



# Carigen

genetically trustworthy seeds



# We are

A 100% trustworthy  
produce enterprise

We produce  
our seeds in  
Veracruz, Mexico

We sell  
and export  
papaya seeds

to countries  
who farm  
this fruit.

Improvers  
of papaya  
produce

Thanks to the innovations  
of our team of experts,  
we develop crossbreeds

to obtain

High quality  
papaya seeds  
with constant yields.

## in Carigen

we focus on the development,  
production and commercialization of

**NON-TRANSGENIC**

papaya seeds

## Our efforts in innovation

help producers to obtain  
stronger plants

with our

**super seeds**

From our super seeds

**super trees are born**

Vigorous with high yields, healthy, big, strong and  
with more fruits and flowers.



From our super trees

**super papayas are born**

In a single tree we'll get many flowers and fruits with  
commercial sizes during the whole production cycle.  
Healthy, delicious and with a high nutritional content.



A large, stylized papaya logo in shades of orange and red, featuring a diamond shape and a paperclip, serves as a background for the main text.

# Maradol

## Papayas

A white outline map of Mexico is positioned to the left of the text.

**Mexico's  
favorites**

**The #1 in consumption and sales  
in all the country and North America.**

# Maribel

## Maradol

It is very sweet, hearty and delicious.

Strong and vigorous

### Blooms

Between 35 and 45 days and 66% of its plants are hermaphrodite.

Has a high yield of flowers and double ties, keeps the same size of its fruits during the harvest period.

### Characteristics of the fruit



#### Median Weight

Between 1.8 - 2.5 kilos



#### Peel color

Yellow - Orange



#### Pulp Sweetness

9° to 11° Brix

#### FIRMNESS

#### DIMENSIONS

#### VISUAL INSPECTION

Peel(N)	Pulp(N)	Length(cm)	Width(cm)	Pulp(cm)	Internal circumference(cm)	Peel Thickness(mm)	Shape	Color
72.6	16.4	27.5	12.4	3.3	5.8	0.1	Oval	Yellow-Reddish

# Don Juan Maradol



It is vigorous,  
*homogeneous*  
and big in size.

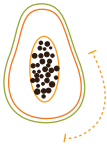
*Strong and vigorous*

## Blooms



Between 35 and 45 days and 66% of its plants are hermaphrodite.

It is a strong and robust plant during its growth and development stages. **It stands out for its homogeneity between its plants and fruits.**



## Characteristics of the fruit



### Median Weight

Between 2.5 - 3.5 kilos



### Peel color

Orange - Reddish  
(thick pulp)



### Pulp Sweetness

**9° to 11° Brix**

### FIRMNESS

### DIMENSIONS

### VISUAL INSPECTION

Peel(N)	Pulp(N)	Length(cm)	Width(cm)	Pulp(cm)	Internal circumference(cm)	Peel Thickness(mm)	Shape	Color
70.57	15.16	29.27	13.07	3.60	5.60	0.1	Oval	Yellow - Reddish

# Olmecca

## Maradol

Hearty,  
firm and  
very sweet.

Compact and vigorous  
with short internodes.

### Blooms

Between 35 and 45 days and 66%  
of its plants are hermaphrodite.

Handles better extreme climates, with a strong  
and tight mooring. Its fruits are hearty and have an  
excellent firmness.

### Characteristics of the fruit



#### Median Weight

Between 1.5 - 3 kilos



#### Peel color

Yellow - Orange



#### Pulp Sweetness

9° to 11° Brix

#### FIRMNESS

#### DIMENSIONS

#### VISUAL INSPECTION

Peel(N)	Pulp(N)	Length(cm)	Width(cm)	Pulp(cm)	Internal circumference(cm)	Peel Thickness(mm)	Shape	Color
71	16.1	25.6	13.3	3.4	5.5	0.1	Oval	Yellow - Reddish

# Maradol Mulato

It is homogeneous,  
stable and  
delicious.



Constant and vigorous  
with short internodes.

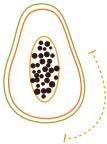


## Blooms

Between 35 and 45 days and 66%  
of its plants are hermaphrodite.



The plants have a strong, compact stem. The crop  
exhibits vigorous vegetative development, its most  
notable feature is its purple petiole.



## Characteristics of the fruit



### Median Weight

Between 1.5 - 2.5 kilos



### Peel color

Yellow - Orange



### Pulp Sweetness

9° to 11° Brix

### FIRMNESS

### DIMENSIONS

### VISUAL INSPECTION

Peel(N)	Pulp(N)	Length(cm)	Width(cm)	Pulp(cm)	Internal circumference(cm)	Peel Thickness(mm)	Shape	Color
89.5	17.3	26.2	13.9	3.6	6.4	0.1	Oval	Yellow - Reddish



# Our Innovations

We are the first to launch  
**a papaya graft**  
to the commercial  
market.



## Our grafting technique:

It consists in using a pattern or invigorating root which has all the desired qualities and a graft with the characteristics of the fruit we want to harvest.

# Crispin<sup>#1</sup>

Our first invigorating pattern,  
*it has a firm growth  
in its roots.*

#



Greater number of roots in a square meter and a greater number of secondary roots and absorbent follicles.



**Increases the absorption of nutrients  
and improves water harnessing.**

## Its Pivoting root

elongates vertically like an extension of the trunk which develops deep and strong, allowing a better anchorage to the ground and is less susceptible to turn overs.



## Strengthens

the stem, leaves, petioles,  
flowers and fruits.



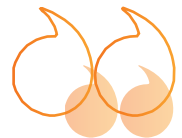
## Invigorates

the whole plant.



**We are the first company  
to offer grafted  
papaya plants**

thus, satisfying the demand which  
exists in Latin American markets.





# Hybrid

## Papayas



### **With conventional plant breeding:**

We get the crossbreeds of different varieties of the same species, with the objective of improving its genetic characteristics.



# Rica<sup>F1</sup> Hybrid

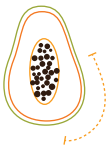
*Exquisitely  
delicious.*

## *Its development*



is vigorous and the natural development of the tree is maintained during its whole production cycle.

The fruit is ideal for the formosa papaya market, one of the biggest markets worldwide.



## Characteristics of the fruit



### Median Weight

Between 1.2 - 1.8 kilos



### Pulp color

Orange - Salmon



### Pulp Sweetness

**11° to 13° Brix**

FIRMNESS		DIMENSIONS					VISUAL INSPECTION	
Peel(N)	Pulp(N)	Length(cm)	Width(cm)	Pulp(cm)	Internal circumference(cm)	Peel Thickness(mm)	Shape	Color
49.41	14.13	24.1	11.0	2.90	5.1	0.1	Oval	Yellow - Reddish

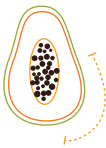
# Honey<sup>F1</sup> Hybrid

Extraordinarily  
sweet and delicious,  
just like honey.

It is a plant with a  
*thick and resistant stem.*

Pear-like shaped.

It distinguishes itself for its better anchorage and it has numerous single, double and triple moorings.  
**It is ideal for exporting to the European market.**



## Characteristics of the fruit



### Median Weight

Between 1.2 - 1.8 kilos



### Pulp color

Orange



### Pulp Sweetness

**12° to 14° Brix**

FIRMNESS		DIMENSIONS				VISUAL INSPECTION		
Peel(N)	Pulp(N)	Length(cm)	Width(cm)	Pulp(cm)	Internal circumference(cm)	Peel Thickness(mm)	Shape	Color
82.68	14.00	22.4	13.7	3.15	7.4	0.1	Pear shaped	Yellow - Reddish



# Hybrid New Fashion<sup>F1</sup>

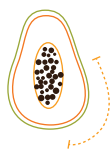
High performance  
and exceptional  
*flavor.*



*Blooms* between 45 and 60 days.



Designed especially for growers seeking **high crop yields** without the need to radically modify their current production system.



## Characteristics of the fruit



### Median Weight

Between 1.8 - 2.8 kilos



### Pulp color

Yellow - Reddish



### Pulp Sweetness

**10° to 11° Brix**



FIRMNESS		DIMENSIONS					VISUAL INSPECTION	
Peel(N)	Pulp(N)	Length(cm)	Width(cm)	Pulp(cm)	Internal circumference(cm)	Peel Thickness(mm)	Shape	Color
105.8	11.0	27	13.5	3.7	6.3	0.1	Oval	Yellow - Reddish



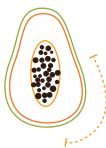
# Hybrid Karina<sup>F1</sup>

Large, sweet, and juicy fruit.

Plants with outstanding vegetative vigor.



Uniform plant development, producing double and triple fruits of equal size, **ensuring stable production for demanding markets.**



## Characteristics of the fruit



**Median Weight**  
Between 1.8 - 2.7 kilos



**Pulp color**  
Yellow - Reddish



**Pulp Sweetness**  
**10° to 11° Brix**



FIRMNESS		DIMENSIONS					VISUAL INSPECTION	
Peel(N)	Pulp(N)	Length(cm)	Width(cm)	Pulp(cm)	Internal circumference(cm)	Peel Thickness(mm)	Shape	Color
138.4	9.8	26.6	13.9	3.6	7	0.1	Oval	Yellow - Reddish



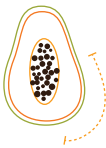
# Hybrid Karime<sup>F1</sup>

Superior flavor  
and exquisite  
flesh.

A plant born to give  
life, strong plants and abundant harvests.



**High-vigor, uniform plants with excellent root development.** Producing sweet fruit with an attractive shape for export markets.



## Characteristics of the fruit



### Median Weight

Between 1.8 - 2.5 kilos



### Pulp color

Yellow - Reddish



### Pulp Sweetness

**10° to 12° Brix**

FIRMNESS		DIMENSIONS					VISUAL INSPECTION	
Peel(N)	Pulp(N)	Length(cm)	Width(cm)	Pulp(cm)	Internal circumference(cm)	Peel Thickness(mm)	Shape	Color
120	9.8	25.6	13.4	3.2	7	0.1	Oval	Yellow - Reddish



# Healthy Plus<sup>Fl</sup>

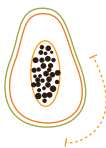
Uniform fruit and excellent export quality.



*Blooms* between 45 and 60 days.



Ideal for export markets. **Uniform fruit, with sweetness and commercial size for markets that demand high standards in presentation and flavor.**



## Characteristics of the fruit



### Median Weight

Between 1.5 - 2.2 kilos



### Pulp color

Yellow - Reddish



### Pulp Sweetness

**10° to 11° Brix**



FIRMNESS		DIMENSIONS					VISUAL INSPECTION	
Peel(N)	Pulp(N)	Length(cm)	Width(cm)	Pulp(cm)	Internal circumference(cm)	Peel Thickness(mm)	Shape	Color
114.1	4.9	24.8	12.7	3.2	6.5	0.1	Oval	Yellow - Reddish



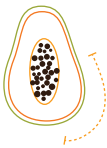
# Healthy Max<sup>Fl</sup>

Perfect shape,  
*natural*  
sweetness.

A hybrid with consistent production  
*and high yield.*



**This hybrid combines strength, size, and uniformity.**  
Stable yields with quality fruit for global markets.



## Characteristics of the fruit



### Median Weight

Between 2.2 - 2.9 kilos



### Pulp color

Yellow - Reddish



### Pulp Sweetness

**9° to 11° Brix**

FIRMNESS		DIMENSIONS					VISUAL INSPECTION	
Peel(N)	Pulp(N)	Length(cm)	Width(cm)	Pulp(cm)	Internal circumference(cm)	Peel Thickness(mm)	Shape	Color
135.3	7	26.1	14.12	3.7	6.7	0.1	Oval	Yellow - Reddish



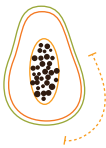
# Healthy Grande<sup>Fl</sup>

Large fruit,  
and impeccable  
*shape.*

*Premium caliber, natural sweetness.*



Large, uniformly shaped fruits, maximum yields in the field, **with a red-fleshed fruit that stands out in packaging and sale points.**



## Characteristics of the fruit



### Median Weight

Between 2.4 - 3.2 kilos



### Pulp color

Yellow - Reddish



### Pulp Sweetness

**9° to 11° Brix**

FIRMNESS		DIMENSIONS					VISUAL INSPECTION	
Peel(N)	Pulp(N)	Length(cm)	Width(cm)	Pulp(cm)	Internal circumference(cm)	Peel Thickness(mm)	Shape	Color
131.7	4.4	29.4	14	3.7	6.8	0.1	Oval	Yellow - Reddish



# Hybrid

Papaya  
Individual  
extra



## All of our packages

are metallic in order to avoid sun rays and overheating, vacuum sealed to better preserve the seeds and protect them from plagues and diseases.

# Tutti-fruti<sup>F1</sup> Hybrid

Its 100% natural flavor  
and scent make it a  
Hawaiian delicacy.

Vigorous plant with a thick stem  
during its productive cycle.

Blooms between 45 and 60 days.

Ideal for exporting to the European market because  
of their **very sweet flavor and tropical scent.**

## Characteristics of the fruit



### Median Weight

Between 0.8 - 1.6 kilos



### Pulp color

Orange



### Pulp Sweetness

**13° to 14° Brix**

FIRMNESS		DIMENSIONS					VISUAL INSPECTION	
Peel(N)	Pulp(N)	Length(cm)	Width(cm)	Pulp(cm)	Internal circumference(cm)	Peel Thickness(mm)	Shape	Color
81.8	14.4	21.0	12.1	3.0	6.1	0.1	Pear Shaped	Yellow - Reddish



# Hybrid

Papaya  
Yellow Pulp



## We are developing

new hybrids to arrive after its harvest to distributors in Mexico, Costa Rica, Guatemala, Colombia, Canary Islands, Spain, Ecuador, Peru, Venezuela, Cuba and countries in the African continent.

# Sweet Orange <sup>F1</sup> Hybrid

It's our sweetest fruit  
*it has between*  
13°-15° Brix.

DELICATESSEN product

*Plant with tall shape, vigorous  
and a thick stem.*

**Blooms** between 45 and 60 days,  
it is oval/pear shaped.

It's flavor is **100% tropical**  
(papaya, mango and citrus notes)

## Characteristics of the fruit



### Median Weight

Between 1.5 - 2.5 kilos



### Pulp color

Yellow - Orange



### Pulp Sweetness

**13° to 15° Brix**

FIRMNESS		DIMENSIONS					VISUAL INSPECTION	
Peel(N)	Pulp(N)	Length(cm)	Width(cm)	Pulp(cm)	Internal circumference(cm)	Peel Thickness(mm)	Shape	Color
80.701	17.137	23.373	15.132	3.368	8.349	0.100	Pear shaped	Yellow - Orange

We are a Mexican  
agricultural company

with  
**10 years**  
in the market

We make genetically superior papaya seeds and new high-quality hybrids.



Our customer service  
is **100% personalized**

through our team and network of distributors around the world.



*Besides improving the existing papaya varieties in the market,* we are currently developing new varieties and new hybrids with outstanding characteristics.



Greater  
performance



Better adaptability  
to high densities



Less susceptible  
to climate changes



More tolerant to  
plagues and diseases

*We have the experience,  
knowledge and confidence*

that all our seeds are high yielding in comparison to other alternatives in the market.



*The seeds we offer are living beings that need proper conditions to grow, make new plants and new fruits that will benefit those who sow them.*



# Contact us



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[www.caricagenetics.com](http://www.caricagenetics.com)

# Carigen

genetically trustworthy seeds

Our seeds are life,

are pure

LIFE

