PERFORMANCE**

When Resistance meets Performance for your field crops. Secure your yields with **DELHIRIUM** and **DELHIXIR**



The range of highly parthenocarpic squashes for greater reliability in your protected cropping. Make your growing easier with **MAVERIC** and **VITALIC** N156

**Master  
Fresh**

With MasterFresh, Gautier Semences offers a squashes range with superior conservation assets. Find our references: **TWITTER, CENTAURO, NORIAC, LINGODOR** and **SATELITE**

The background of the entire page is a photograph of a squash field. In the foreground, there are large green leaves and bright orange flowers. In the middle ground, there are rows of young squash plants. In the background, there is a green mesh fence and a tall white flag with the 'Gautier SEMENCES' logo. The sky is blue with some light clouds.

**Gautier**  
SEMENCES

A stylized green leaf icon with three leaves pointing upwards and to the right, positioned to the right of the main text area.

## Gautier Semences, by your side to face the new squash challenges

The New Delhi virus is resurging, as are other viruses affecting squash crops.

Thanks to our expertise and fieldwork, we already have varieties resistant to the New Delhi virus.

We continue to innovate to offer you concrete solutions tailored to your needs:

- Resistant and productive varieties designed for your growing conditions
- A diverse portfolio combining innovation and differentiation: Frutastic®, MasterFresh
- An organic range in constant development

















































We also offer an incomparable diversity of shapes and colours to make your productions stand out and satisfy your customers' demand for attractive and original vegetable.

At Gautier Semences, innovation serves your success.

**Your sales team**



## OUR RANGE AT A GLANCE

Variety	Resistances 	Crop	Vigor	Earliness	Viral pressure conditions	Powdery mildew resistance
<b>LONG GREEN</b>						
DELHIRIUM HFI 	ZYMV/WMV/CMV/ToLCNDV/Px	Indoor/Outdoor	****		++++	✓
DELHIXIR HFI	ZYMV/WMV/CMV/ToLCNDV/Px	Indoor/Outdoor	***		++++	✓
MAVERIC HFI 	Px	Indoor	**		-	✓
VITALIC N156 HFI 	Px	Indoor	***		-	✓
LINIAC HFI 	ZYMV/WMV/CMV/PRSV/Px	Outdoor	***		+++	✓
NORIAN HFI 	ZYMV/WMV/CMV/PRSV/Px	Outdoor	***		++++	✓
ZODIAC HFI 	ZYMV/WMV/CMV/Px	Outdoor	****		+++	✓
KONIAN HFI 	ZYMV/WMV/CMV/PRSV/Px	Outdoor	***		+++	✓
CYRIAC HFI 	ZYMV/WMV/CMV/PRSV/Px	Indoor/Outdoor	***		+++	✓
TWITTER HFI 	Px	Indoor/Outdoor	***		-	✓
ALCAZAR HFI	ZYMV/Px	Indoor/Outdoor	***		+	✓
CÉLESTE HFI 	ZYMV/Px	Indoor/Outdoor	***		+	✓
EXPLORER HFI	Px	Indoor/Outdoor	***		+	✓
TEMPRA HFI 	-	Indoor/Outdoor	***		-	-
CENTAURO HFI	Px	Indoor	****		-	✓
MANTICO N157 HFI	ZYMV/WMV/CMV/Px	Indoor/Outdoor	****		+++	✓
<b>LONG LIGHT GREEN</b>						
AMALTHÉE HFI	-	Indoor	****		-	-
MAJESTÉE HFI 	ZYMV/WMV/CMV/PRSV/Px	Indoor/Outdoor	***		++++	✓
CALISTÉE L155 HFI	ZYMV/WMV/PRSV	Indoor/Outdoor	***		+++	✓
<b>LONG SPECIALTIES</b>						
STRATOS HFI	ZYMV/WMV/PX	Indoor/Outdoor	***		+++	✓
STRIKE HFI 	ZYMV/WMV	Outdoor	****		++	-
LINGODOR HFI 	ZYMV/WMV/CMV/PRSV/Px	Indoor/Outdoor	***		+++	✓
<b>ROUND</b>						
GRAVITY HFI 	ZYMV/WMV/CMV/Px	Indoor/Outdoor	***		+++	✓
JUPITER HFI 	ZYMV/WMV/CMV/Px	Indoor/Outdoor	***		++++	✓
SATELITE HFI 	-	Indoor/Outdoor	****		-	-
GALILÉE HFI	ZYMV/WMV/CMV/Px	Indoor/Outdoor	****		+++	✓
GÉODE HFI 	-	Indoor/Outdoor	****		-	-
LUNEOR HFI 	ZYMV/WMV/CMV/Px	Indoor/Outdoor	***		+++	✓

VIGOR: \* low \*\*\*\* very high

EARLINESS: ● late  very early

VARIETY ADAPTED TO VIRAL PRESSURE CONDITIONS: + very low / ++ low / +++ moderate / ++++ high

VITALIC N156, MANTICO N157 and CALISTÉE L155 are varieties under provisional sales authorization, denomination under validation. The varieties presented under a number are available for testing until their registration in the official catalogue.

# LONG GREEN



## Resistance to New Delhi virus



### DELHIRIUM HF1

**Yield security against New Delhi virus**



IR ZYMV/WMV/CMV/ToLCNDV/Px

- Dark green, cylindrical fruit with uniform quality
- Intermediate plant vigor
- Short internodes
- Open and upright habit for easier harvesting
- For late-summer greenhouse and open-field crops



### DELHIXIR HF1

**Good fruits quality facing New Delhi virus**



IR ZYMV/WMV/CMV/ToLCNDV/Px

- Dark green fruits with a small pistil scar
- Open plant with medium vigor and easy harvest access
- Variety recommended for summer crops
- Good intermediate resistance (IR) to main viruses and powdery mildew



## Parthenocarpic varieties



### MAVERIC HF1

**The must-have in parthenocarpic squash**



IR Px

- Uniform fruit with dark green color
- Compact and airy plant that facilitates crop management
- High early yield
- Low waste rate
- Good level of resistance to Powdery Mildew
- Suitable for early greenhouse crops or under difficult conditions (netting, closed greenhouse)



### VITALIC N156 HF1

**Earliness and quality in early greenhouse production**



IR Px

- Parthenocarpic variety, range complement to Maveric
- Very high yield potential
- High rate of first-category fruits
- Open plant habit that makes harvesting easier
- Optimal fruit size
- Vigor particularly well adapted to early and challenging production conditions

# LONG GREEN



## LINIAC HF1

**High yield under medium to high viral pressure conditions**



**IR** ZYMV/WMV/CMV/PRSV/Px

- Dark green and glossy fruit
- Flawless exterior appearance
- Compact and open plant easy to harvest, of medium vigor with short internodes and a semi erect habit
- Good yield potential and short cycle
- For outdoor production



## NORIAC HF1

**Long cycle production under strong viral pressure conditions**



*MasterFresh*

**IR** ZYMV/WMV/CMV/PRSV/Px

- High quality, shiny dark green, rather short, and cylindrical shaped fruits
- Good resistance to viruses and powdery mildew
- Good yielding potential
- Excellent shelf-life
- For outdoor production



## ZODIAC HF1

**A production asset under moderate viral pressure conditions**



**IR** ZYMV/WMV/CMV/Px

- Cylindrical dark green fruits
- Vigorous, open and erect plant habit, facilitating fruit picking
- Good level of resistance to viruses and powdery mildew
- For outdoor production



## KONIAC HF1

**Precocity and plant stability**



**IR** ZYMV/WMV/CMV/PRSV/Px

- Uniform cylindrical dark green fruits
- Intermediate vigor, very open plant and short internodes for an easy access to fruits
- Excellent plant stability on field during all the cycle
- Early and high yield potential
- Good resistance to powdery mildew to extend crop cycle
- For outdoor condition with virus pressure

*MasterFresh*



To learn more about MasterFresh, scan this QR Code

**MasterFresh, the squashes with superior shelf-life qualities, by Gautier Semences**

Ideal for your export markets or to ensure an excellent presentation on the stalls, the 5 varieties of the MasterFresh range have demonstrated their superiority on criteria such as:

- loss of mass linked to deshydration,
- firmness,
- visual aspects of presentation.

So stand out without further delay with TWITTER, CENTAURO, NORIAC, LINGODOR and SATELITE.



## CYRIAC HF1

Early and productive



IR ZYMV/WMV/CMV/PRSV/Px

- Upright, open and compact plant of medium vigor
- Short and fast cycle
- Good commercial rate
- Good shelf-life
- For outdoor production, indoor production possible



## TWITTER HF1

Performance and quality for indoor conditions



IR Px

- Homogeneous size of fruit and good shelf-life
- Good vigor with an erect habit and short internodes
- Good balance of male and female flowers
- High potential of commercial rate
- For indoor production, outdoor production possible



## CÉLESTE HF1

Flexible to use and productive



IR ZYMV/Px

- Dark green fruit, cylindrical and uniform
- Plant of medium vigor with short internodes and semi-upright bush habit
- High and regular yield with a good rate of premium fruit
- Early variety, quite easy to grow
- Indoor & outdoor production in condition of low virus pressure



## EXPLORER HF1

Excellent plant & fruit quality

IR Px

- Attractive, uniform and cylindrical fruits
- Early and vigorous plant, with an upright habit and short internodes
- Very good yielding potential
- Good shelf-life
- Easy to harvest
- Indoor & outdoor production in condition of low virus pressure



## CENTAURO HF1

High plant vigor for long cycle production



IR Px

- Shiny dark green fruit, straight and homogeneous
- Constant quality throughout the production cycle
- Vigorous plant with erect habit and medium-short internodes, open, easy to harvest and extremely healthy
- Excellent shelf life
- Rustic variety with good setting ability even in low light conditions
- For indoor short-day condition



## MANTICO N157 HF1

Resistance and quality against aphids



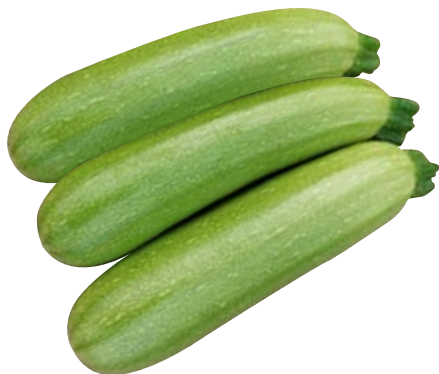
IR ZYMV/WMV/CMV/Px

- Premium quality fruit, intense dark green color, with an attractive and long-lasting shine
- Plant with suitable vigor for winter
- Resistance to multiple viruses
- Easy to handle and easy access for harvesting
- Excellent post-harvest shelf life
- For indoor and outdoor production

Still available

TEMPRA, ALCAZAR

# LONG LIGHT GREEN



**High yield  
in early cycle**

## **CALISTÉE** L155 HF1



**IR** ZYMV/WMV/PRSV

- Light green, cylindrical fruit of high quality
- High yield potential
- Compact, upright plant with short internodes
- Easy to manage and good harvesting access
- Virus resistance
- For indoor and outdoor production



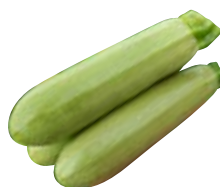
**4 viruses and  
powdery mildew  
safety**

## **MAJESTÉE** HF1



**IR** ZYMV/WMV/CMV/PRSV/Px

- Shiny, uniform, well-shaped fruits, easy to package
- Upright and rather compact plant with short internodes
- Fruits easily accessible on the plant to facilitate picking
- For indoor and outdoor production



## **AMALTHÉE** HF1

**The light green reference**

- Very early high yielding variety
- Uniform with a high percentage of first choice
- Good preservation quality after harvest
- For indoor and outdoor production



# LONG SPECIALITIES



## STRATOS HF1

### Yield and resistance

ZYMV/WMV/Px

- Light-colored, slightly marbled fruit
- High yielding
- Compact and open plant easy to harvest
- Very attractive flower that remains fresh after harvest
- For indoor and outdoor production



## STRIKE HF1

### Superior quality for your crops in organic farming



ZYMV/WMV

- Cylindrical shaped fruit with light green stripes
- Plant of strong vigor
- Very attractive flower that remains fresh after harvest
- Good resistance to viruses
- For outdoor productions



## LINGODOR HF1

### An attractive variety for all year round



ZYMV/WMV/CMV/PRSV/Px

- An original variety, producing bright yellow cylindrical fruits of superb quality
- Vigorous and productive plant resistant to virus
- Very good shelf life
- For indoor and outdoor production



Variety under provisional sales authorization, denomination under validation.



The varieties presented under a number are available for testing until their registration in the official catalogue.



Varieties available in organic seeds, subject to availability.

## The standard abbreviations:

**Code:** English name Scientific name pathogen ISF  
**CMV:** Cucumber mosaic *Cucumber mosaic virus*  
**WMV:** Watermelon mosaic *Watermelon mosaic virus*  
**ZYMV:** Zucchini yellows *Zucchini yellow mosaic virus*

**PRSV:** Papaya ringspot *Papaya ringspot virus*  
**Px:** Powdery mildew *Podosphaeria xanthii* (ex *Sphaerotheca fuliginea*)

Intermediate Resistance

Advice and suggestions as well as the information mentioned above are solely provided for guidance and are therefore no performance guarantee. All varieties illustrated in this catalogue were photographed under favourable conditions: their behaviour can vary depending on culture conditions.

# ROUND



## JUPITER HF1

### Productivity and security



IR ZYMV/WMV/CMV/Px

- High quality glossy dark green round fruit
- Good resistance to viruses and powdery mildew
- Good yield potential and earliness
- Absence of suckers that facilitates harvest
- Open plant with medium vigor
- Suitable for indoor and outdoor production in conditions of medium to high viral pressure



## SATELITE HF1

### Excellent shelf-life



MasterFresh

- Glossy dark green round fruit
- High average weight and excellent shelf-life
- Well balanced plant, rather early and productive
- Easy picking thanks to a medium length peduncle
- For indoor and outdoor production



## GALILÉE HF1

### 3 viruses resistance in white

IR ZYMV/WMV/CMV/Px

- Shiny light green round fruits of excellent presentation
- Well erect, vigorous plant with short internodes
- Very good fruit setting and homogeneous grade
- For indoor and outdoor production



## GÉODE HF1

### High yield in white



- Very attractive light green round fruit
- Vigorous plant with medium internodes
- Precocity, uniformity and productivity
- For indoor and outdoor production



## LUNEOR HF1

### Attractiveness and resistance



IR ZYMV/WMV/CMV/Px

- Bright yellow round fruit
- Upright and open plant
- Good behaviour towards viruses and powdery mildew
- Excellent yielding potential
- For indoor and outdoor production

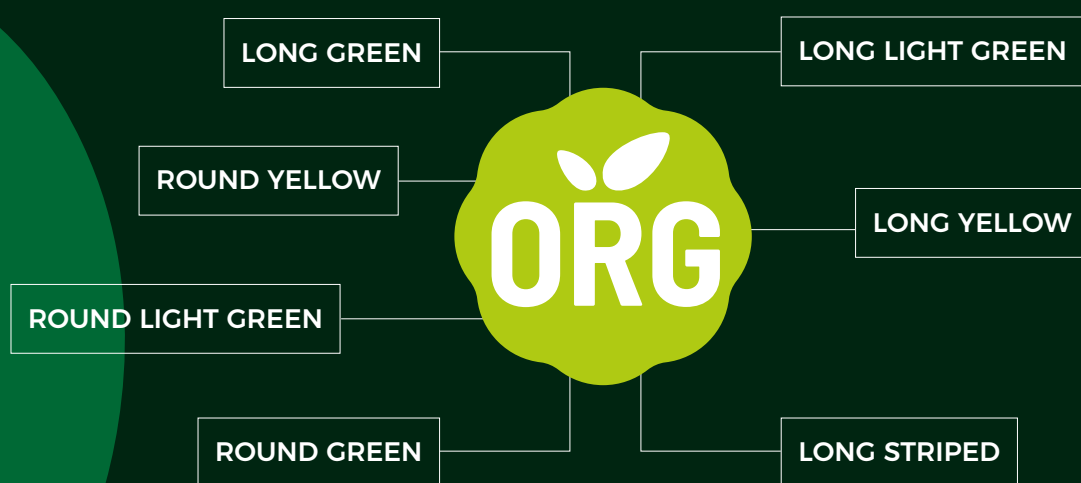
## Still available

**GRAVITY**



# Gautier Semences, more than 25 years of expertise in organic agriculture

Since our Ecocert certification in 1998, we are committed to offering you an ever expanding range of lettuce available in ever more efficient organic seeds which allows to cover multiple typologies and planting periods.



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**7 TYPOLOGIES - 19 VARIETIES**

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