



Vegetables **seeds**



*Seeds since 1880,
breeding together*

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We are pleased to introduce our new vegetables catalogue updated with the latest varieties bred by our R&D department.

These varieties are widely improved compared to the existing ones, achieving our aims of: higher yields, better adaptation to different cultivation techniques and to adverse environmental conditions; more resistances to pests and pathogens, and a better commercial quality of the fruit. To sum up, more profit for the professional grower.

The increase of our genetic bank with material coming from different geographical areas has allowed us not only keep doing research for the Mediterranean markets, but also to meet the requirements for other climates and regions.

We believe that the present catalogue will allow our customers to choose the most suitable varieties for their markets.



Seeds since 1880, breeding together

Why Semillas Fitó,
is a leading seed company
in the Mediterranean market?



... our experience,
since 1880.

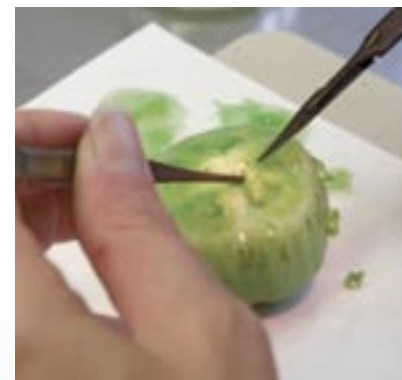
So many farmers trust Semillas Fitó and have been placing their confidence in us -since 1880- because we have always been at their side, we have understood their needs, providing them with new vegetable varieties which have been not only more productive but also more appreciated by end consumers.



... better quality, flavour & appearance.

Consumers do not know what is behind each vegetable. But they realise they are **eating**, tomatoes, peppers, cucumbers, melons, eggplants, etc., which taste like they used to.

We take care of the appearance, texture, colour, aroma and flavour as well as the productive qualities of the fruits.



... close to our customers.

Semillas Fitó is closer. Closer to every step of the market from growers to consumers, including nurseries, wholesalers, packers and traders. Each one of them gives us the information we need to improve and provide better quality, optimum products in order to meet, or even exceed, their highest expectations.

... research & breeding.

SEMILLAS FITO is the largest seed company in Spain, investing over 11% of its annual turnover in R&D through a team of talented and motivated employees backed with the latest state-of-the-art technologies in seed business.

To develop varieties adapted to different Mediterranean markets, Semillas Fitó relies on local breeding and experimental stations in Almeria and Barcelona (Spain), Sicily (Italy), Antalya (Turkey), Jordan Valley (Jordan), Cairo (Egypt) and Agadir (Morocco).

In addition, some specific breeding programs have large screening trials in France, Greece and Holland, among others countries.







e g g p l a n t s

round
half long
long

Seven

F-1

Very early production

Plant:

- Semi-erect habit. Compact plant, with very early production. Excellent setting under hot conditions.

Fruit:

- Round shaped fruit, smooth shiny black colour. Firm seedless flesh. Green small spineless calyx.

A productive variety adapted to greenhouse and open field conditions.

Giada (HA 05039)

F-1

The most productive in winter

Plant:

- Semi-erect habit.
- An early and highly productive variety giving excellent results under greenhouse conditions.

Fruit:

- Oval shaped fruits, 16-18 cm long and 8-9 cm wide. Shiny black colour and smooth skin. White flesh, remarkably firm. Green, spineless calyx.



Seven

Barcelona

F-1

Dark colour and uniformity
all over the year

Plant:

- Medium vigorous and open plant with few secondary flowers. Easy setting all cycle long and good adaptation to long cycles.

Fruit:

- Medium long, very uniform and nice colour. Barcelona has a firm flesh and keeps the colour at the end of winter.

Habana

F-1

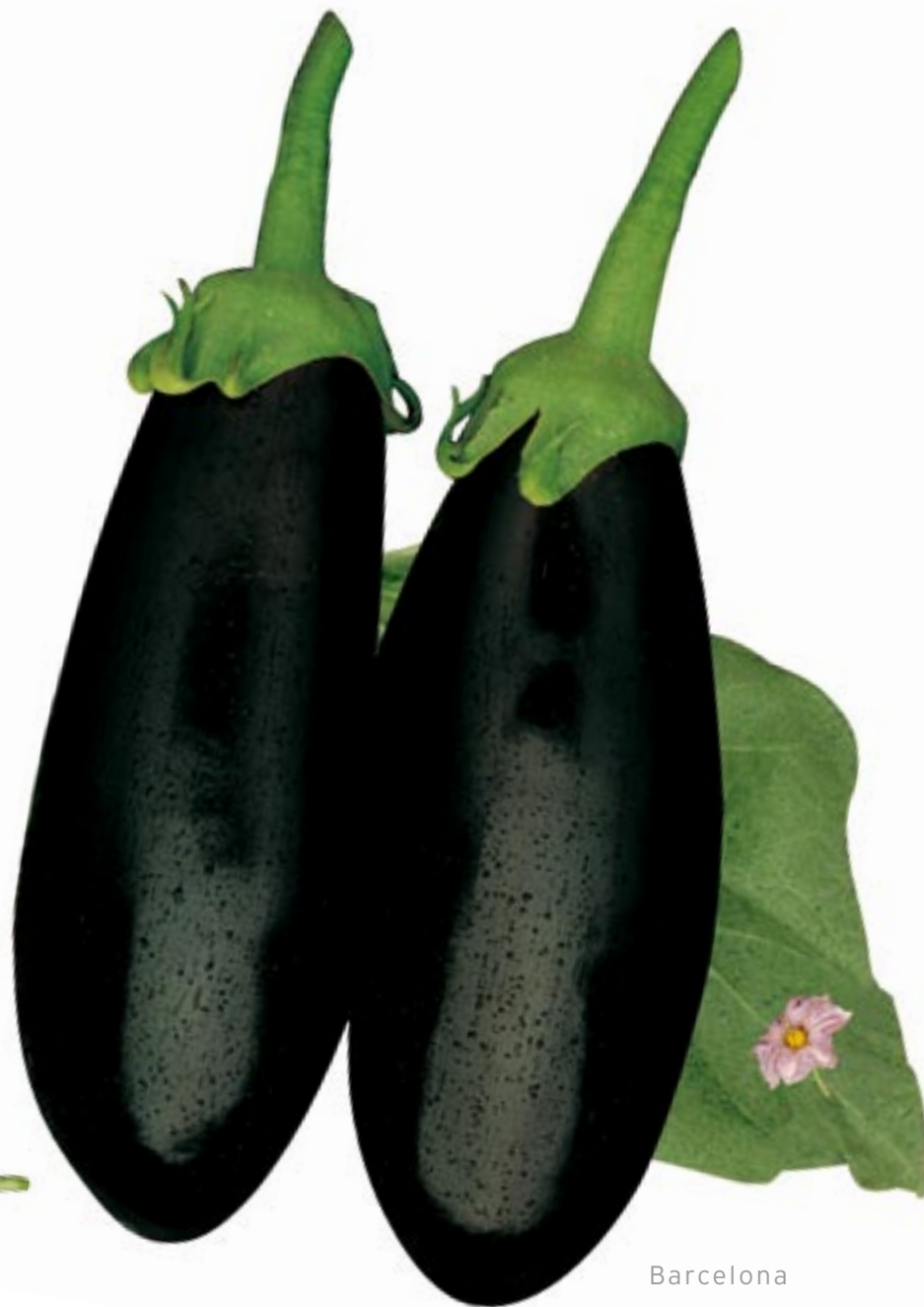
Maximum quality in late sowings

Plant:

- Vigorous and open plant, short internodes.
- Few secondary flowers.

Fruit:

- Medium long, very uniform and spineless. Very dark shiny colour all through the cycle.
- Excellent firmness and good shelf life.



Barcelona

Lima

F-1

The longest and cylindrical one

Plant:

- Vigorous plant with an erect habit.

Fruit:

- Cylindrical, long and slender shaped, 25-30 cm long and 5-6 cm wide. Very dark purple colour and a green, small spineless calyx.

A vigorous and productive variety adapted to greenhouse and open field cultivation.

Corsica

F-1

In greenhouse or open field,
high production is guaranteed

Plant:

- Vigorous plant, high production of fruits.

Fruit:

- Cylindrical and slender shaped fruits, measuring 20-25 cm long and 4 to 6 cm at the widest point, with a rounded apex. Very deep purple colour, nearly black, green calyx.

A high yield variety giving excellent results under greenhouse conditions as well as in open field. Production is uniform and staggered.



Lima



Variety	Weight, g	Size, cm	Growing season	Vigour
► ROUND				
SEVEN (HA 05028)	470-490	16-18 x 9-9.5	Summer-Autumn	xxxxx
GIADA (HA 05039)	480-500	17-18 x 9.5-10	Winter	xxxxx
PETRA	420-440	16-17 x 8-9	Autumn-Winter	xx
CASTEL	420-440	16-17 x 8-9	Autumn-Winter	xxx
HA 05011	440-450	17-18 x 9-9.5	Winter-Spring	xxxxx
► HALF LONG				
CRISTAL	410-430	21-22 x 7-8	Winter-Early spring	xxxx
HABANA	400-430	23-24 x 6-7	Winter	xxxxx
BARCELONA	380-420	21-22 x 7-8	All year	xxxx
MARGARITA	420-450	21-22 x 7-8	Winter-Early spring	xxx
41/03	480-500	22-23 x 8-9	Winter	xxxxx
MYLAR	260-280	24-25 x 5-5.5	Spring-Summer	xxx
► LONG				
LIMA	250-280	26-27 x 5	Winter	xxxx
KYME	220-260	22-25 x 6	Winter	xxx
CORSICA	250-280	26-28 x 5	All year	xxxx
HA 06157	250-280	26-28 x 5	Winter-Spring	xxxx
HA 06164	250-280	26-28 x 5	All year	xxxx





peppers

red & yellow blocky
red & yellow lamuyo
paprika & processing
sweet Italian
carliston & demre
padron

Olvera

F-1

The best size for early cultivation

Plant:

- Open plant with good behaviour under hot conditions, high earliness and regular setting.

Fruit:

- Blocky, G size, very uniform fruit, keeps the same commercial features during the whole cycle. Ideal for export.

Resistances: HR: Tm2 IR: TSWV

Tolerances: Cr / St

Mito

F-1

Top production in medium early sowings

Plant:

- Vigorous plant with short internodes suitable for a wide range of growing conditions. Easy setting and good earliness.

Fruit:

- Blocky and uniform fruit with thick walls and excellent firmness. It keeps the same size during the whole cycle. Great colour in green and red.
- Keeps freshness before and after harvest.

Resistances: HR: Tm2

Tolerances: Cr / St

Olite (117/ 96)

F-1

The best quality in yellow

Plant:

- Open and vigorous plant. Easy fruit setting and high earliness. Keeps growing all cycle long.

Fruit:

- Blocky, uniform fruit and great firmness in yellow colour.

Resistances: HR: Tm2



Mito



Olite

Variety	Plant	Size (cm)	Cultivation type			Sowing season	Resistances		
			Greenhouse	Tunnel	Open field		HR	IR	T
► RED BLOCKY									
CARISMA	Good leaf cover, medium vigorous	9 x 9			x	Summer and Spring			
TOMELLOSO	Medium leaf cover	medium	x		x	Summer and Spring			
MARCO	Medium open habit, medium vigorous	8 x 8	x			Winter and Summer	Tm2		
OLMO	Open habit, top vigorous	9 x 9	x			Summer and Autumn	Tm2		
MITO	Good leaf cover, very vigorous	9 x 9	x	x		Summer	Tm2		Cr / St
OLVERA	Open plant	9 x 9	x				Tm2	TSWV	Cr / St
NAVAS	Good leaf cover, very vigorous	9 x 9	x			Winter and Summer	Tm2	TSWV	
ALELLA	Strong open habit	big	x			Winter		TSWV	
CAYETANO	Medium length	9 x 9	x			Autumn	Tm2	TSWV	
HA 06505	Very long	medium	x			Summer	Tm3	TSWV	
► YELLOW BLOCKY									
CARMOLI	Open habit, medium vigorous	9 x 9	x			Winter and Summer	Tm2		
CASTELO	Medium leaf cover	medium	x		x	Summer and Spring	Tm2		
BERNAL	Open habit, medium vigorous	9 x 9	x			Winter and Summer	Tm2		
OLITE	Open habit, medium vigorous	8 x 8	x			Winter and Summer	Tm2		
CARMEN	Open habit, medium vigorous	8 x 8	x			Winter and Summer	Tm2		
LALIN (HA 04260)	Open habit, medium vigorous	9 x 9	x			Winter and Summer	Tm3	TSWV	

Syros

F-1

A very productive all season variety

Plant:

- A very productive full season plant, with an excellent setting ability under cold conditions.
- Tall and vigorous, adapted to greenhouse, tunnel and open field production.

Fruit:

- Large, 4-lobbed, rectangular, measuring 17-19 cm long and 9-10 cm wide, having thick walls of 7 mm.
 - Excellent colour both in red and green stage.
- Average weight 250-300 g.

Resistances: HR: Tm2

Ebro (302 / 98)

F-1

The biggest fruit with the best quality

Plant:

- Very vigorous and productive plant with an open habit.

Fruit:

- Very long fruit with smooth walls ending in 4 lobes.
- Deep red colour and good firmness.
- The fruit is very appreciated in the Spanish market.

Resistances: HR: Tm0

Tolerances: Cr / St



Ebro

Roble (418 / 02)

Red, half long, Lamuyo type

Plant:

- Medium vigorous plant with an open habit and lateral stems.
- Very well adapted to spring conditions.

Fruit:

- Rectangular 13-15 cm long and 9-10 cm wide, smooth walls, ending in 4 lobes.
- Deep red colour.

Resistances: HR: Tm0
IR: TSWV

Tolerances: Cr / St

Pekin

F-1

The yellow variety, lamuyo type, with the best shape and firmness

Plant:

- Vigorous plant with open habit and limited foliage.
- Keeps the quality of the fruit.
- A late autumn-winter variety giving a remarkable yield of uniform, high quality fruits in greenhouse conditions.
- Also suitable for open field.

Fruit:

- Long rectangular fruit measuring 16-18 cm long and 9-10 cm wide, very firm walls 7-8 mm thick.
- The 4 lobbed fruits are deep yellow at maturity with an average weight of 350-400 g.

Resistances: HR: Tm2 / PVY: 0, 1

Tolerances: Cr / St



Pekin



Variety	Plant	Size, cm	Cultivation time			Sowing season	Resistances / Tolerances		
			Greenhouse	Tunnel	Open field		HR	IR	T
► RED LAMUYO									
COSTA	Open habit, very vigorous	19 x 9,5	x	x		Summer			
MANOLO	Good leaf cover, medium vigorous	20 x 10	x		x	Spring	Tm0		
ATENAS	Open habit, medium vigorous	16 x 10	x	x	x	Summer	Tm0		
ALBA (627/03)	Excellent leaf cover	long	x			Winter			
SEGRE (290/04)	Excellent leaf cover	medium long	x		x	Summer		TSWV	
TAJO	Strong open habit	long	x	x		Summer	Tm2		
SYROS	Strong open habit	long	x	x		Summer	Tm2		
DUERO	Medium open habit	long	x			Summer	Tm0	TSWV	
MECIN	Open habit, medium vigorous	16 x 10	x	x	x	Summer	Tm0		
EBRO	Open habit, very vigorous	19 x 10	x			Summer	Tm0		Cr / St
HA 05509	Strong open habit	long	x			Summer	Tm0	TSWV	
ALTEA	Strong open habit	long	x	x		Summer	Tm0		
JUCAR	Open habit, medium vigorous	16 x 9	x			Winter	Tm3	TSWV	
569/03	Medium open habit	medium long	x			Winter	Tm3	TSWV	
ROBLE	Open habit, medium vigorous	15 x 9,5	x			Winter	Tm0	TSWV	Cr / St
JAEN	Open habit, medium vigorous	15 x 9,5	x			Winter	Tm0	TSWV	
TICINO	Medium open habit	medium long	x			Winter	Tm0	TSWV	
► YELLOW LAMUYO									
PEKIN	Open habit, medium vigorous	18 x 9	x		x	Summer	Tm2 / PVY: 0, 1		Cr / St
ALMA	Open habit, medium vigorous	18 x 9	x		x	Summer	Tm2 / PVY: 0, 1		
SANJA	Open habit, medium vigorous	16 x 8,5	x			Summer	Tm2		
HA 05550	Strong open habit long		x			Summer			

Benac

F-1

The highest production in Paprika

Plant:

- Vigorous plants with a semi-erect habit for the production of sweet paprika.

Fruit:

- Elongated conical, measuring 13-15 cm long and 2-2,5 cm wide, with thin walls and deep red colour at maturity.
- High yields with a strongly grouped production of mature fruits. Easy to dry and excellent milling characteristics.



Benac

Ega

F-1

An excellent medium early variety for processing industry

Plant:

- Vigorous plant, with high fructification rate.

Fruit:

- Pendulum or semi pendulum fruits with triangular shaped fruits, medium-little size (9-10 cm x 5-6 cm), with 2-3 faces. Thin walls (2-3 mm).
- Medium early variety, highly productive. Perfectly adapted to piquillo processing industry: extra quality and yield potential, excellent texture and easy to peel.



Ega

→ Look at other varieties, page 25

Beret

F-1

Maximum quality in cold winter

Plant:

- Very vigorous and productive plant, medium earliness. For winter cycles.

Fruit:

- Long fruits, thin and straight walls, deep green colour. Keeps its length in cold conditions.

Sierra Nevada

F-1

Top earliness in production

Plant:

- Medium vigorous plant, very good earliness and suitable for winter crops.
- High production, easy setting under hot conditions, good regrowth capacity.

Fruit:

- Long and conical fruits measuring 21-23 cm and 4-5 cm wide, walls are thin and wavy.
- Medium green colour before turning to red.

Valira

F-1

The best shape in early sowings

Plant:

- Vigorous plant, medium foliage, easy setting and staggered production.

Fruit:

- Keeps the length during all cycle long. Straight shaped, very deep green colour with lightly wrinkled skin.
- The fruit is very well adapted to the market.

Resistances: HR: Tm2
IR: TSWV



Beret



Valira

Mansoura

F-1

The straight Italian with the highest yield

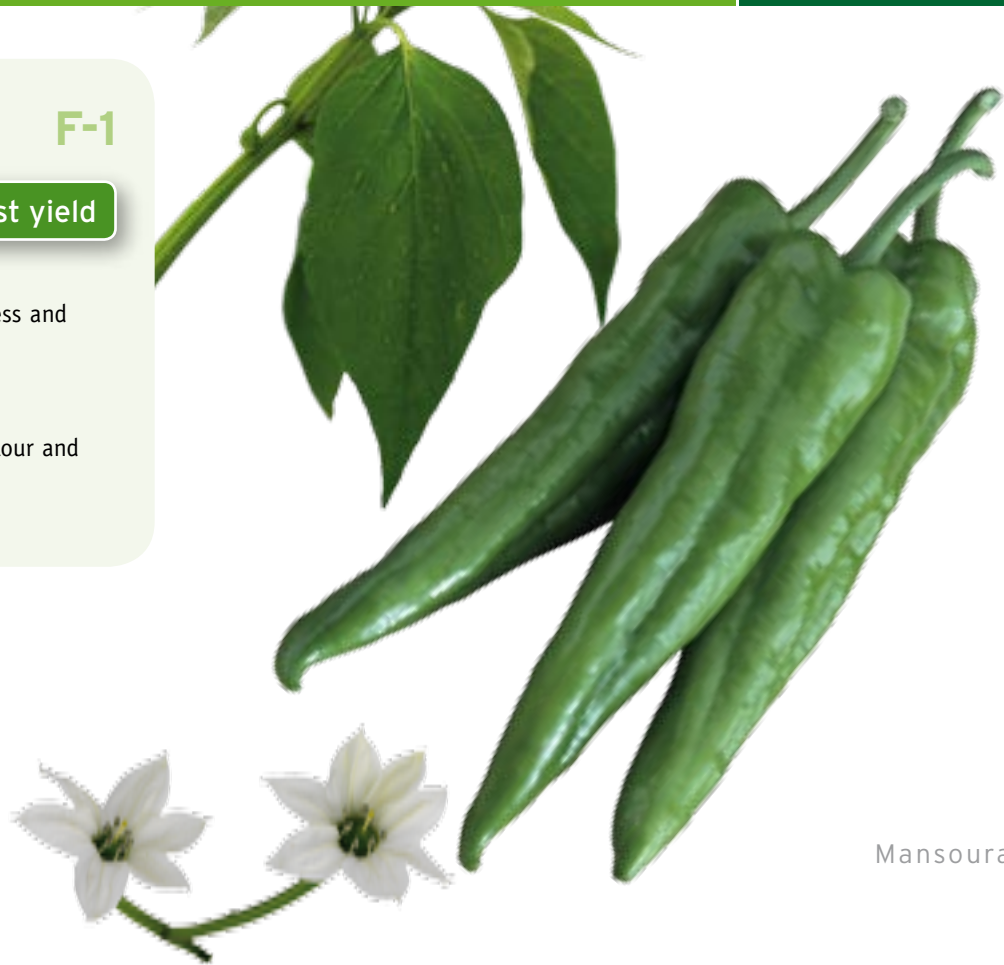
Plant:

- Vigorous plant, short internodes, good earliness and very easy setting.

Fruit:

- Long fruit, very straight walls, deep green colour and very uniform.

Resistances: HR: Tm0



Mansoura

Variety	Plant	Fruit walls	Size (cm)	Cultivation type			Sowing season	Resistances	
				Greenhouse	Tunnel	Open field		HR	IR
ANETO	Open habit, medium vigorous	wrinkled	22 x 4,5	x			Summer-Autumn		
BERET	Open habit, very vigorous	wrinkled	22 x 4,5	x			Autumn		
BUBION	Open habit, medium vigorous	wrinkled	22 x 4,5	x			Autumn	Tm2	
SIERRA NEVADA	Open habit, very vigorous	wrinkled	22 x 4,5	x	x	x	Autumn		
VALIRA	Medium open habit	wrinkled	long	x			Autumn	Tm2	TSWV
ARAN	Open habit, medium vigorous	smooth	21 x 4,5	x		x	Autumn-Spring	Tm0	
ALICUM	Open habit, medium vigorous	smooth	21 x 4,5	x		x	Autumn-Spring		
MANSOURA	Open habit, medium vigorous	smooth	21 x 4,5	x		x	Autumn-Spring	Tm0	
BAHI	Open habit, medium vigorous	smooth	21 x 4,5	x		x	Autumn-Spring	Tm0	
VELETA	Medium open habit	smooth	long	x		x	Autumn	Tm2	TSWV

Yunus HA 05718

F-1

Conical and narrow fruits, very uniform

Plant:

- Very early variety, vigorous plant, open foliage and short internodes.
- Well adapted in all regions where this pepper type is cultivated.

Fruit:

- Very uniform fruits, conical, narrow, light green colour. A length of 22 cm and a weight of 30 g.
- Keeps the fruit quality and a good yield even in cold conditions.



Yunus

Bengü

F-1

Excellent behaviour in cold, keeping
the fruit quality

Plant:

- Compact plant, vigorous and early.
- Especially adapted to early sowings because of an excellent fruit setting.
- Excellent quality in cold conditions.

Fruit:

- Straight and conical fruits, smooth wall, greenish yellow colour.
- Size: from 18 to 20 cm long.
- Very sweet fruit and good for export.



Bengü

Poxigo

F-1

Excellent Padron type

Plant:

- Vigorous and ramified plant, excellent fruit setting.
- The plant reaches 1 m height in open field and 1,5 m in greenhouse.

Fruit:

- Trapezoidal conical fruits, dark green shiny colour, slightly wrinkled, semi-erect insertion, ending in a 2-3 lobed apex.
- Edible very young with a size shorter than half of the maximum development, which is 8-9 cm long and 3-3,5 cm wide.
- Very long productive cycle and an excellent taste.



Poxigo

Variety	Plant	Type	Size (cm)	Cultivation type			Sowing season	Resistances
				Greenhouse	Tunnel	Open field		
RECIO	Very vigorous	Kapia		x		x		Tm2
DIABLO	Very vigorous	Kapia		x		x		Tm2
SEYMEN	Open habit, very vigorous	Demre	22 x 2	x	x	x	All year round	Tm2
YUNUS (HA 05718)	Open habit, very vigorous	Demre	22 x 2	x	x	x	All year round	Tm2
BENGÜ	Compact, very vigorous	Carliston	19 x 3	x	x	x	All year round	
LUNGY	Compact, very vigorous	Carliston	19 x 3	x	x	x	All year round	
POXIGO	Open habit, vigorous	Padrón		x		x	All year round	
BENAC	Very vigorous	Paprika	13 x 2,5			x	Spring-Summer	
MAROTO	Very vigorous	Paprika	7 x 3,5			x	Spring-Summer	
EGA	Vigorous	Processing	9 x 5			x	Summer	





t o m a t o e s

pinton / green

single - beef

single - medium / small

cluster

bush

plum

cocktail

Begur

F-1

The biggest pinton

Plant:

- Vigorous plant, adapted to greenhouse as well as open field in spring.

Fruit:

- GG fruit size with good firmness. Suitable for cluster harvest. Deep green shoulders and dark bottom.

Resistances: HR: ToMV / Fol: 0, 1 / V
IR: TSWV



Begur



Variety	Shape/Type	Shelf life	Weight (g)	Maturity / Earliness	Harvesting season	Resistances	
						HR	IR
VERDI SW	Globular (slightly flattened)	Good	225-260	Medium	Spring-Autumn	ToMV / Fol: 0, 1 / V / M	TSWV
BEGUR	Globular (slightly flattened)	Good	225-300	Late	Summer	ToMV / Fol: 0, 1 / V	TSWV
FIMANDE	Marmande	Good	150-200	Medium	Winter		

Yeste

F-1

The most resistant beef

Plant:

- Vigorous and balanced medium cycle plant with regular internodes.
- Easy setting under hot conditions.

Fruit:

- No green shoulders, G-GG size, with an average weight of 220-250 g.
- Deep red shiny colour, excellent firmness and good shelf life.
- Quick growth and early maturity keeping a homogenous size through the whole growing.

Resistances: HR: ToMV / Fol: 0, 1 / V
IR: TSWV / TYLCV

Meryva

F-1

A beef with the best uniformity

Plant:

- Vigorous plant, medium cycle, with short internodes and good foliage covering.

Fruit:

- No green shoulders, G-GG size, with an average weight of 240-260 g, very uniform through the whole cycle.
- Deep red colour, excellent firmness and good shelf life.

Resistances: HR: ToMV / Fol: 0, 1 / V / M
IR: TYLCV



Meryva

→ Look at other varieties, page 34

Polyana (HA 04077) F-1

Maximum vigour and production in winter

Plant:

- Very vigorous plant, balanced foliage, adapted to long cycles in winter and very productive.
- Suitable in open field conditions.

Fruit:

- Smooth, no green shoulders, G-GG size, excellent shelf life and good red colour.

Resistances: HR: ToMV / Fol: 0, 1 / V
IR: TYLCV

Aryza F-1

The most productive among medium LSL

Plant:

- Plant with short internodes and good foliage covering. Very easy setting under hot conditions. High needs in fertilization. 5 to 7 fruits per cluster.

Fruit:

- Slightly flattened, G size and very homogeneous fruit. No green shoulders and excellent red colour with a long shelf life.

Resistances: HR: ToMV / Fol: 0, 1 / V
IR: TSWV / TYLCV

Tolerances: Bl / Cr



Manyla



Manyla

F-1

A Canarian tomato with top
quality and resistances

Plant:

- Vigorous plant, open foliage, adapted to long cycle in winter.

Fruit:

- Smooth, no green shoulder, medium size, very homogenous, long shelf life, nice red colour.

Resistances: HR: ToMV / Fol: 0, 1 / V
IR: TSWV / TYLCV / M

Tolerances: BL / Cr

Tores (BORO)

F-1

Long shelf life with TSWV

Plant:

- Good vigour, short internodes, open foliage, high earliness and easy setting.

Fruit:

- Long shelf life, medium size (M-G), nice red colour. Makes big clusters.

Resistances: HR: ToMV / Fol: 0, 1 / V
IR: TSWV

Bonus 278/03

F-1

Long shelf life with TYLCV

Plant:

- Medium leaf cover, vigorous with short internodes.

Fruit:

- Long shelf life, G size, very uniform, appreciated for its nice red colour.

Resistances: HR: ToMV / Fol: 0, 1, / V / M
IR: TYLCV



Tores

→ Look at other varieties, page 34

Bigram

F-1

The biggest and heaviest cluster

Plant:

- Very vigorous plant with good leaf cover, short internodes and long cycle. Fishbone shaped clusters, deep green colour.
- We recommend a density of 12.000 stems per Ha.

Fruit:

- Long shelf life, M or G size depending on the cultivation. Nice red colour and long shelf life.

Resistances:

HR: ToMV / Fol: 0, 1 / V

Tolerances: BL / Cr

Firamo

F-1

The big size cluster

Plant:

- Medium vigour plant, short internodes, early setting and maturing.

Fruit:

- M-G size tomato, deep red colour, good firmness and long shelf life.

Resistances:

HR: ToMV / Fol: 0, 1 / V

Ff: 1-5 / M

Tolerances: BL / Cr

Sagaró

F-1

The top in firmness

Plant:

- Vigorous plant with short internodes, adapted to greenhouse in spring and autumn.

Fruit:

- Cluster fruit, excellent firmness.
- Nice red colour.

Resistances:

HR: ToMV / Fol: 0, 1, / V / M

IR: TSWV

Tolerances: Cr



Firamo



Bigram



Variety	Shape/Type	Conservation (after harvest)	Weight (g)	Maturity / Earliness	Harvesting season	HR	Resistances / Tolerances IR	T
► SINGLE - BEEF								
REUS	Globe (slightly flattened)	Good	240	Medium to early	Spring-Autumn	ToMV / Fol: 0, 1 / V / M	TSWV	
VITARA	Globe	Good	225-260	Medium	Spring-Autumn	ToMV / Fol: 0, 1 / V / M	TSWV	
ENATE (HB 06750)	Globe	Good	225-260	Early	Winter-Spring	ToMV / Fol: 0, 1 / V / M	TSWV	
DELOS	Globe	Excellent	250-279	Medium	Autumn-Spring	ToMV / Fol: 0, 1 / V / M		
MERYVA	Globe	Excellent	250-280	Medium	Autumn-Spring	ToMV / Fol: 0, 1 / V / M	TYLCV	
YESTE	Globe	Excellent	220-250	Medium	Early autumn	ToMV / Fol: 0, 1 / V	TSWV / TYLCV	
MARESME	Deep oblate	Excellent	150-200	Medium	Spring	ToMV / Fol: 0, 1 / V	TSWV	
► SINGLE - MEDIUM / SMALL								
TORES	Cluster	Long shelf life	120-150	Medium	Spring-Autumn	ToMV / Fol: 0, 1 / V	TSWV	
MERCURY	Loose	Long shelf life	200	Medium	All year round	ToMV / Fol: 0, 1 / V	TSWV	
SANPOL	Deep oblate	Short	150-200	Medium	Spring	ToMV / Fol: 0, 1 / V	TSWV	
CRISOL SW	Loose	Long shelf life	180-200	Medium	All year round	ToMV / Fol: 0, 1 / V / M	TSWV	
NORA	Loose	Long shelf life	180-200	Medium	All year round	ToMV / Fol: 0, 1 / V / M		
NANCY	Loose	Medium	170	Medium	Autumn-Spring	ToMV / Fol: 0, 1 / V / Ff:1-5		
MAYSA	Loose	Long shelf life	140	Medium	Autumn	ToMV / Fol: 0, 1 / V / Ff:1-5 / M		
BONUS 278/03	Loose	Long shelf life	220	Medium to late	All year round	ToMV / Fol: 0, 1 / V / M	TYLCV	
LINARES	Loose	Long shelf life	220	Medium to late	All year round	ToMV / Fol: 0, 1 / V / M	TYLCV	
POLYANA	Loose	Long shelf life	140-160	Medium to late	Late autumn in greenhouse and open field	ToMV / Fol: 0, 1 / V	TYLCV	
ARYZA	Loose	20-25	120-150	Medium	Early autumn-Spring	ToMV / Fol: 0, 1 / V	TSWV / TYLCV	Bl / Cr
BROSLY	Loose	Long shelf life	150	Medium	All year round	ToMV / Fol: 0, 1 / V / M	TSWV / TYLCV	
MANYLA	Loose/Cluster	Long shelf life	160	Medium	Autumn	ToMV / Fol: 0, 1 / V	TSWV / TYLCV / M	Bl / Cr
► CLUSTER								
BIGRAM	Long life-cluster	Long shelf life	120-150	Medium to late	Autumn	ToMV / Fol: 0, 1 / V		Bl / Cr
ZAYDIN (HB 06262)	Cluster	Long shelf life	120-140	Medium to late	Autumn	ToMV / Fol: 0, 1 / V / M	TYLCV	
FIRAMO	Cluster	Long shelf life	140	Early	All year round	ToMV / Fol: 0, 1 / V / Ff: 1-5 / M		Bl / Cr
SAGARÓ	Cluster	20-25	120-150	Medium	Autumn-Spring	ToMV / Fol: 0, 1 / V / M	TSWV	Cr
FALEZ	Loose-cluster	Long shelf life	100	Early	Autumn	ToMV / Fol: 0, 1 / V / Ff: 1-5 / M	TYLCV	
TALYA	Loose	Long shelf life	100	Early	Autumn	ToMV / Fol: 0, 1 / Ff: 1-5	TSWV / TYLCV	

Bahja HB 06157 F-1

Top firmness in a globular fruit

Plant:

- Medium vigorous plant, with good leaf cover and medium earliness.
- Suitable for all seasons in open field and in tunnels.

Fruit:

- Globular fruit with no green shoulders. Weight between 160 and 180 g.
- Top fruit firmness with nice coloration.
- Excellent fruit setting under high temperatures.

Resistances: HR: ToMV / Fol: 0, 1 / V
IR: TSWV / TYLCV



Bahja



Variety	Shape/Type	Conservation (after harvest)	Weight (g)	Maturity / Earliness	Harvesting season	HR	Resistances	IR
Bahja (HB 06157)	Loose	Excellent	160 - 180	Medium	Spring - autumn	ToMV / Fol:0,1 / V		TSWV/TYLCV

Fyper

F-1

The pear shaped fruit with the best cluster

Plant:

- Vigorous plant with short internodes, balanced foliage and easy setting both under hot and cold conditions. Very suitable for long cycle.

Fruit:

- Oblong fruit, pear shaped, with two locules. Deep red colour and long shelf life.
- Average weight between 100-125 g.
- Suitable for cluster harvest.

Resistances:

HR: ToMV / Fol: 0, 1 / V
Ff: 1-5 / M
IR: TYLCV

Armylla

F-1

The pear type with the best shape in winter

Plant:

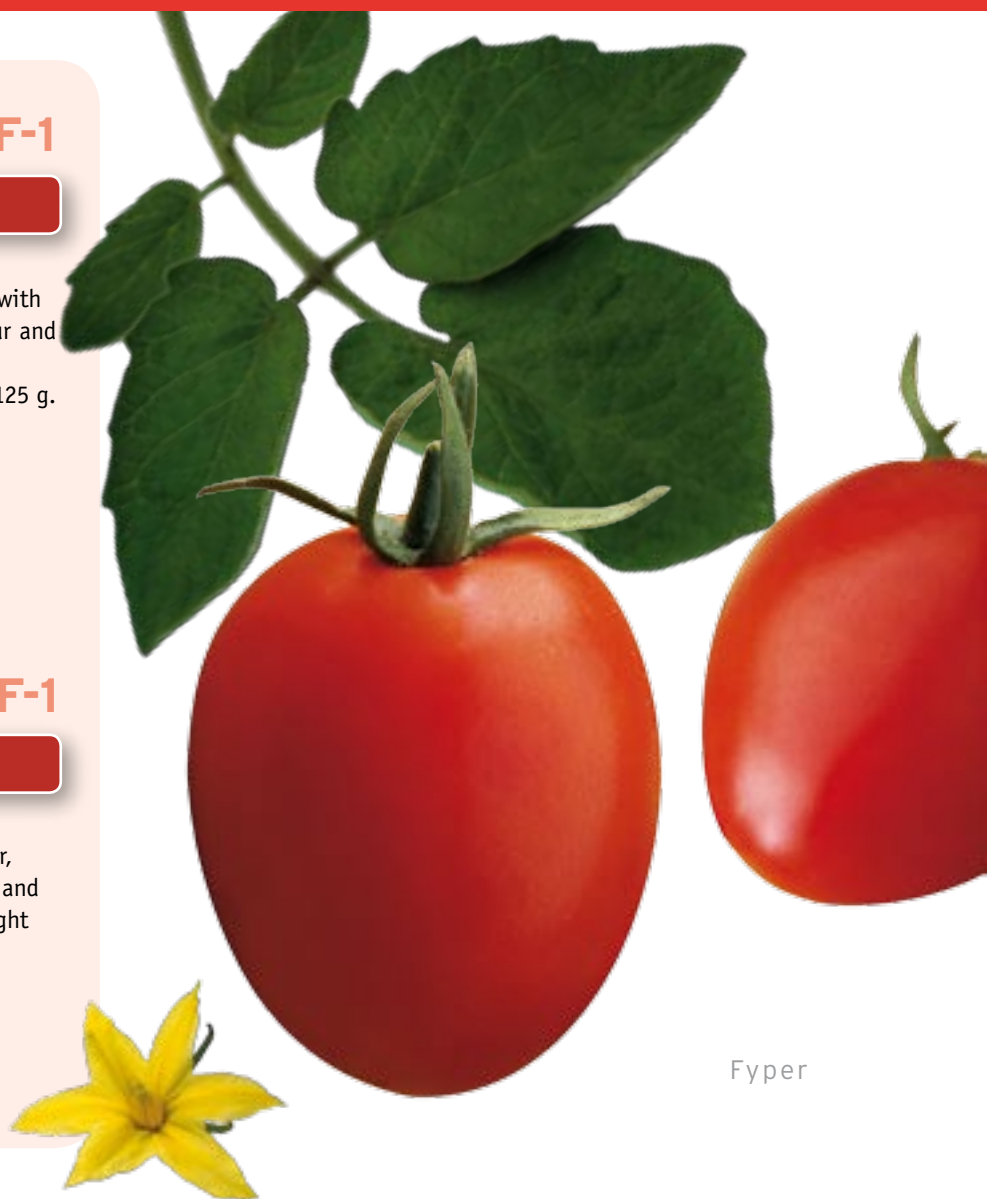
- Open and vigorous plant, medium internodes, long cycle and good cluster.

Fruit:

- Oval shaped, nice red colour, uniform, excellent firmness and long shelf life. Average weight between 120-140 g.

Resistances:

HR: ToMV / Fol: 0, 1 / V
IR: TYLCV
Tolerances: BER



Fyper

Variety	Shape/Type	Shelf life	Weight (g)	Maturity / Earliness	Harvesting season	Resistances / Tolerances		
						HR	IR	T
FYPER	Loose	Long shelf life	100	Early	All year round	ToMV / Fol: 0, 1 / V / Ff: 1-5 / M	TYLCV	
ORIA	Loose	Long shelf life	130	Early	All year round	ToMV / Fol: 0, 1 / V / Ff: 1-5 / M		
ARMYLLA	Loose	Long shelf life	100	Medium	Autumn-Winter	ToMV / Fol: 0, 1 / V	TYLCV	BER

Zambra

F-1

The best cluster in pear shaped cocktail type

Plant:

- Very vigorous and open plant, short internodes, high production and long cycle.

Fruit:

- Oblong, deep red colour. Well formed cluster, quick and uniform maturity. High flavour (7° Brix) and good shelf life.

Resistances:

HR: ToMV / V / M



Zambra

Gran Brix

F-1

The extremely sweet tomato (9° Brix)

Plant:

- Very vigorous plant, with a quick growing and a long cycle.

- Excellent red colour, very firm and resistant to cracking.
- An outstanding sweet taste reaching 9,5° brix.

Fruit:

- Oval fruit, average weight between 15 and 18 g.

Resistances:

HR: Fol: 0 / V



Gran Brix

Variety	Shape/Type	Shelf life	Weight (g)	Maturity / Earliness	Harvesting season	Resistances HR
ZAMBRA	Cocktail	Medium	50	Early	All year round	ToMV / V / M
GRAN BRIX	Cherry	Medium	15-18	Very early	All year round	Fol: 0 / V
SUMMERBRIX	Cherry	15-20	15-18	Early	Spring-Summer	ToMV / V
WINTERBRIX	Cherry	15-20	18-20	Early	Autumn	ToMV / V





melons

orange flesh
piel de sapo
yellow
galia
branco
Turkish

watermelons

sugar baby
crimson sweet

Irina

F-1

Get a bonus with external
and internal quality

Plant:

- Vigorous and balanced plant, abundant in female flowers. Early to mature.

Fruit:

- Round and slightly netted fruit, with an attractive colour at full maturity, it reminds of the traditional Charentais. Size is uniform and the variety is adapted to any plantation cycle.
- The flesh is deep orange, no watery, with a high sugar content (15-16° brix). Long shelf life.

Resistances: HR: Fom: 0, 1, 2
IR: Px: 1



Irina

Picasso

F-1

A guarantee of quality

Plant:

- Charentais type plant, sweet-smelling variety.
- Vigorous plant with an easy setting.
- Adapted to covered cultures as well as open field in early cycles.

Fruit:

- Ribbed fruit, medium netted, round shape and an average weight of 1 kg.
- The flesh is salmon colour, very firm and sweet, it has a strong smell and is resistant to vitrescence. Excellent flavour.

Resistances: HR: Fom: 0, 1, 2
IR: Px: 1, 2



Picasso

Recor

F-1

For early transplanting in Sicily

Plant:

- An Italian Cantaloup type variety with long shelf life.
- Vigorous plant with an easy setting.
- Adapted to greenhouse, tunnel and open field.

Fruit:

- Elliptical-round fruit with a rough and well distributed netting, strongly ribbed.
- Deep orange colour, very sweet flesh.

Resistances: HR: Fom: 0, 2

IR: Px: 1



Recor

Variety	Fruit	Weight (Kg)	° Brix (degrees)	Days to maturity	Shelf life	Cultivation type	Resistances HR	IR
► MELON CANTALOUPE								
TAMBO	Round, light greyish green, smooth rind	0,8	16	89	Very long	Greenhouse, covered	Fom: 0, 1, 2	Px: 1
IRINA	Round, light greyish green, smooth rind	0,8	16	85	Very long	Greenhouse, covered	Fom: 0, 1, 2	Px: 1
► MELON CHARENTAIS								
ALVARO	Round, smooth rind, sweet smelling	1	15,5	90	Medium	Covered, open field	Fom: 0, 1, 2	Ag / Px: 1, 2
PICASSO	Round, slightly flattened, netted	1,1	15	105	Long	Covered, open field	Fom: 0, 1, 2	Px: 1, 2
HA 06030	Charentais type, nicely netted	1	15	90	Short	Covered, open field	Fom: 0, 1, 2	
► MELON RETATO								
RECOR	Elliptical-round, clearly ribbed, beautiful netted	1,3 - 1,5	14	105	Long	Greenhouse, covered	Fom: 0, 2	Px: 1
REGIS (HA 06104)	Cantaloup type, netted, oval shaped, heavily ribbed	1,2 - 1,4	16	105	Medium	Greenhouse	Fom: 0, 1, 2	Px: 1, 2, 5
HA 06139	Cantaloup type, netted, oval shaped, heavily ribbed	1,5 - 1,7	14	100	Medium	Greenhouse	Fom: 0, 1, 2	Px: 1, 2, 5

Komkal (ex LINOR)

F-1

Flesh guarantee in early sowing

Plant:

- Vigorous plant, scarce but balanced foliage, easy setting.
- Piel de sapo type adapted to early cultivation in greenhouse in Morocco, Almería and Murcia, tunnel and early covering in Murcia and open field in Senegal.

Fruit:

- Short elliptical shaped fruit, big size, medium-strongly netted, longitudinal.
- Medium precocity, white flesh, quite crispy, sweet and juicy. Long shelf life, medium firm to firm.

Resistances: HR: Fom: 0, 1
IR: Px: 1, 2

Cantasapo

F-1

Production, production and more production

Plant:

- Piel de sapo type plant adapted to late open field crops in Murcia and medium-late open field crops in La Mancha.
- Very vigorous plant.

Fruit:

- Elongated-elliptical shaped fruit.
 - Late production, white flesh, medium crispy, sweet (16° brix), long shelf life.
 - Strongly netted longitudinally. Bigger size than Digital.
- Harvest time in late July-August-September in Murcia, Extremadura and La Mancha.

Resistances: HR: Fom: 0, 1



Cantasapo

Fitor

F-1

The guarantee of the best

Plant:

- Piel de sapo type plant adapted open field crops in La Mancha and in Brazil and Central America.
- Vigorous and balanced plant, easy setting.

Fruit:

- Elongated-elliptical shaped fruit.
- Medium precocity, white flesh, very crispy, sweet and very juicy, long life flesh.
- Slightly netted rind. Smaller size than Seda and Infantes.
- Harvest time at the end of August or beginning of September in La Mancha for keeping and eating during September-October-November.
- Harvest time from October to February in Brazil and Central America.

Resistances: HR: Fom: 0, 1 IR: Gc / Px: 1, 2, 5



Fitor

Variety	Fruit	Weight (Kg)	° Brix (degrees)	Days to maturity	Shelf life	Cultivation type	Resistances HR	IR
ABDERA	Piel de sapo type, elliptical, medium strongly netted, big size	3,5 - 4	13	97	Medium	Greenhouse, covered	MNSV	Px: 1, 2
KOMKAL	Short elliptical, strongly netted, big size	3,5	15	98	Long	Greenhouse, covered	Fom: 0, 1	Px: 1, 2
SEDA	Short elliptical, strongly netted	3	15	100	Long	Greenhouse, covered, open field	Fom: 0, 1	Px: 1
KANELA	Piel de sapo type, ovoid, medium strongly netted	3,5	14	95	Medium	Covered, open field		Px: 1, 2
INFANTES	Piel de sapo type, elliptical, rather short shape, medium longitudinally netted rind	3,4	15	93	Long	Covered, open field	Fom: 0, 1	Px: 1, 2
HB 05510	Piel de sapo type, ovoid slightly short shaped, medium longitudinally netted rind	3,2	14	91	Medium	Open field		Px: 1, 2
CANTASAPO	Piel de sapo type, elliptical, rather short shape, strongly longitudinally netted rind	3,5	13	103	Medium	Open field	Fom: 0, 1	
DIGITAL	Piel de sapo type, elliptical, rather short shape, strongly longitudinally netted rind	3,3	13	99	Medium	Open field	Fom: 0, 1	Gc / Px: 1, 2, 5
HB 05556	Piel de sapo type, long elliptical shaped, longitudinally slightly netted rind	3,5	15	89	Medium	Open field	Fom: 0, 1	Px: 1, 2
FITOR	Elongated elliptical, medium rough	3,3	16	92	Extraordinary long	Open field	Fom: 0, 1	Gc/ Px: 1, 2, 5
TOMIL (HB 0664)	Rochet type, ovoid round shaped, strongly netted and bright golden colour	1,8	15	85	Medium	Open field		Px: 1, 2

Goldex

F-1

Guarantee of sweetness

Plant:

- Hybrid yellow type.
- Vigorous plant adapted to many different conditions. Fruits are well covered by the leaves.
- Early cycle, easy handling and high production.

Fruit:

- Rounded-oval shaped fruit with a smooth and firm golden-yellow rind. Average weight: 1,5 kg.
- The fruit turns yellow only when internal brix has reached 10°. At full maturity fruit reaches 15,5° brix.
- White-greenish firm flesh, juicy and crispy.
- Good resistance to shipping.

Resistances: IR: Px: 1, 2

Australia

F-1

The big golden

Plant:

- Vigorous and balanced plant.
- Early cycle, easy setting and high production.

Fruit:

- Round-oval shaped fruit.
- Smooth and tough rind, with bright golden-yellow colour.
- White, firm and crispy flesh, very good taste.
- Average weight: 1,1-1,3 kg.
- Good resistance to transport and good shelf life.

Resistances: HR: Fom: 0, 1
IR: Px: 1, 2



Goldex

Solemio

F-1

The roughest and biggest yellow type

Plant:

- Vigorous plant, big leaves.
- Medium cycle variety, adapted to tunnel and open field cultivation.
- Excellent shelf life.

Fruit:

- Elongated oval fruits, L/D = 1,4 with an average weight of 2 kg.
- Strongly wrinkled and rough rind, golden-yellow colour at maturity.
- White flesh, firm and very sweet.

Resistances: HR: Fom: 0, 1
IR: Px: 1, 2



Solemio

Variety	Fruit	Weight (Kg)	° Brix (degrees)	Days to maturity	Shelf life	Cultivation type	Resistances HR	IR
INDALICO	Elongated, golden yellow, smooth rind	1,9-3	15,4	92	Long	Greenhouse		Px: 1, 2
MALERVA (HB 05415)	Yellow type, short elliptical, smooth, early variety	1,4-1,7	14	80	Medium	Greenhouse		Px: 1, 2
GOLDEX	Elongated round, pale yellow, smooth rind	1,2	15,5	90	Extraordinarily long	Open field		Px: 1, 2
NESTA	Elongated round, deep golden yellow, smooth rind	1,4	14	90	Very long	Open field	Fom: 0, 1	Px: 1, 2
ASTRALIA	Round oval	1,1-1,3	14	88	Very long	Open field	Fom: 0, 1	Px: 1, 2
SOLEARES (HB 06479)	Yellow type, oval round shaped, smooth rind	1,5-1,8	13	81	Medium	Covered, open field	Fom: 0, 1	Px: 1, 2
ALMERINO	Elongated, yellow, rough rind	2,5	14	94	Very long	Open field	Fom: 0, 1	Px: 1, 2
SOLEMIO	Elongated round, yellow, strongly wrinkled rind	2,5	14	90	Long	Open field	Fom: 0, 1	Px: 1, 2
HB 05401	Chinese type, round shape	1,2	13	83	Short			Px: 1, 2

Brimos

F-1

Early to mature and high yield

Plant:

- Vigorous and easy setting.
- Suitable for greenhouse in early plantations.

Fruits:

- Round, turning to deep yellow at maturity. Fine and dense rind netting.
- Average weight of 1,5 to 2 kg.
- Light green colour and very sweet flesh.

Resistances:

HR: Fom: 0, 1, 2
IR: Gc / Px: 1, 2, 5

Cautor

F-1

The LSL galia with green flesh
for early sowings

Plant:

- Vigorous plant with good endurance, dark leaves, very well balanced in female flowering.

Fruit:

- Round fruit with regular netting. Deep green and very sweet flesh, long shelf life. Small seed cavity.

Resistances:

HR: Fom: 0, 1, 2
IR: Gc / Px: 1, 2, 5



Brimos

Variety	Fruit	Weight (Kg)	° Brix (degrees)	Days to maturity	Shelf life	Cultivation type	Resistances	
							HR	IR
BRIMOS	Round, very long, slightly and regularly netted	1,8	14	75	Medium	Greenhouse	Fom: 0, 1, 2	Gc / Px: 1, 2, 5
CAUTOR	Round, regularly netted, deep green flesh	1,1 - 1,2	15	85	Very Long	Greenhouse	Fom:0, 1, 2	Gc / Px: 1, 2, 5

Alqueva

F-1

Wrinkled, netted and resistant with a white rind**Plant:**

- White Ribatejo type, adapted to open field cultures in Extremadura and Portugal.
- Medium early.
- Vigorous and balanced plant, easy setting.

Fruit:

- Elliptical shaped.
- Pure white rind, slightly wrinkled and netted.
- The flesh is white cream colour, crispy and firm, sweet and juicy, long shelf life.
- Good size, bigger than Branco de Ribatejo.
- Harvest time: July, August, September.

Resistances: HR: Fom: 0, 1
IR: Px: 1



Truva

F-1

Especially suited for the Turkish Market**Plant:**

- Very vigorous and productive plant.

Fruit:

- Uniform fruits, elliptical-globular shaped, slightly wrinkled rind, green yellow colour with dark spots. Sweet flesh. Good shelf life.

Resistances: HR: Fom: 0, 1
IR: Px: 1, 2



Variety	Fruit	Weight (Kg)	° Brix (degrees)	Days to Maturity	Shelf Life	Cultivation type	Resistances HR	IR
► BRANCO DO RIBATEJO								
ALQUEVA	Elongated round, netted	2,8	15	90	Medium	Open field	Fom: 0, 1	Px: 1
HI 02390	Elongated round, netted	2,8	15	90	Medium		Fom: 0, 1	Px: 1
HB 06924	Elongated round, netted	2,8	15	90	Medium	Open field		Px: 1, 2
► TURKISH								
TRUVA	Elliptical, slightly rough, golden green with dark spots	2,5	14	92	Medium	Open field	Fom: 0, 1	Px: 1, 2
HI 02389	Elliptical, slightly rough	2,2	13	90	Medium		Fom: 0, 1	Px: 1, 2

Toro (32/99)

F-1

Early to mature

Plant:

- Early to mature. Recommended for use in light, sandy, well drained soils.

Fruit:

- Almost round, medium sized fruits –slightly bigger than the other hybrids– with a dark green rind and red flesh.

Perla Negra (HP 03040)

F-1

Deep red and very sweet flesh

Plant:

- Medium vigour, with excellent fruit cover and a grouped production.
- Very well adapted to medium and late harvest in tunnel.

Fruit:

- Round, medium sized (5-6 kg) fruit, dark green colour, without meridians. The flesh is deep red, with no stripes and few little seeds, thin rind.
- Outstanding variety because of its excellent internal quality with a high sugar content (14-15° brix).



Perla Negra

SF 0502

Long shelf life

Plant:

- Produces 1 to 2 fruits per plant.
- Suitable for growing in open field and low plastic tunnels.

Fruit:

- Oval and uniform fruit, weighing from 9 to 10 kg. Striped rind in deep green colour.
- The flesh is red with a high sugar content, very crispy and fibreless.
- The fruit comes to maturity 80-85 days after planting. Long shelf life and excellent conservation before harvesting.

Tolerances: Cr

SF 0502





c u c u m b e r s

long
slicer
cornichon / pickling
mini

Benito

F-1

Quality and production

Plant:

- Vigorous gynoeceious plant with very shorts internodes, small leaves, very early.
- Suitable for short cycle under hot/mild conditions.

Fruit:

- Long, straight and grooved fruit, very dark green colour and excellent shelf life.

Resistances: HR: Cca / Ccu
IR: CVYV

Solero

F-1

Quality always

Plant:

- Vigorous plant with short internodes and one or two fruits per node, dark colour leaf. Very high production avoiding fruit abortion on the stem.
- Suitable for short cycle under hot/mild conditions.

Fruit:

- Uniform length, good shape and nice colour all through the cycle. Excellent shelf life.

Resistances: IR: CVYV



Solero

Estrada

F-1

The best regrowth with maximum quality

Plant:

- Vigorous plant, short internodes. Fruit is easily produced in hot conditions.

Fruit:

- Very good shape and dark colour. Excellent shelf life.

Resistances: HR: Cca / Ccu
IR: CVYV

Beltran

F-1

Good regrowth with better green plant

Plant:

- Vigorous plant, short internodes, balanced foliage and good regrowth under cold conditions.

Fruit:

- Long, straight, ribbed in dark colour, excellent shelf life.

Resistances: HR: Cca / Ccu
IR: CVYV



Estrada

Variety	Growing period	Fruit length	Vigour	Resistances	
				HR	IR
BENITO	Spring-Summer	32-34	xxx	Cca / Ccu	CVYV
SOLERO	Spring-Summer	30-32	xxx		CVYV
ESTRADA	Autumn-Winter	32-34	xxxx	Cca / Ccu	CVYV
BELTRÁN	Autumn-Winter	32-34	xxxx	Cca / Ccu	CVYV
YORK	Autumn-Winter	32-34	xxxx		
DURCAL	Autumn-Winter	30-32	xxxxx	Cca / Ccu	CVYV
DANKO	Autumn	32-34	xxxx	Cca	
DARDOS	Autumn-Winter	30-32	xxxxx		
OITOL	Spring-Summer	32-34	xxx		CVYV / Px
ALEJO (790/03)	Late autumn-Winter	30-32	xxxxx	Cca	CVYV
CUXCUMEX	Spring-Early autumn	32-34	xxxx		
500/00	Spring	34-36	xxx		Px
DONATO	Autumn-Winter	32-34	xxxx		CVYV
HA 07107	Autumn-Early spring	30-32	xxxx		CVYV / Px

Ezzine

F-1

The most productive in spring and summer

Plant:

- Vigorous and open plant with medium size leaves.
Very early, long cycle variety with gynoecious flowers.

Fruit:

- Medium long fruit, dark green colour with spines and long shelf life.

Resistances: HR: Ccu

IR: CMV / CVYV / Px

Lemosin

F-1

Plant, production and colour in winter

Plant:

- Very vigorous plant, dark leaves, gynoecious flowers and high yield.

Fruit:

- Good length, very dark colour, slightly grooved with spines, very uniform all through the cycle.

Resistances: HR: Cca / Ccu

IR: CMV / CVYV / Px



Lemosín

Variety	Growing season	Fruit length	Colour	Vigour	Resistances	
					HR	IR
EZZINE	Summer	19-21	Dark green	xxxx	Ccu	CMV / CVYV / Px
MIDI	Autumn-Early spring	20-22	Dark green	xxxx	Ccu	CMV / CVYV
MONDEGO	Spring-Summer	20-22	Dark green	xxx	Ccu	CMV / CVYV / Px
LEMOSIN	Autumn-Early spring	22-24	Medium green	xxxx	Cca / Ccu	CMV / CVYV / Px
HA 06224	Autumn-Early spring	22-24	Dark green	xxxx		CVYV
GAZVER	Spring-Early autumn	18-20	Medium green	xxx		
GRANADA	Late spring-Summer	20-22	Light green	xxx		

Conil

F-1

The darkest cornichon

Plant:

- Good vigour, open plant habit, gynoecious flowers, early to mature and long cycle.

Fruit:

- Very dark colour and quick formation. It has spines and good firmness.

Resistances: HR: Ccu

IR: CMV / CVYV / Px

Motril

F-1

Nice colour and good shelf life under hot conditions

Plant:

- Vigorous plant with good endurance, small leaves, dark colour, only gynoecious flowers, very early to mature and adapted to hot conditions.

Fruit:

- Dark green with a good density of spines, excellent firmness and post-harvest behaviour, even under high temperatures.

Resistances: IR: CVYV / Px

Motril

Variety	Fruit setting	Growing season	Fruit length	Colour	Vigour	Resistances	
						HR	IR
CONIL	1-2 fruit / node	Autumn-Early spring	14-15	Medium green	xxxx	Ccu	CMV / CVYV / Px
LUCENA	1-2 fruit / node	Late spring	14-15	Medium green	xxxx	Ccu	CMV / CVYV / Px
MOTRIL	1-2 fruit / node	Autumn-Winter	16-17	Dark green	xxxxxx		CVYV / Px
UBEDA	1 fruit / node	Winter	16-17	Medium green	xxxxxx	Ccu	CMV / CVYV / Px
HA 07618	1-2 fruit / node	Spring-Summer	17-18	Dark green	xxx		CMV / CVYV / Px

Hilton (HA 05321)

F-1

Dark colour and good uniformity
all year round

Plant:

- Very vigorous plant with short internodes. Gynoeceious flowers, produces 1 to 2 fruits per node.

Fruit:

- Parthenocarpic fruits, very uniform and cylindrical, straight, measuring 18-20 cm long, dark green colour and grooved.

Tolerance:

- Tolerant to cold, long cycle production. Excellent growth after the line for fall-winter.

Resistances: IR: CVYV / Px

Rami (148 / 03)

F-1

Uniform production all over the cycle

Plant:

- Plant with small leaves and lateral stems, semi-multifruited.
- Suitable for harvesting in spring and early autumn.

Fruit:

- Medium-long fruit (14-16 cm), deep green colour, ribbed enough, neckless and well finished. Spineless.
- Outstandingly uniform production all through the cycle, both in quantity and quality.

Resistances: IR: CMV / CVYV / Px



Hilton

Tudor (636/02)

F-1

Resistant plant and high production

Plant:

- Open plant with short internodes able to give a high production in a short period.

Fruit:

- Parthenocarpic and cylindrical fruits, nicely ribbed and very uniform. Produces 1 to 2 fruits per node and sometimes more.

Sowings:

- It is recommended to sow it in double row beginning autumn.

Resistances: IR: CMV / CVYV / Px**Open plant habit decreases the chance of Downy Mildew.**

Tudor

Variety	Fruit setting	Growing season	Fruit length (cm)	Colour	Vigour	Resistances IR
HILTON	1 fruit/node	Winter-Early spring	18-20	Medium green	xxxxx	CVYV / Px
TUDOR	1 fruit/node	Late autumn	16-18	Medium green	xxxx	CMV / CVYV / Px
SEIF (611/03)	1 fruit/node	Winter	16-18	Light green	xxxx	CVYV / Px
SATURN	1 fruit/node	Autumn-Early spring	16-18	Medium green	xxxx	CVYV / Px
HA 06331	1 fruit/node	Winter	16-18	Light green	xxxxx	CVYV / Px
HA 06376	1 fruit/node	Late autumn-Early spring	16-18	Medium green	xxx	CVYV / Px
RAMI	1-3 fruits/node	Spring-Summer-Early autumn	15-17	Medium green	xxx	CMV / CVYV / Px
MAJESTIC	1-3 fruits/node	Spring-Early autumn	16-18	Dark green	xxx	CMV / Px
HA 05766	1-3 fruits/node		18-20	Medium green	xxxxx	CMV / CVYV / ZYMV / Px
NIMBUS	1-3 fruits/node	Spring-Early autumn	16-18	Dark green	xxx	CMV / Px



squash

light green

Lebanese

dark green

Falcon

F-1

Suitable for all year round

Plant:

- Medium vigorous plant, easy picking, very early and highly productive.

Fruit:

- Uniform fruit, cylindrical, white light green colour.
- Suitable for all year round plantation.

SF 9423

F-1

An open habit for an easy harvest

Plant:

- Medium erect plant with a single central stem and an open habit which allows easy picking.

Fruit:

- Cylindrical shaped fruit, light green colour with attractive speckles. Edible in 40 days after sowing.



Falcon

Variety	Fruit	Type	Days to maturity	Harvesting	Resistances IR
► LIGHT GREEN					
FALCON	White - Light green	Cylindrical	50	All year round	
HA 06122	White - Green	Cylindrical		Autumn-Spring	
SF 9423	Light green, speckled with grey	Cylindrical	40	Summer-Autumn	CMV / WMV / ZYMV / Px
JAMILAH	Light green, speckled with grey	Cylindrical	40	Summer-Autumn	CMV / WMV / ZYMV / Px
► LEBANESE					
AZTECA	Light green, speckled with grey	Bulbous	52	All year round	
GLORIA	Light green, almost white	Bulbous	50	All year round	

Milenio

F-1

The best regrowth with the maximum quality

Plant:

- Very vigorous plant, small leaves and open foliage. Highly tolerant to rooting because of its ventilated setting.
- An early productive variety adapted to greenhouse and open field conditions, for cold weather.
- The colour of the fruit and the

plant vigour makes this variety perfectly suited for winter cycles.

Fruit:

- Long, straight, cylindrical shaped fruit. Easy flower fall and quick cicatrisation.
- Its firm white flesh, dark colour and good shelf life make this variety ideal for the most demanding markets.

Brillante

F-1

Excellent results in open field conditions

Plant:

- Very vigorous plant with short internodes.
- Open habit that makes easy the fruit harvesting.

Fruit:

- Dark green colour and very homogeneous cylindrical shape.
- Excellent shelf life
- Earliness and high yield.

Resistances:

IR: CMV / WMV / ZYMV / Px



Brillante

Variety	Fruit	Size (*)	Days to maturity	Harvesting	Resistances IR
CHAPIN	Dark green	Medium	53	Spring	
CANDELA	Dark green	Medium	48	Early autumn	
BRANDY	Dark green	Medium	55	Autumn	
VESUL	Medium green	Long	50	Late autumn	
MILENIO	Very dark green	Medium	48	Winter-Early spring	
BERULA	Dark green	Medium	50	Autumn	
DYNAMIC	Medium green	Medium	50	Spring-Summer	
ELENA (HA 06001)	Medium green	Medium	40	Summer-Early autumn	
HA 06053	Dark green	Medium	51	Winter-Early spring	
BRILLANTE	Medium green	Medium		Summer-Autumn	CMV / WMV / ZYMV / Px

* Short: <18 cm Medium: 18-22 cm Long: >22 cm

Candela

F-1

Easy setting and deep green colour
under hot conditions

Plant:

- Medium vigorous and compact plant with deep green leaves. Easy setting under hot conditions.

Fruit:

- Very early, elongated, straight and cylindrical shape, dark shiny colour. Easy flower fall. Excellent shelf life.

Candela is well adapted to the sowings under hot conditions. Keeps a nice deep green colour all through the cycle.

Vesul (Etna)

F-1

Vigorous plant and regular production

Plant:

- Very vigorous plant with regular production. Open foliage and a ventilated disposition that avoids rotting problems. His high vigour allows long cycles.

Fruit:

- Long and straight cylindrical fruit, dark green colour. Easy flower fall.



Vesul



leguminous

pea
broad bean
cylindrical bean
flat bean



Senador - Cambados

The most uniform pea

Plant:

- Semi-climbing variety. The plant reaches 70-75 cm in height. Pointed, slightly curved pods, 11-13 cm in length.

Pods:

- The pod contains 8-9 large grains, dark green colour (when fresh).
- The oval, creamy green dry pea has a shrunken appearance.
- A well known selection for its uniformity, pod quality and yield potential.

Tirabi

The most productive pea plant

Plant:

- A climbing variety that reaches 150 cm in height.
- 2-3 purple flowers per node, beginning at the 12th or 13th node.
- A very productive variety with much more extended productive life than other edible pod varieties.

Pods:

- Smaller edible pods than Carouby de Maussane: 10-12 cm in length, 2,2-2,5 cm width.



Senador Cambados

Variety	Pod type	Earliness	Dry seed	Usage
SENADOR-CAMBADOS	Large, slightly curved	Medium to early	Creamy, wrinkled	Fresh market
TIRABI	Medium size, wide and straight, rounded	Medium to late	Dark creamy colour, globular	Edible pod

Luz de Otoño

Long narrow pods,
especially bred for hot climates

Plant:

- The only variety that can be productive in reduced daylight autumn conditions.
- In hot climates, fresh market pods are produced at the end of October if planted in late August.
- Plant with narrow folioles. Double pods in the first nodes.

Pods:

- Long narrow pods ranging from 24-26 cm long, containing 6-7 grains each.

Reina Mora

Early to mature and very productive

Plant:

- Very early to mature.
- Flowering begins 14 days prior to Muchamiel.
- Highly productive even at the lower parts of the plant.

Pods:

- Long pods measuring 23-25 cm and containing 6-7 grains each.
- Dry beans are medium sized and have a shiny violet colour.



Luz de Otoño

Histal

Extra long pods

Plant:

- A very uniform selection of Aguadulce. Tall plants with 4-5 strong and thick stems.
- Large leaves with oval folioles.

Pods:

- Extra-long pods measuring from 30-33 cm length and 3 cm width. 7-8 large grains per pod.
- Early to mature, 3-4 days earlier than Aguadulce. Excellent resistance to cold weather.

Reina Blanca

The best for processing

Plant:

- Very early to mature, flowering begins 2 days prior to Muchamiel variety.
- Seeds are white, the dry bean keeps the white hilum.

Pods:

- Remarkable variety for the high quality of the pod: very uniform, straight, cylindrical and compact, containing 5 to 7 grains of the same size.
- A variety well adapted to freezing due to the bean characteristics and the grouped production. The pods can be harvested all together almost at the same time.



Reina Blanca

Variety	Pod size (cm)	Seeds per pod	Earliness	Dry seed	Usage
ERIKA	19-22	5-6	Early	White	Frozen / Processing / Fresh market
HISTAL	30-33	7-8	Medium early	Creamy, elongated	Fresh market
LUZ DE OTOÑO	24-26	5-7	Extra early	Creamy, elongated	Fresh market
PRIMABEL	23-25	6-7	Early	Creamy, globular	Fresh market
REINA BLANCA	20-23	5-7	Early	White, globular, white string	Frozen / Fresh market
REINA MORA	23-25	6-7	Extra early	Purple, globular	Frozen / Fresh market

Ariza (Goya)

The straightest pod among round beans

Plant:

- Highly vigorous pole variety with short internodes and a balanced foliage.
- Very early and highly productive, easy setting.

Pods:

- Narrow and very straight cylindrical pods. Length: 13 to 15 cm, dark green colour and easy harvesting. Dry beans are white, small sized.
- Good tolerance to cold weather. Keeps the pods straight even under low temperatures.
- Early variety adapted to autumn and spring culture in greenhouse.

Resistances: HR: BCMV / Cl: L

Perfeccion Negra - Polo

Early variety

Plant:

- Vigorous climbing plant, pole variety.

Pods:

- Long, narrow and cylindrical pods measuring 16-19 cm long and about 0,8 thick.
- Pods are dark green and stringless.
- Seeds are medium sized, black and elongated.

An early variety well adapted to greenhouse or open field conditions.

Resistances: HR: BCMV



Ariza

Plaja

The earliest high yield plant

Plant:

- Compact bush plant, highly productive.

Pods:

- Straight, flattened, measuring 13-14 cm long and about 1,5-2 cm wide.
- Pods are medium green, stringless and fibre-free.

An early variety well adapted for processing and fresh market use. Suitable for mechanical harvest.

Resistances: HR: BCMV

Gadir (02/07)

The best shape all year round

Plant:

- Vigorous plant with balanced foliage. Easy setting.

Pods:

- Flattened, long, very straight and fibreless fruit. Medium dark green colour, very fleshy. Keeps its quality both in plant and in post harvest conditions.

Resistances: HR: BCMV



Plaja



Variety	Type	Pod length (cm)	Seeds (shape/colour)	Earliness	Resistances HR
► CYLINDRICAL					
DALI	Bush	14-16	White, elliptical	Medium to early	BCMV / Ci: L, 6
ARIZA	Climbing	14-15	White, elliptical	Early	BCMV / Ci: L
CILENA	Bush	14-16	White, elliptical	Medium to early	BCMV
PERFECCION NEGRA - POLO	Climbing	17-18	Black, oblong	Medium to early	
EFEQUINCE	Bush	15-16	White, half-long	Early	BCMV
► FLAT					
GARRAFAL ORO VELEZ	Climbing	20-22	Creamy gold, oblong	Medium to late	
PLAJA	Bush	15	White, oblong	Medium to early	BCMV
VERONICA	Bush	15-17	White, oblong	Medium to early	BCMV
GARRAFAL ENANA ESERALDA	Bush	18-19	Red, oblong	Medium to late	
PEROLAR	Climbing	20-22	Creamy, brown-veined, oblong	Early	
PRIVER	Climbing	20-22	White, oblong	Medium to early	
SF UNO	Bush	13-15	White, oblong	Early	BCMV
ORIOLA (08/03)	Bush	15-17	White, oblong	Early	BCMV
GADIR (02/07)	Climbing	23-25	White flattened	Medium to early	BCMV

MORADA DE AMPOSTA

Arbo

Plant:

- This selection is well known for its excellent shelf life: over 6 months under correct storage conditions.

Bulb:

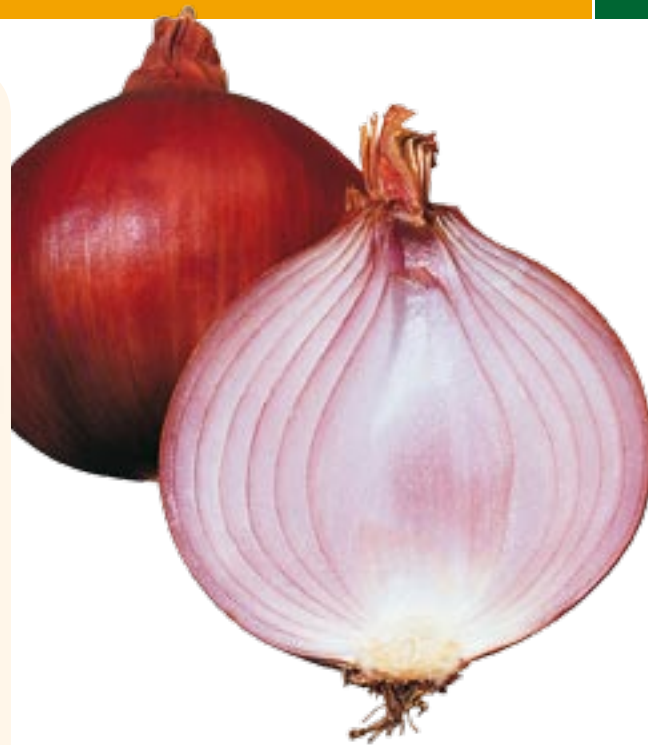
- Globular bulbs with a purplish-red skin when dry.
- Bulb interiors are dense and purple coloured.
- Sweet flavour and slightly spicy taste.

VALENCIANA TARDIA

Delfos

Bulb:

- Globular bulbs with a good size.
- Bulbs have a yellow-coppery skin colour with a dense, sweet, white interior.
- Bulbs have a good shelf life, over 5 months under correct storage conditions.



Arbo



Delfos

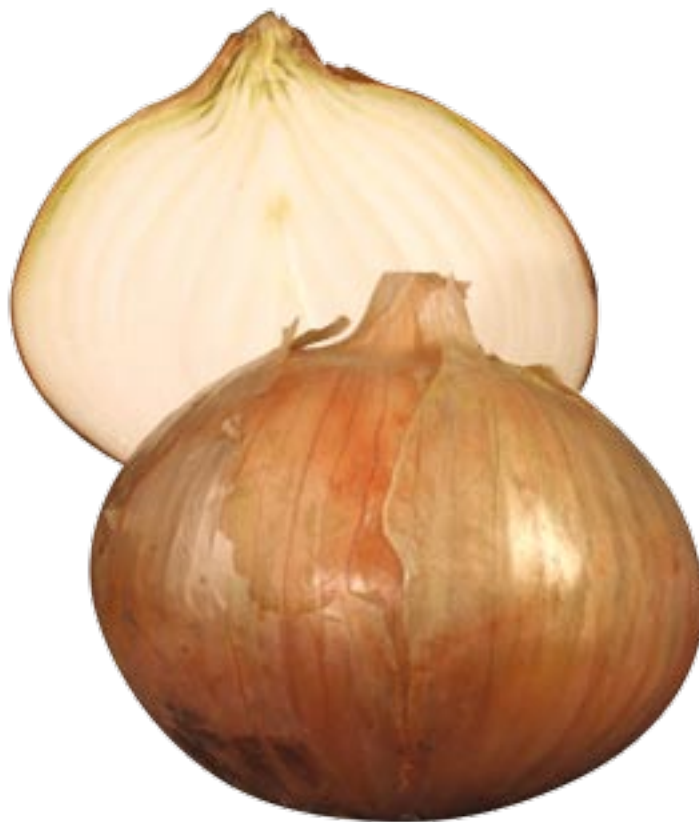
Boraya

F1**Plant:**

- Short day variety with a very early cycle.

Bulb:

- Conical and bottom flattened bulbs with a straw-yellow skin. Big sized: average weight of 350 g.
- Compact flesh, not spicy.



Boraya

Variety	Shape	Colour	Weight	Harvesting	Shelf life
► LONG DAY onion					
Morada de Amposta ARBO	Globular	Purplish red	230 g	August - September	5-6 months
Valenciana tardia DELFOS	Globular	Copperish yellow	230 g	August	5-6 months
RECAS	Globular	Copperish yellow	230 g	August	5-6 months
► SHORT DAY onion					
PREBOSA	Conical	Straw	190 g	Late April	2-3 months
BORAYA	Globular flattened	Straw	350 g	Early April	2-3 months

Redondo Rojo - Vermell

Root:

- Medium fast developing of perfectly round roots of 4 cm diameter with a bright red colour and white flesh.

Resistance:

- Excellent resistance to cracking and hollowness.
- Strong even in hot conditions.



Vermell

TURNIP Virtudes Martillo

Root:

- A variety known for its thick, tender, fast growing roots measuring 15-20 cm.
- One third of the white cylindrical roots is above the soil, making it easier to harvest.



Virtudes Martillo

Nantesa Coral

Root:

- A Nantes type which stands out for the production of more cylindrical, blunt tipped roots with better colour and great internal texture. No ligneous heart.

Resistance:

- Excellent resistance to bolting.



Coral

ROOTSTOCK Shintosa F-90 F1

This watermelon grafting rootstock is compatible with any variety. Resistant to Verticillium and Fusarium 0, 1, 2. F-90 provides the plant with early maturity, attractive fruits and excellent flesh quality. Also suitable for melon grafting.



Shintosa F-90

VEGETABLE SEED SPECIFICATIONS

Vegetable growing has become a highly specialized and intensive activity. As a result of the ever increasing demand for better quality vegetable growers and plant raisers require an improved quality of the basic material.

The demand for specific seed forms and more information about seed quality has strongly increased to better influence emergence and required number of plants.

Seed is a natural product. The often varying environmental conditions thus influence final results. It is therefore often not possible to give detailed information about emergence and other physical seed characteristics. To meet the wishes of clients as much as possible SEMILLAS FITO has made up quality standards for the various seed categories.

The germination percentages mentioned are SEMILLAS FITO minimum required figures and made up according to ISTA methods and tolerances. In cases where the seed does not apply with these product specifications SEMILLAS FITO will inform the client.

GENERAL DEFINITIONS

Normal Seed: In general, normal seed has not been subjected to special processes. It is sold by weight and/or by count, depending on the product. Normal seed complies with national standards.

Precision Seed: Precision seed has been subjected to additional processes. It has a uniform size and high germination. Precision seed is sold by count.

Priming: Priming is defined as an activation of the germination process with the purpose to obtain faster or more uniform emergence after sowing. Primed seed is sold by count.

Pelleting: Pelleting is defined as the process of changing the seed form by covering it with a material, the main purpose being to improve uniformity of size and shape resulting in improved sowing ability. Also additional ingredients may be added. Pelleted seed is sold by count.

Filmcoating: Filmcoating is a full covering, usually pigmented layer, around the seed. The original seed form remains intact. Additional ingredients may be added. Filmcoating treatments that contain insecticides are normally identifiable by color coding. Filmcoated seed is sold by count.

Gluecoating: Gluecoating is a process which fixes the applied crop protection products in an almost dustfree manner to the seed. A pigment may be added.

Germination: Germination figures relate to ISTA procedures and are valid at the time of despatch.

TERMS DESCRIBING THE REACTION OF PLANTS TO PESTS OR PATHOGENS AND TO ABIOTIC STRESSES

Immunity: not subject to attack or infection by a specified pest or pathogen.

Resistance: the ability of a plant variety to restrict the growth and development of a specified pest or pathogen and/or the damage they cause when compared to susceptible plant varieties under similar environmental conditions and pest or pathogen pressure. Resistant varieties may exhibit some disease symptoms or damage under heavy pest or pathogen pressure.

Two levels of resistance are defined:

High resistance (HR): plant varieties that highly restrict the growth and development of the specified pest or pathogen under normal pest or pathogen pressure when compared to susceptible varieties. These plant varieties may, however, exhibit some symptoms or damage under heavy pest or pathogen pressure.

Intermediate resistance (IR): plant varieties that restrict the growth and development of the specified pest or pathogen, but may exhibit a greater range of symptoms or damage compared to high/standard resistant varieties. Moderately/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 or pathogen pressure.

Susceptibility: the inability of a plant variety to restrict the growth and development of a specified pest or pathogen.

Tolerance: the ability of a plant variety to endure abiotic stress without serious consequences for growth, appearance and yield.

Species	Pest-pathogen	Code	Organism	Scientific name	Races/ Pathotypes	Level of resistance
SQUASH	Cucumber mosaic	CMV	Virus	Cucumber Mosaic Virus		IR
	Powdery mildew	Gc	Fungus	Golovinomyces cichoracearum		IR
	Powdery mildew	Px	Fungus	Podosphaeria xanthii		IR
	Papaya mosaic	PRSV	Virus	Papaya Ringspot Virus		IR
	Watermelon mosaic	WMV	Virus	Watermelon Mosaic Virus		IR
	Zucchini yellow	ZYMV	Virus	Zucchini Yellow Mosaic Virus		IR
BEAN	Anthraxnose	Cl	Fungus	Colletotrichum lindemuthianum	Lambda(L), 6	HR
	Bean common mosaic	BCMV	Virus	Bean Common Mosaic Virus	no necrotic	HR
MELON	Aphid	Ag	Insect	Aphis gossypii		IR
	Fusarium wilt	Fom	Fungus	Fusarium oxysporum f.sp.melonis	0, 1, 2	HR
	Melon necrotic spot	MNSV	Virus	Melon Necrotic Spot Virus		HR
	Powdery mildew	Gc	Fungus	Golovinomyces cichoracearum		IR
	Powdery mildew	Px	Fungus	Podosphaeria xanthii	1, 2, 5	IR
CUCUMBER	Cucumber mosaic	CMV	Virus	Cucumber Mosaic Virus		IR
	Cucumber vein yellowing	CVYV	Virus	Cucumber Vein Yellowing Virus		IR
	Cucurbit yellow	CYSDV	Virus	Cucurbit Yellow Stunting Disorder Virus		IR
	Powdery mildew	Gc	Fungus	Golovinomyces cichoracearum		IR
	Powdery mildew	Px	Fungus	Podosphaeria xanthii		IR
	Scab	Ccu	Fungus	Cladosporium cucumerinum		HR
	Target spot	Cca	Fungus	Corynespora cassicola		HR
PEPPER	Potato virus Y	PVY	Virus	Potato Virus Y	0, 1	HR
	Tobamovirus	Tm0	Virus	Pepper Mild Mottle Virus	P0	HR
	Tobamovirus	Tm2	Virus	Pepper Mild Mottle Virus	P0, P1, P1.2	HR
	Tobamovirus	Tm3	Virus	Pepper Mild Mottle Virus	P0, P1, P1.2, P1.2.3	HR
	Tomato spotted wilt	TSWV	Virus	Tomato Spotted Wilt Virus		IR
	Cracking	Cr	Abiotic	Cracking		T
	Stip	St	Abiotic	Stip		T
WATERMELON	Fusarium wilt	Fon	Fungus	Fusarium oxysporum f.sp.niveum	0,1	IR
TOMATO	Bacterial speck	Pst	Bacteria	Pseudomonas syringae pv. tomato		HR
	Fusarium crown	For	Fungus	Fusarium oxysporum f.sp. radicle-lycopersici		HR
	Fusarium wilt	Fol	Fungus	Fusarium oxysporum f.sp. lycopersici	0, 1	HR
	Leaf mold	Ff	Fungus	Fulvia fulva	1, 2, 3, 4, 5	HR
	Root-knot	M	Nematode	Meloidogyne arenaria, M. incognita, M. javanica		HR / IR
	Tomato mosaic	ToMV	Virus	Tomato Mosaic Virus	0, 1, 2, 1-2	HR
	Tomato spotted wilt	TSWV	Virus	Tomato Spotted Wilt Virus		IR
	Tomato yellow leaf curl	TYLCV	Virus	Tomato Yellow Leaf Curl Virus		IR
	Verticillium wilt	V	Fungus	Verticillium albo-atrum, V. dahliae		HR
	Blossom end rot	BER	Abiotic	Blossom End Rot		T
	Blotching	Bl	Abiotic	Blotching		T

HR: High

IR: Intermediate

T: Tolerant



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