

PRODUCTS CATALOGUE



Ramiro  Arnedo
semillas



PRESENTATION

Tradition
Innovation
Renovation
Growth



Ramiro Arnedo is immersed in a process of growth and change, and with the catalogue for 2022, we want to give you a sample of our wide assortment of horticultural seeds. The varieties presented here are a mixture of the traditional with innovation and a faithful reflection of the capacity for research and renewal of what remains at its base a Spanish family company.

Hopefully you like it,

The management

To know all the products and the latest additions
I invite you to visit our website:

www.ramiroarnedo.com

ORGANIZATION

The main value of our company are its people, formed by more than 160 employees: Agricultural Engineers, Biologists, Agricultural Technical Engineers, Biotechnologists, Laboratory Technicians, Administrative, Warehouse and Agricultural Employees, who work together to obtain the best varieties and present them in the market with optimal quality.

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Ramiro Arnedo



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ARTICHOKE



LORCA

- Mid-vigorous plant. Uniform.
- Long spherical shaped artichokes, with grouped bracts, the outer ones having a slight anthocyanin coloration.
- Excellent flavor.
- Allows transplants during different seasons throughout the year.

TUPAC

- Artichoke from seed with a plant of medium vigor.
- Suitable for the fresh market as well as for the canning industry.
- Low need of vernalization which allows the production of artichokes with a few days of low temperatures.
- Phytohormones (GA3) can be applied to supply that absence of cold and stimulate the formation of artichokes allowing the production of artichokes during a wide period of time and in a great diversity of places, provided that a good study and programming of the crop is done.
- The fruits are more or less conical, with a wide base and a narrow tip, with a high number of bracts, compact, which gives them a good specific weight and a high yield in the canning industry.



BEANS



● FLAT PODS

ANCARES

- For open air and greenhouse farming.
- Indeterminate plant, vigorous.
- Straight pods, with a length of 20-24 cm and 2-2.2 cm wide; of medium green color and a very smooth surface.
- Semi-early.
- Helda type, very productive.
- HR to BCMV and BCMNV.



ISLALLANA

- For open air and greenhouse farming.
- Indeterminate plant, vigorous.
- Straight pods, 20-24 cm long and 1.7-1.9 cm wide, of a medium green color and very smooth surface.
- Semi-early.
- Produces very fine pods of great quality.
- HR to BCMV and BCMNV.



● **ROUND PODS**

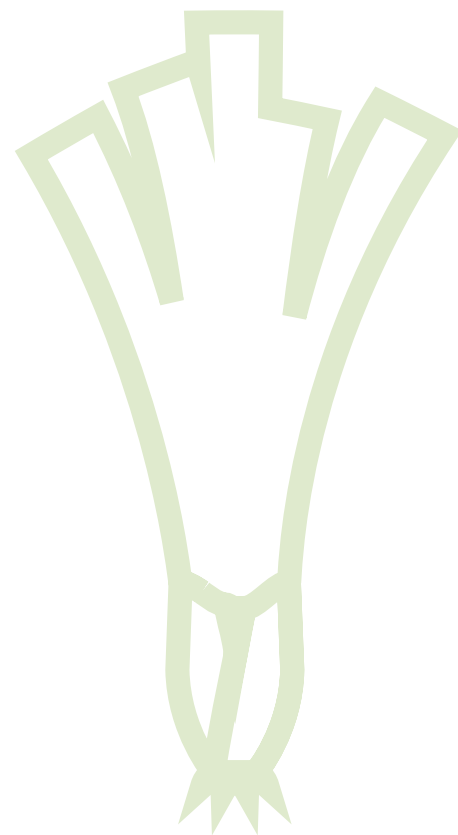
EMILIA

- For greenhouse and outdoor farming.
- Climbing variety with vigorous plant, medium green colored leaves and good re-sprouting.
- Early cycle.
- Medium to dark green colored pods, cylindrical and straight, 16-18 cm long. Fleshy and very consistent.
- HR to BCMV and BCMNV.



Variety	Type	Color	Length (cm)	Resistences	Observations
ANCARES	Long	Medium green	20-24	BCMV BCMNV	Semi-early and very productive.
ISLALLANA	Flat	Medium green	20-24	BCMV BCMNV	Elegant pods of great quality.
EMILIA	Flat	Dark green	16-18	BCMV BCMNV	Good resprouting and color.

CELERY



PLEIN BLANC LEPAGE **Selection "OREGON"**

- Vigorous plant, with erect habit and compact.
- Medium-green, shiny and erect wide ribs.
- With sufficient length to its first internode and good flavor.
- It has a high bolting and hollowing tolerance.
- Medium and late autumn transplants and spring farming in Mediterranean climate.



ALASKA

- Medium-bright green celery.
- Vigorous plant with high internodes and slender stalks.
- It has a high bolting and hollowing tolerance.
- Late autumn/winter transplants and spring farming in Mediterranean climates.



NEBRASKA

- Medium-bright green celery.
- Compact, slender, early plant.
- It has a high bolting and hollowing tolerance.
- Medium and late autumn/winter transplants and spring farming in Mediterranean climates.

EGGPLANT



● EGGPLANT FOR OPEN FIELD

ALEGRIA F1 (Half-long black)

- Plant with medium vigor and short internodes.
- Semi-long and very consistent fruits with a black and shiny color.
- Recommended for open field.

BRUJULA F1 (Half-long black)

- Recommended for open field.
- Vigorous plant with short internodes and medium-sized leaves, optimum for covering the fruit in the months with greatest sunlight.
- Semi-long type fruits, intense black with excellent shine, without spines and with a very good consistency.
- High-yield plant which fares well in the hottest months.
- Flowers fall easily, avoiding rotting problems.

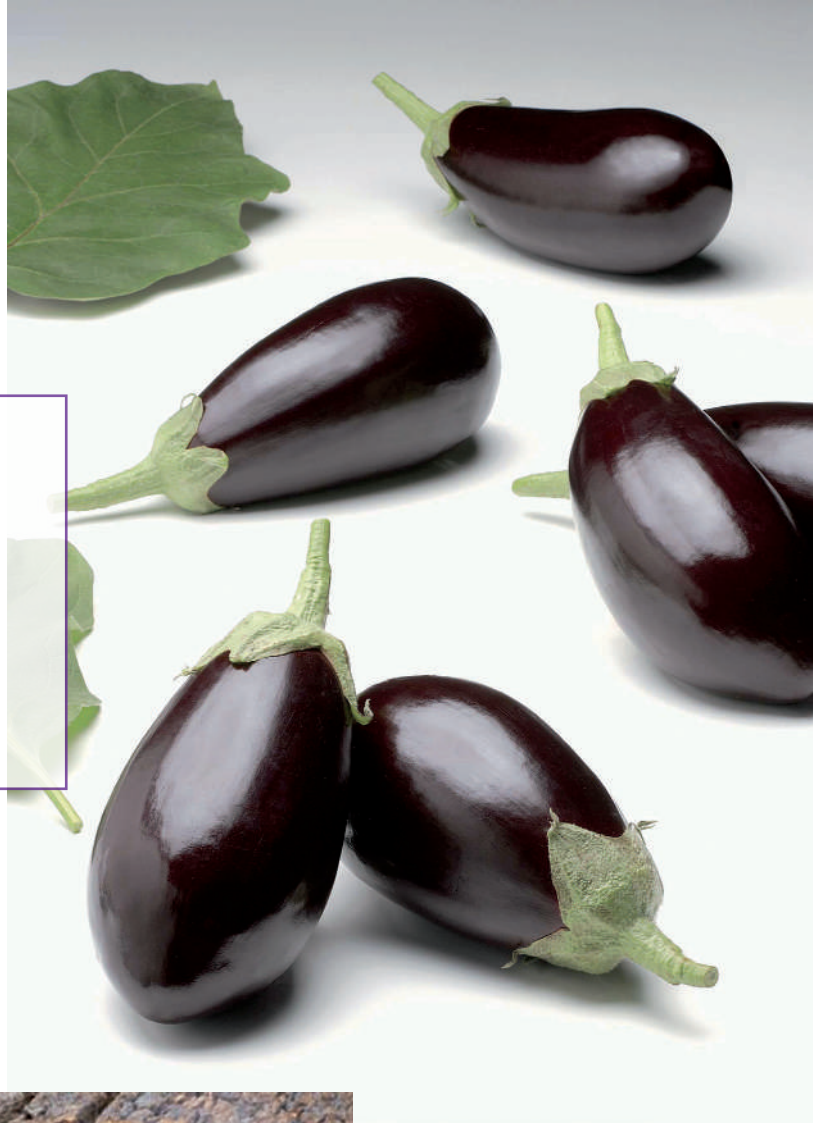


MULATA F1 (Half-long black)

- Plant with good vigor.
- Fruits with a half long shape, uniform, and a deep black color.
- Recommended for outdoor crop.

CALANDA F1 (Round)

- Plant with good vigor.
- Fruits with a half long shape, uniform, and a deep black color.
- Recommended for outdoor crop.



NEYLA F1 (Half-long graffiti)

- Plant with good vigor and fruit cover.
- Fruits with a half long shape, uniform, and a striped purple and white color.
- Productive variety with excellent fruit quality.

TIJUANA F1 (Long)

- Variety perfectly adapted for open field.
- Plants with a strong root system and excellent fruit cover.
- Fruits about 26 cm long and with a consistent diameter of about 6 cm and with an intense black and shiny color.



YUCATAN F1 (Long)

- Well adapted to open field crop, with planting date starting in March.
- Plants with strong roots, good leaf cover of the fruits.
- Long fruits with about 21-26 cm length, constant diameter about 6-7 cm, black color and good brightness.

SADE F1 (Half-long black)

- Early variety. Vigorous plant with an open habit.
- Large, semi-long fruit, dark, bright and with good consistency, very uniform. Calyx without spines.
- Reaches a good weight while maintaining compactness. Produces very few seeds.
- For greenhouse cultivation.
- Very productive variety.



TINA F1 (Half-long black)

- Vigorous plant with short internodes and medium size leaves.
- Semi-long fruit, very consistent, intense shiny black and no thorns.
- Fares quite well in the hottest months of the year.
- Also maintaining production during winter months.
- Flowers fall easily, avoiding rotting problems.
- Recommended for early and mid-year sowing, and greenhouse farming in spring.



TURQUESA F1 (Half-long graffity)

- Vigorous plant with small leaves favoring ventilation.
- Very shiny oval fruits with intense purple stripes.
- Very consistent and tasty.
- Highly productive and no color loss during the cold months.

JASPE F1 (Half-long graffity)

- Vigorous plant with good setting.
- Purple and white striped shiny fruits. Very attractive.
- Half long shape about 20-22 cm long.
- Well adapted to greenhouse growing.
- Highly productive.

● ROOTSTOCK FOR EGGPLANT

TORPEDO

- Grants the plant with very good vigor.
- Excellent affinity with eggplant varieties.
- HR to Rs, V, Fol. IR to N.



VarIETY	Type	Habit	Shape	Color	Observations
ALEGRIA F1	Open field	Mean vigour	Half-long	Black and shiny	Good consistancy.
BRUJULA F1	Open field	Vigorous	Half-long	Black and shiny	Productive. A bit more round.
CALANDA F1	Open field	Vigorous	Round	Black and shiny	Quality fruits.
MULATA F1	Open field	Vigorous	Half-long	Black and shiny	Good setting.
NEYLA F1	Open field	Vigorous	Half-long	Graffity	Quality fruits.
TIJUANA F1	Open field	Mean vigour	Long	Black and shiny	Large with a consistant diameter.
YUCATAN F1	Open field	Mean vigour	Long	Black and shiny	Good consistancy.
JASPE F1	Greenhouse	Medium high vigour	Half-long	Rayada con brillo	Heavy and shiny.
SADE F1	Greenhouse	Vigorous	Half-long	Black and shiny	Good color and high production.
TINA F1	Greenhouse	Vigorous	Half-long	Black and shiny	Productive and good quality.
TURQUESA F1	Greenhouse	Mean vigour	Half-long	Black and shiny	Excellent color and very shiny.

LETTUCE



● OPEN BATAVIA



IRATXE **NEW**

- Batavia-type, light green, lobed leaves.
- Vigorous, uniform and compact plant.
- For transplanting in winter and spring.
- HR: BI (16-28,30-32), Nr0, TBSV and Fol1.



PARRALES **NEW**

- Batavia-type, medium to dark green.
- Vigorous plant with good volume, reaching a good weight.
- For autumn, winter, spring and early summer.
- HR: BI (16-28,30-32), Nr0, TBSV and Fol1.

● CLOSED BATAVIA



BEGOÑA

- Yellow Batavia. Vigorous plant with an abundant exterior foliage and blistered surface.
- Green-yellowish color.
- Compact head.
- For greenhouse crop in autumn-winter and in mild climates at the beginning of spring.
- For open air at the end of winter-spring.
- HR to BI (16, 19 and 21).

ESTIBALIZ

- Yellow Batavia.
- Plant with semi-crunchy and slightly blistered leaves, yellowish color.
- Compact head.
- Autumn and spring farming. In fresh areas, summer farming is possible.



● RED BATAVIA



MARAVILLA DE VERANO

- Red batavia type variety. Blistered leaves.
- Dark green color with anthocyanin pigmentation.
- Large, elongated head.
- For summer farming.
- Good resistance to bolting.



ACHERITO (Red) **NEW**

- Little gem type with red leaves.
- Lettuce with an intense red, stylish and with a good weight.
- For autumn, winter and spring transplants.
- Slow bolting and good tolerance to Tip Burn.
- HR to BI (16-35,37), Nr (0).

BRAZATO (Red) **NEW**

- Little gem type with red leaves.
- Stylish lettuce with intense red color and compact.
- For spring-summer transplants.
- Slow bolting and good tolerance to Tip Burn.
- HR to BI (16-35, 37), Nr (0).



ASPEN

- Little Gem type. Large, vigorous plant.
- Dark, slightly blistered leaves and a crunchy texture.
- Slender plant, compact at the base.
- Straight, well-formed gem, with good weight and overlap.
- For cultivation in winter.
- HR to BI (16-35).

CANDANCHU

- Little Gem type, large.
- Medium green blistered leaves with a crunchy texture.
- Straight, slender gem, compact at the base.
- Double-use, suitable both for gems and hearts, with excellent leaf removal.
- It has a high bolting and tip burn tolerance.
- For late autumn, winter and spring cycle.
- HR to BI (16-35, 37) Nr(0), TBSV, IR to Ss.



CERLER

- Little Gem type. Vigorous plant.
- Shiny, dark green, slightly blistered leaves with a crunchy texture.
- High, compact rosette which embraces the gem and keeps it closed.
- Large, compact gem, slightly rounded and with good overlapping.
- Stands out for its earliness and endurance in the field after ripening.
- Mainly for autumn, winter and spring.
- HR to BI (17-19, 22, 24, 25, 28-30, 33-35, 37), IR to Ss.

CHERRY

- Little Gem with excellent flavor.
- Medium to dark green color.
- Compact, well-proportioned head, medium blistered.
- For autumn, winter and early spring crop.



DOLOMITI

- Little Gem with compact rosette which embraces the gem very well texture.
- Gem compact at the base, good overlap, straight and with good weight.
- For late autumn, winter and spring cultivation.
- This lettuce is easy to de-leaf and is a great choice for hearts and gems. The rosette endures very well without opening.
- HR to BL (16-26,28,30,32).



ETNA

- Medium to dark shiny green colour.
- Little Gem with vigorous plant and a nice rosette.
- Wide and compact head covered with blistered leaves.
- HR to BL (16, 19 and 21).

GARBO

- Little Gem with vigorous plant of sufficient size and remarkable taste.
- Bright, medium to dark green.
- Tall, slender gem. Crunchy, blistered leaves.
- Spring-summer and early autumn crops.
- HR to BL (16,17,19,21,23,32), TBSV and Fol1. IR to Ss.



MARMOLADA

- Little Gem type.
- Dark green blistered leaves with crunchy texture.
- Compact rosette, wide at the base.
- Compact gem, tightly closed at the base, with leaves that overlap very well at the top.
- For late autumn, winter and early spring cultivation.
- HR to Bl (16-35), TBSV. IR to Fol1.



PINILLA

- Little Gem type. Vigorous plant.
- Medium green, blistered, crunchy leaves.
- Compact gem, good overlap, good weight.
- For spring cultivation and regions with mild winters.
- It gets very large at times, so the irrigation and application of fertilizers need to be controlled.
- HR to Bl (16-35), TBSV.

URBION

- Little Gem with good endurance in the field.
- Intense and bright, medium to light green.
- Compact gem with blistered leaves which overlap and cover it very well.
- Crops in autumn, mild winters and spring.
- HR to Bl (16, 19, 21) and Fol1.



Variety	Color	Growthcycle	Resistances	Observations
ACHERITO	Red	Autumn, winter and spring	Bl (16-35, 37), Nr (0)	For autumn, winter and spring.
BRAZATO	Red	Spring, summer	Bl (16-35, 37), Nr (0)	For spring and summer.
ASPEN	Dark green	Winter	Bl (16-35)	Crispy and vigorous. Perfect size.
CANDANCHU	Dark green	Autumn, winter and spring	Bl (16-35, 37) Nr (0), TBSV, Ss	High bolting and Tip Burn tolerance.
CERLER	Dark green	Autumn, winter and spring	Bl (17-19, 22, 24, 25, 28-30, 33-35, 37), Ss.	Early and excellent field endurance.
CHERRY	Medium to dark green	Spring, early summer and autumn		Excellent taste and a very nice shape.
DOLOMITI	Medium to dark green	Autumn, winter and early spring	Bl (16-26, 28, 30, 32)	Easy to de-leaf.
ETNA	Medium to dark green	Late autumn, winter and spring	Bl (16, 19, 21)	Vigorous plant.
GARBO	Medium to dark green	Spring, early summer and autumn	Bl (16, 17, 19, 21, 23 y 32) Fol 1, TBSV, Ss	High lettuce, good overlapping leaves. Excellent flavour.
MARMOLADA	Dark green	Late autumn, winter and early spring	Bl (16-35), TBSV Fol 1	Wide base with good overlapping leaves.
PINILLA	Medium green	Spring and soft winters	Bl (16-35), TBSV	Big size depending on the cycle.
URBION	Medium to light green	Autumn, winter and spring	Bl (16, 19, 21), Fol 1	Compact gem with good leaf overlap.



MONTERREAL

- Romaine type well-suited to both fresh sale and for industry.
- Dark green color.
- Upright, blistered, consistent, crunchy leaves with a high rosette.
- Crops in autumn-winter-spring.
- High twister tolerance.
- High bolting tolerance.
- HR to BI (16, 21, 23, 32), IR to Ss.

NAVACERRADA

- Vigorous romaine of a good size.
- Dark, blistered leaves with a crunchy texture.
- Straight gem and compact rosette.
- For cultivation at the end of autumn and in winter.
- Slender gem, ideal for bagging.
- HR to BI (18, 25, 30, 31). IR to Ss.



PANTICOSA

- Romaine with a closed gem and a good size.
- Dark green color.
- Erect, blistered, consistent, crunchy leaves.
- Autumn-winter cultivation.
- Reaches a good size at low temperatures.
- HR to BI (16, 21, 23, 32). IR to Ss.

Variety	Resistance	Type	Color	Observations
MONTERREAL	BI (16, 21, 23, 32), Ss	Romain	Dark green	Good attitudes for both fresh as well as industry.
NAVACERRADA	BI (18, 25, 30, 31), Ss	Romain	Dark green	Slender gem, ideal for bagging.
PANTICOSA	BI (16, 21, 23, 32), Ss	Romain	Dark green	Good size at low temperatures.



ASTUN

- Inverna type. Medium-sized plant.
- Compact rosette and straight gem.
- Yellow-green color.
- Leaves with full veins, good taste and texture.
- For cultivation at the end of spring and in summer.
- It has a high bolting and tip burn tolerance.
- HR to BI (20-22, 25, 27, 30, 31) and Nr(0), TBSV y Fol 1. IR to Ss.

BAQUEIRA

- Inverna type. Plant with compact rosette.
- Long, slender gem.
- Yellow-green color.
- Medium-blistered, marked leaves.
- For the cycle of summer and beginning of autumn.
- Very resistant to bolting and ribbing.
- HR to BI (16 - 18, 20 - 27, 30, 31). IR to Ss.





FORMIGAL

- Inverna type. Plant with compact rosette, straight gem and good closure.
- Yellow-green color.
- Medium-blistered leaves.
- For spring cultivation.
- High tip-burn tolerance.
- HR to BI (16-18, 20-27, 30, 31) TBSV, Fol 1 and Fol 4. IR to Ss.



ISASA

- Inverna type.
- The characteristics of the gem make it easy to deleaf.
- Yellow-green color.
- Compact gem with good overlap.
- Autumn and winter crops.
- HR to BI (22, 27, 30, 31), Fol 1 and Fol 4. IR to LMV.

Variety	Resistance	Type	Color	Observations
ASTÚN	BI (20, 22, 25, 27, 30, 31) y Nr(0),TBSV y Fol 1, Ss.	Inverna	Yellow green	High bolting and Tip Burn tolerance
BAQUEIRA	BI (16, 18, 20 - 27, 30, 31), Ss.	Inverna	Yellow green	Very resistant to bolting and ribbing.
FORMIGAL	BI (16-18, 20-27, 30, 31) TBSV, Fol 1, Fol 4, Ss.	Inverna	Yellow green	Good Tip-Burn tolerance.
ISASA	BI (22, 27, 30, 31), Fol 1 y Fol 4, LMV.	Inverna	Yellow green	Compact gem with good overlap..

MELON



● YELLOW CANARY

DON GARCÍA F1 **NEW**

- Yellow canary type with an early cycle and grouped ripening.
- Medium vigor plant with easy setting.
- Oval shaped fruit, with a slightly rubbed skin and attractive yellow color.
- Between 1.2 and 1.8 kg.
- White and with good consistency on the inside when reaching 14.5 to 15 °Brix.
- HR a Fom: 0,1. IR a Px: 1,2.



ONION



● ONION LONG DAY

BLANCA GRUESA DE FUENTES

- Vigorous plant and strong leaf.
- Spherical globular shape.
- Great volume that can reach up to 400-500 g. of weight and has a yellowish white color.
- Semi-early cycle.
- For fresh or short conservation. It has a medium consistency and a sweet flavor.

BLANCA TARDIA DE LERIDA

- Vigorous plant with strong foliage.
- Rounded shaped bulb around 300 g, white flesh and silvery skin.
- Early cycle.
- Short storage after harvest. Very suitable for "calçots" (local spring onion variety).

CICLOPE - Protected

- Valenciana Tardía" type variety for export.
 - Vigorous plant, with dark green foliage.
 - High percentage of bulbs with a single central stem.
 - Spherical shape and a low percentage of double onions.
 - Multiple layers and copper brown color.
- Weight: 200-400 g.
- Semi-late cycle.
 - Excellent storage.

COLORADA DE FIGUERAS

- Good vigor plant.
- Flat shaped bulb and pinkish membrane.
- Weight: 160-200 g.
- Early cycle.
- Up to 3 months of conservation. Nice color.



MORADA DE AMPOSTA

- Vigorous plant with long stem.
- Bulb with red exterior and soft purple interior color.
- Semi-early cycle.
- Good consistency and conservation.



VALENCIANA TARDIA DE EXPORTACION SELECCION "RITA"

- "Valenciana Tardia" selection for export.
- Vigorous plant with dark green foliage.
- Spherical-slightly flattened bulb, copper brown, quite dark.
- With enough protective coats, slim neck and very good consistency. Weight: 200-400 g.
- Late cycle.
- Excellent conservation.

AMARILLA PAJA VIRTUDES

- Plant with good appearance and adequate stem.
- Variety with a spherical flattened shape, yellow color and average weight of 160-200 g.
- Late cycle.
- Good conservation.



BABOSA

- Strong stem plant with excellent appearance and good neck for bunching.
- Spherical-conical inverted bulb, golden skin, white yellowish flesh.
- With greenish ribbing, golden skin and sweet flavor.
- Weight: varies between 200 and 450 g according to area and farming.
- Semi-early cycle.
- Short conservation onion that may be cultivated for fresh chives.



TURMALINA - Protected

- Plant with good vigor.
- Bulb with round shape and pinkish color layer.
- Average fruit weight of 160-200 g.
- Early cycle.
- Up to 3 months of conservation.
Appealing pinkish color.

Variety	Cycle	Shape	Color	Storage	Comments
BLANCA GRUESA DE FUENTES	Long day		Yellowish -white	Short	Sweet flavour. Excellent for fresh consumption.
BLANCA TARDIA DE LÉRIDA	Long day		White	Short	For calçots.
CICLOPE	Long day		Redish brown	Very good	With one single centre. Excellent conservation.
COLORADA DE FIGUERAS	Long day		Pink- red	Good	Attractive pink color.
MORADA DE AMPOSTA	Long day		Redish	Short	Good consistancy.
RITA	Long day		Redish brown	Very good	Attractive exterior color.
AMARILLA PAJA VIRTUDES	Short day		Brown	Good	Good conservation.
BABOSA	Short day		Yellowish-white	Short	Excellent taste. Bunching onion.
TURMALINA	Short day		Pink	Short	Good interior red color.

PEPPER



● YELLOW BLOCKY FOR OPEN FIELD



MINGOTE F1

- Vigorous plant, with medium length internodes.
- 3-4 lobed fruit, about 9-10 cm long and 9-10 cm of diameter with intense yellow color.
- HR to Tm: 0-3. IR to TSVW.

● RED BLOCKY FOR OPEN FIELD

ALCANTARA F1

- Vigorous plant with good setting, compact and with good leaf coverage.
- Long square-shaped fruit, about 11-12 cm long and 10-11 cm wide, with a weight of 275-325 g.
- HR to Tm: 0.



● RED BLOCKY FOR OPEN FIELD

ESPINOSA F1

- Red California pepper variety for open field crop.
- Plant with a medium vigor, short internodes and a good foliar coverage.
- Square-shaped fruits, with thick walls, good color and G-GG size.
- HR to Tm: 0-3. IR to TSWV.



MEROÑO F1 **NEW**

- Vigorous plant with good fruit coverage. Easy setting.
- Early cycle.
- Smooth-walled fruit, well formed, size GG, with thick wall.
- Good color in both green and red, which colors evenly.
- For early open field.
- HR a Tm: 0-3 y Xcv (0,1,4,7,9). IR a TSWV.





GARBINO F1

- Medium vigor plant.
- 3-4 lobed square shaped fruit, with a diameter of about 8 cm.
- Excellent green and red color.
- HR to Tm: 0. IR to TSWV.

JONAS F1

- Vigorous plant with very good setting.
- Large size fruit, from 9-10 cm long, 8-9 cm in diameter and with a weight of 250-330 g.
- Intense red color, with thick and consistent flesh.
- Medium cycle.
- Stands out for its even maturity. For fresh market and processing.



TESON F1

- Vigorous plant with semi-openhabit, strong main stalk.
- Square shaped fruit, 9-10 cm long and 8-9 cm in diameter.
- Intense red color at maturity.
- Thick and firm flesh, very consistent.
- Medium late cycle.
- HR to Tm: 0-2. IR to TSWV.

● KAPIA

GAITANES F1

- Kapia type for open field and greenhouse farming in spring.
- Plant with a good vigor and excellent cover.
- Big two-sided fruits of about 18-19 cm long and 5.5-6.5 cm wide.
- About 160 g and very smooth.
- Intense red color.
- Semi-early cycle.



MARMARA F1

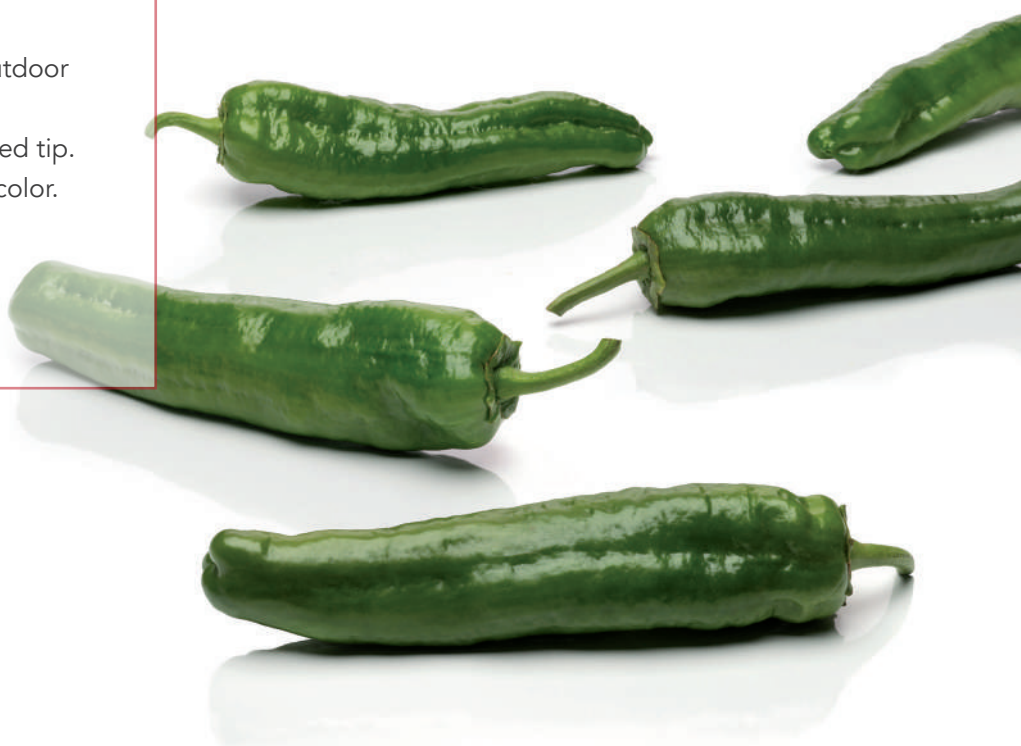
- High vigor plant, with good coverage.
- Fruit of large caliber.
- With 2-3 lobes and 18 to 20 cm long and 5 to 6 cm in diameter.
- Average weight of about 150 g.
- Smooth and shiny surface of dark green or intense red color.
- Semi-early cycle.



● SWEET ITALIAN FOR OPEN FIELD

EBOLI F1

- Medium vigor plant, suitable for outdoor or greenhouse farming in spring.
- Fruit of 16-18 cm in length, 2-3 lobed tip. Slightly rough surface and intense color.
- Very productive.
- HR to Tm: 0-2 and PVY (0).
IR to TSWV.





ALCAZABA F1

- Suitable for outdoor farming.
- Vigorous plant with wide leaves which cover the fruits very well.
- Fruits 15-19 cm long and 9-11 cm in diameter, 3-4 lobed.
- Thick flesh 6-7 mm thick, smooth and very consistent intense red color.
- Semi-early cycle.
- Also for green harvest.

BARBERITO F1

- Variety suitable for open field and greenhouse farming in spring.
- Medium-high vigor plant.
- Fruit 16-18 cm long and a weight of about 300-375 g.
- With good color in green and red. Thick wall.
- Medium precocity.
- Uniform and high-quality fruit.



CABAÑEROS F1

- Suitable for outdoor farming.
- Vigorous plant with well-covered fruits and very good setting.
- Rectangular fruits of large size, 15-20 cm long and 7.5 - 8 cm in diameter.
- Reaching a weight of 300-350 g.
- Intense red flesh and thick wall, of 5-6 mm.
- Early cycle.
- Stands out for its size.

● LAMUYO FOR OPEN FIELD



JERTE F1

- Short Lamuyo type for open field.
- Vigorous plant with good fruit cover.
- Fruit with a rectangular, somewhat trapezoidal shape, intense red color and very consistent.
- About 12 -14 cm long and 9-11 cm wide and a weight of between 285-335 g.
- Semi early but very productive.
- HR to Tm: 0-3. IR to TSWV.

MEDULAS F1

- Vigorous plant with good coverage, compact and excellent setting.
- Small Lamuyo type, 15-16 cm long and rectangular.
- Very uniform and with an intense red color, smooth surface and solid.
- Early cycle.
- HR to Tm: 0-3 and Xcv (0-3, 7, 8), IR to TSWV.



NESTARES F1

- Medium to high vigor plant, with good coverage, for outdoor farming.
- Rectangular, somewhat trapezoidal shaped fruit with heavy wall and deep red color.
- Average weight of 250-300 g, 14-15 cm long and 9-10 cm in diameter.
- Semi-early cycle and highly concentrated production.
- HR to Tm: 0-3. IR to TSWV.

SORZANO F1

- Very vigorous plant with good coverage and setting.
- Recommended for greenhouse and open field farming in spring.
- Rectangular shaped fruit of about 16 to 17 cm long and a weight of 300-375 g.
- Thick wall and smooth surface. Very uniform.
- Semi-early cycle and very productive.
- HR to Tm: 0-3. IR to TSWV.



VIRIATO F1

- Open field variety.
- Very vigorous plant with abundant foliage.
- Very large fruit, 15-19 cm long and 9-10 cm diameter, with a weight of 300-450 g.
- Very thick, deep red flesh and smooth wall.
- Semi-early.



Varuety	Type	Resistances	Cycle	Fruto					Observations
				Color	Length (cm)	Diámetro (cm)	Weight (g)	Size	
MINGOTE F1	Yellow blocky	Tm: 0-3, TSWV	Early	Intense yellow	9-10	9-10			Good capacity for resprouting.
ALCÁNTARA F1	Red blocky	Tm: 0	Early	Intense red	11-12	10-11	275-325		Thick walls and early.
ESPINOSA F1	Red blocky	Tm: 0-3, TSWV	Semi-early	Intense red				G-GG	Short internodes and good cover.
GARBINO F1	Red Blocky	Tm: 0, TSWV	Semi-early	Intense red	10-11	8-9	225-275	G-GG	Good color in red and green.
JONAS F1	Red blocky		Semi-early	Intense red	9-10	8-9	250-330		Uniform ripening.
MEROÑO F1	Red blocky	Tm:0-3 y Xcv (0,1,4,7,9). IR a TSWV.	Early	Intense red				GG	Productive with good fruit quality.
TESON F1	Red blocky	Tm: 0-2, TSWV	Semi-early	Intense red	9-10	8-9			Very consistent. Also for winter.
GAITANES F1	Kapia		Semi-early	Intense red	18-19	5,5-6,5	+/- 160		Big kapia with good fruit quality.
MARMARA F1	Kapia		Semi-early	Intense red	18-20	5-5,6	+/- 150		Productive and with good quality.
EBOLI F1	Sweet italian	Tm: 0-2 y PVY (0), TSWV	Early	Intense green	16-18		120-193		Slightly rough surface and a lobed tip.
ALCAZABA F1	Red lamuyo		Semi-early	Intense red	15-19	9-11			Thick walls, very consistent and smooth surface.
BARBERITO F1	Red lamuyo		Medium	Intense red	16-18		300-375		Good color in green and red.
CABAÑEROS F1	Red lamuyo		Early	Intense red	15-20	7,5-8	300-350		Big size and very uniform.
JERTE F1	Red lamuyo	Tm: 0-2, TSWV	Semi-early	Intense red	12-14	9-11	285-335		Consistent and productive.
MEDULAS F1	Red lamuyo	Tm: 0-3, Xcv (0-3, 7, 8), TSWV	Semi-early	Intense red	15-18	10-11	250-380		Smooth surface and very consistent.
NESTARES F1	Red lamuyo	Tm: 0-3, TSWV	Early	Intense red	14-15	9-10	250-300		Concentrated production.
SORZANO F1	Red lamuyo	Tm: 0-3, TSWV	Semi-early	Intense red	16-17	10-11	300-375		Excellent fruit quality and concentrated production.
VIRIATO F1	Red lamuyo		Early	Intense red	16-17	10-11	300-450		Very vigorous, good leafcover.

● CHILLI PEPPER FOR GREENHOUSE



RED FLAME F1



- Medium to high vigor variety and medium coverage.
- Fruits of about 10 to 13 cm, ending in a tip, intense green or red color when mature and a good consistency.
- For transplanting in greenhouse.
- HR to Tm 0-2
- Uniform size along the whole growth cycle, perfect for bagging.

RED HOT F1



- Plants of a medium to high vigor.
- Fruits between 13 and 17 cm long and with a diameter of 2.5-3.5 cm, intense green and red color but recommended for green harvesting. Consistent fruits.
- For transplanting in greenhouse.
- HR to Tm:0-2.
- Very productive when harvested in green.



● ORANGE BLOCKY FOR GREENHOUSE



KUMAN F1

- Plant with medium-high vigor and good coverage.
- Fruit 8 cm long and 8-9 cm diameter, with a high percentage of GG and G sizes and a weight of around 200-230 g. Intense orange color and good consistency.
- For transplanting in greenhouse.
- Resistance: HR to Tm 0-3, IR to TSWV
- Absence of silver shoulder color defect. High yield.

● YELLOW BLOCKY FOR GREENHOUSE

MOSCATO F1 **NEW**

- Variety with intermediate vigor, intermediate length internodes, semi-open habit and intermediate leaf cover.
- Fruits with a lemon yellow color, good consistency and shiny.
- HR to Tm 0-3 IR to TSWV.



VERDEJO F1

- Greenhouse variety.
- Semi-open plant with a good coverage, good behavior with heat.
- Consistent fruit, 8-9 cm of diameter and square shaped.
- Medium yellow color, easy for hand picking.
- HR to Tm: 0-3. IR to TSWV.

SORAYA F1

- Greenhouse variety.
- Vigorous plant, with an open habit, strong root system, short internodes and good setting.
- 3 to 4 lobed fruits with a good consistency.
- HR to Tm: 0-3. IR to TSWV.



ENOL F1

- Medium vigor plant with intermediate internodes and easy setting.
- 3-4 lobed fruits, intense red and shiny color. Average weight of about 200 g.
- Absence of silvering and microcracking, very productive.
- HR to Tm: 0-3. IR to TSWV.

ISABEL F1

- Medium vigor plant with high production.
- Square shaped fruit 8-9 cm in diameter, dark green and intense red when mature.
- Thick wall.
- Good homogeneity and fruit quality throughout the growing season.
- HR to Tm: 0-3. IR to TSW.

ERCINA F1

- Plant with a medium-high vigor.
- Fruits of an attractive red color, with a high percentage of GG sizes and 3-4 lobes.
- For medium and late transplants, in greenhouse.
- Very productive.
- HR to Tm: 0-3. IR to TSWV.



MAURICIO F1

- Plant with a medium vigor.
- Early and medium transplants are recommended.
- High quality of the fruit, with and intense and bright color.
- HR to Tm: 0-3. IR to TSWV.

● RED BLOCKY FOR GREENHOUSE



MENES F1

- Medium-vigor plant with semi-open stance and good leaf cover, with medium internodes.
- Fruit 240-280 g in weight, with a high percentage size G, medium consistency, 3-4 locules and deep red color.
- For transplanting in greenhouse.
- Absence of silver shoulder color defect.
- Easy setting in heat.
- HR to Tm: 0-3. IR to TSWV/Lt/N.

MERLOT F1

- Plant with a medium-high vigor and short internodes.
- Square shaped fruit, 8-9 cm long and wide with a smooth skin and good consistency.
- Attractive green and intense red color at maturity.
- HR to Tm: 0-3. IR to TSWV.

PITON F1

- Medium to low vigor plant with an open habit and intermediate internodes.
- Medium sized fruits of about 200-230 g in weight and a nice red color.
- For mid cycle, transplanting in greenhouse in Almeria.
- HR to Tm: 0-3. IR to TSWV and Lt.

SARIÑENA F1

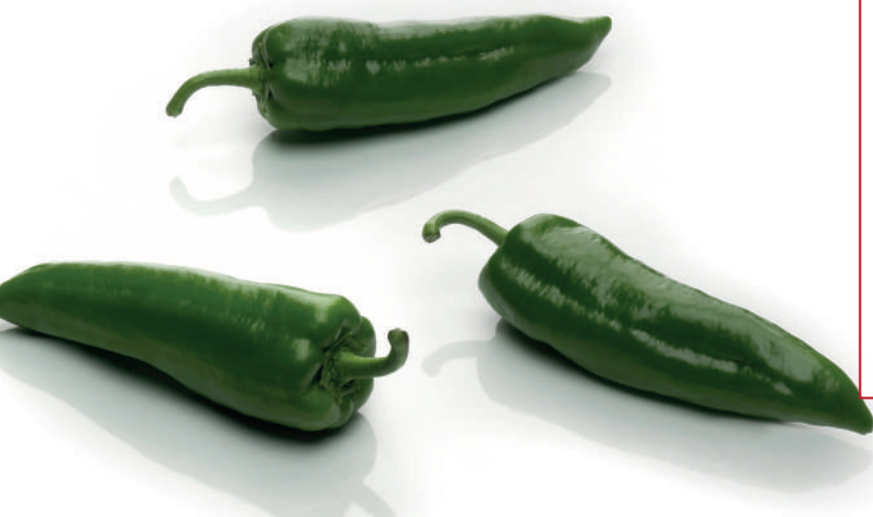
- Variety suitable for greenhouse crop.
- Plant with a medium-low vigor, of easy setting, very aerated and does not need deleafing. Semi-open habit.
- Homogeneous fruits (mainly of G size) perfect for export, square-shaped with an intense red color, very attractive green and with good brightness. Easy to harvest due to the length of its peduncle that allows for harvest when green as well as red. Almost total absence of silver shoulders.
- For early transplants in greenhouse.
- HR to Tm: 0-3. IR to TSWV: 0



GRACIANO F1

- Plant with short internodes.
- Square shaped fruit, 10-11 cm long and 8-9 cm in diameter, average weight of about 230 g.
- HR to Tm: 0-2. IR to TSWV.
- Recommended for green harvest.

● CONICAL PEPPERS FOR OPEN FIELD



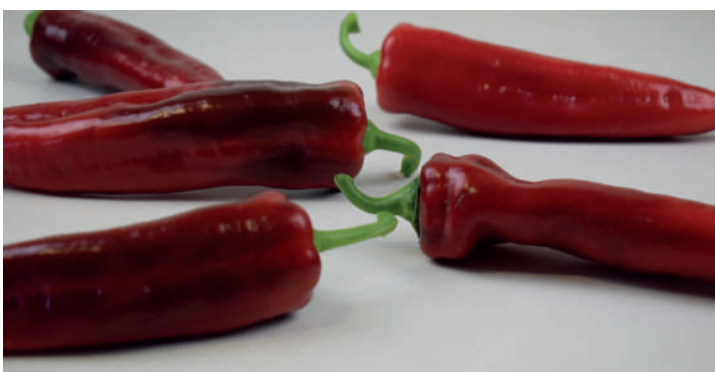
MACHIN F1

- Recommended for open field.
- Plant with a good vigor.
- Fruits with a conical shape, 13-18 cm long and 4-4.5 cm wide and 65-95 g and ending in a tip.
- Smooth surface and medium green color and a good consistency.
- Early cycle.
- HR to Tm: 0.

● CONICAL PEPPERS FOR GREENHOUSE

KAMET F1

- Medium vigor plant with long internodes and medium coverage.
- Very uniform fruit with good consistency. 15 cm long, ending in a point, deep red in color and with a thick wall.
- For transplanting in greenhouse.
- Resistance: HR to Tm 0-3, IR to TSWV.
- Fruit. Perfect size for bagging.



MONSTER F1

- Medium vigor variety, semi-open stance and medium internodes.
- Medium-red fruit, high shine, ending in a point, around 150-190 g.
- For transplanting in greenhouse.
- HR to Tm 0-3, IR to TSWV.

VALROYO F1

- Greenhouse variety.
- Semi-open plant habit, with medium length internodes.
- Conical fruit with smooth surface.
- Length up to 22 cm and a diameter of about 6 cm.
- Very nice red color.
- IR to TSWV.
- Stands out for its fruit quality and excellent sweet flavor.



● LAMUYO FOR GREENHOUSE



QUIJANO F1 **NEW**

- Lamuyo red.
- Plant with medium-high vigor, semi-open stance and medium internodes.
- Medium-red fruit. 18-20 cm long and 10-11 cm wide.
- For late cycle, transplanting in greenhouse.
- HR to Tm 0-3, IR to TSWV.

● PADRON TYPE

CELTA F1

- For greenhouse and outdoor farming. Early.
- Compact plant with medium length internodes.
- Fruits 3-5 cm long and 2-2.5 cm in diameter, normally 3-4 lobed.
- Excellent flavor. Sweet.

MUXIA F1

- For both open field and greenhouse.
- Compact plant, vigorous and with a good setting.
- Fruits of 9x3 cm, with a thin skin and dark green color, with a tendency to end in a tip.
- Not spicy.
- HR a Tm 0-3. IR a TSWV.

PADRON

- For greenhouse and outdoor farming.
- Plant with short internodes and small leaves.
- Conical or truncated-conical shaped fruit.
- With a length of 3-5 cm and 2-2.5 cm in diameter, slightly rough or wrinkled.
- Eaten green with a very small size. Contains capsaicin (spicy).



AR-37900 F1

- Padron type, hot. For greenhouse and open field cultivation.
- Strong, vigorous plant with medium-short internode and high setting ability.
- Fruit 3-5 cm long and 2-2.5 cm in diameter, slightly ribbed and ending in fleshy cross.
- Deep green with great shine.
- HR to Tm 0-2, IR to TSWV.



● CRYSTAL TYPE



BOHEMIA F1

- Recommended for greenhouse and outdoor farming.
- Medium vigor plant with closed habit and very good setting.
- 2-3 lobed fruit.
- With smooth surface and medium dark green color and about 12-13 cm in length.
- Excellent productivity, special flavor for frying when green.
- HR to Tm: 0-2. IR to TSWV.

● SWEET ITALIAN FOR GREENHOUSE

RIGOLETTO F1

- Very early in spring transplants.
- Medium vigor, slow growing plant, with easy setting.
- Long fruit, 22-25 cm long, with fine wall and a lobed tip.
- Dark green and shiny wall.
- HR to Tm: 0-2. IR to TSWV.



SALVATORE F1 **NEW**

- Plant with a medium-high vigor.
- Sweet Italian type with medium roughness ending in a tip. Intense and shiny green in color.
- Recommended for late transplants.
- HR to Tm: 0-2. IR to TSWV.
- Great quality fruit, even in mid-winter.
- Very productive variety.

VEGAS F1

- Vigorous plant with good setting in early transplants.
- Fruits of 23-27 cm long, straight and smooth.
- Dark green color.
- HR to Tm: 0-2. IR to TSWV.



SWEET ITALIAN FOR GREENHOUSE

VINCI F1

- Medium vigor plant with good setting.
- Fruits of 20-25 cm long, straight with a wrinkled surface and fine wall.
- Dark green shiny color.
- HR to Tm: 0-2. IR to TSWV.



Variety	Type	Resistances	Cycle	Fruto					Observations
				Color	Length (cm)	Diameter (cm)	Weight (g)	Caliber	
MOSCATO F1	Yellow Blocky	Tm: 0-3, TSWV	Mid	Lemon yellow				G-GG	Little yellow color and very productive.
SORAYA F1	Yellow Blocky	Tm: 0-3, TSWV		Intense yellow				G-GG	Good setting and consistency.
VERDEJO F1	Yellow Blocky	Tm: 0-3, TSWV	Mid-late	Intense yellow				G	Good size and excellent quality.
ENOL F1	Red Blocky	Tm: 0-3, TSWV	Mid-late	Intense red				G-GG	Very productive variety.
ERCINA F1	Red Blocky	Tm: 0-3, TSWV	Mid-late	Intense red				GG	Very productive.
GRACIANO F1	Red Blocky	Tm: 0-2, TSWV	Early-Mid	Intense red	10-11	8-9	230		For harvesting in green.
ISABEL F1	Red Blocky	Tm: 0-3, TSWV	Spring	Intense red				GG	Quality with a stick wall.
MAURICIO F1	Red Blocky	Tm: 0-3, TSWV	Early-Mid	Intense red				GG	Shiny color and good quality
MENES F1	Red Blocky	Tm: 0-3, TSWV, N, Lt	Early-Mid	Intense red				G-GG	Little yellow color and very productive.
MERLOT F1	Red Blocky	Tm: 0-3, TSWV	Mid-late	Intense red				G-GG	Good setting and consistency.
SARIÑENA F1	Red Blocky	Tm: 0-3, TSWV	Early	Intense red				G	Easy recollection.
PITON F1	Red Blocky	Tm: 0-3, TSWV, Lt	Mid-Early	Medium red			200-230	G	Very easy setting.
KUMAN F1	Orange Blocky	Tm: 0-3, TSWV	Early	Orange				G	Perfect size.
MACHIN F1	Conical	Tm: 0	Early	Medium green	13-18	4-4,5	65-95		Good quality.
KAMET F1	Conical	Tm: 0-3, TSWV	Late	Red	15				Perfect for bagging.
MONSTER F1	Conical	Tm: 0-3, TSWV	Late	Red			150-190		Very good taste.
VALROYO F1	Conical	TSWV	Late	Intense red	hasta 22	+/- 6			Very sweet.
QUIJANO F1	Red Lamuyo	Tm: 0-3, TSWV	Semi-Early	Medium red	18-20	10-11	300-375		Concentrated production.
BOHEMIA F1	Crystal	Tm: 0-2, TSWV	Early	Dark green	12-15				Special for frying.
RIGOLETTO F1	Sweet Italian	Tm: 0-2, TSWV		Dark green	22-25				Thin walls, rubbed surface and lobed tip
SALVATORE F1	Sweet Italian	Tm: 0-2, TSWV	Late	Dark green	20-22				Very productive.
VEGAS F1	Sweet Italian	Tm: 0-2, TSWV		Dark green	23-27				Excellent responting.
VINCI F1	Sweet Italian	Tm: 0-2, TSWV		Dark green	20-25				Traditional sweed italian with excellent quality.
MUXIA F1	Padron	Tm: 0-3, TSWV		Intense green	3-5	2-1,5			Not spicy. With resistences.
CELTA F1	Padron		Early	Medium green	3-5	2-2,5			Excellent taste. Not spicy.
PADRÓN	Padron			Medium green	3-5	2-2,5			Sometimes spicy. Contains Capsaicin.
AR-37900 F1	Padron	Tm: 0-2, TSWV		Intense green.	3-5	2-1,5			Contains Capsaicin. Spicy
RED FLAME F1	Chili	Tm: 0-2		Intense green and red	10-13				Perfect for bagging
RED HOT F1	Chili	Tm: 0-2		Intense green and red	13-17	2,5-3,5			PVery productive





CIERZO F1

- Vigorous plant with very good coverage.
- Conical shaped fruit.
- About 7-9 cm long and 7-8 cm wide, and weight of 170-190 g.
- Very thick flesh and good color.
- Early cycle.
- HR to Tm: 0.

CORERA F1

- Vigorous plant that covers the fruit very well.
- Triangular shaped fruit, about 11-14 cm long and 6.5-7 cm wide, with a weight of 180-230 g.
- Intense thick wall, of 6-7 mm. Very consistent.
- Semi-early cycle.
- It has little placenta and fine peduncle which facilitates processing.



RODIEZMO F1

- Corera type for outdoors. Semi-early.
- Vigorous plant, compact, with medium internodes, which covers the fruit well.
- Fruit of conical shape, pointed, and wide head.
- With smooth walls and very thick flesh, about 8-9 mm. Intense red color. 230-260 g in weight, 15-17 cm in length and 9 cm in width. Very uniform.
- Very productive variety. Suitable for freezer industry for its shape and yield.

SANTACARA F1 **NEW**

- Yellow Corera type for open field.
- Vigorous plant with good coverage.
- Corera type fruit, 200 g medium weight, elongated heart shape and light-yellow color when ripe.
- Variety suitable for freezing.
- HR to Tm: 0 and PVY 0. IR to TSWV.



● PEPPER FOR INDUSTRY - PAPRIKA

CAPRI

- Elongated fruit variety, about 16 to 20 cm long and about 3 cm wide.
- Medium thick wall that favors drying.
- Reaches high levels of ASTA degrees, according to growing conditions.
- It can produce low levels of capsaicin.



JARANDA

- Agridulce de la Vera variety. Obtained by the Junta de Extremadura.
- Vigorous plant with intense green colored leaves.
- Fruits 15-18 cm long, narrow and pointy tips.
- Excellent red color. Stands out for its dry material content.
- Capsaicin free.
- Early cycle.
- Grouped maturity, suitable for mechanical harvesting.
- Suitable for grounded and whole dried fruits. Stands out for its aroma and even color.

ÑORA

- Medium to high vigor plant.
- Flattened fruit with 3-4 lobed and slightly wrinkled surface.
- Medium red, shiny color.
- Late cycle.
- Suitable for grounded and whole dried fruits.
- Stands out for its aroma and even color.



TIETAR F1

- Premature and productive hybrid.
- Vigorous plant with good setting.
- Fruit 16-18 cm long and 3 cm wide, with pointy tip and thick wall.
- High level of ASTA degrees.
- Early cycle.
- Grouped maturity, suitable for mechanical harvesting.

● PEPPER FOR INDUSTRY - PIQUILLO



ARCA F1

- Very early and productive.
- Extremely vigorous plant with good coverage and excellent setting.
- Two-sided fruit, uniform, large size.
- 9-11 cm long and 5-7 cm in diameter, with a weight of 40-50 g.
- Very intense red color.
- Recommended in areas where Piquillo peppers remain small.

PIQUILLO

- Vigorous plant with good coverage.
- Two-sided fruit (some three-sided).
- 7-9 cm long and around 5 cm wide, with a weight of 35-45 g.
- Early cycle.
- Fine flesh, intense red color and slight capsaicin content.
- Excellent quality for processing.

● ROOTSTOCK FOR PEPPER

OSCOS F1

- Rootstock with excellent radicular development that provides great vigor to the crops.
- Very good affinity with the different pepper varieties.
- Favors the formation and structure of the plant with a good fruit quality.
- Good tolerance to root asphyxia due to waterlogging.
- HR to Tm: 0. IR to Pc and N.



TOMATO



● TOMATO UNDETERMINED FLAVOUR



IRATI F1

- For greenhouse and open field farming.
- Medium vigor plant with an open habit and good leaf cover.
- Marmande type fruits. Multilocular and a ribbed flat shape.
- Big sized of about 350 g and a small peduncular scar.
- Intense green shoulders and a very good taste

COVADONGA F1

- Medium vigor plant with and open habit.
- Round bulbous shaped fruit (Valenciana type) with tight shoulders and a little ribbed. Multilocular.
- Big tomatoes: 400-450 g. Small peduncular and pistillar scar.
- Good color, with green shoulders.
- Fleshy tomato of medium consistency and extraordinary taste.
- For open field and greenhouse farming.

Variety	Type	Cycle	Color	Shape	Weight (g)
IRATI F1	Marmande	Short	Red	Flattened	325-400
COVADONGA F1	Valenciano	Short	Red	Round	400-450

RESISTANCE TABLE

Variety	Code*	Cientific name
BEANS	BCMV	Bean common mosaic virus
	BCMNv	Bean common mosaic necrosis virus
LETTUCE	Ss	Sphingomonas suberifaciens (ex Rhizomonas suberifaciens)
	Bl	Bremia lactucea
	Fol	Lettuce mosaic virus
	Nr	Nasonovia ribisnigri
	LMV	Lettuce mosaic virus
	TBSV	Tomato Bushy Stunt Virus
	Fom	Fusarium oxysporum f. sp. melonis
MELON	Px	Podosphaera xanthii (ex. Sphaerotheca fuliginea)
	MNSV	Melon Necrotic Spot Virus
	PVY	Potato Y virus
PEPPER	N	Meloidogyne
	Tm:0-3	Tobamovirus (PMMoV)
	TSWV	Tomato spotted wilt virus
	Xcv	Xanthomonas campestris pv. vesicatoria
	Lt	Leveillula taurica (anamorph: Oidiopsis sicula)
	Ma	Meloidogyne arenaria
	Mi	Meloidogyne incognita
	Mj	Meloidogyne javanica
	Tm	Tobamovirus (ToMV, TMV, PMMoV)
	Pc	Phytophthora capsici
PEPPER ROOTSTOCK	N	Meloidogyne arenaria
	Rs	Verticillium dahliae
	V	Verticillium albo-atrum
EGGPLANT ROOTSTOCK	Fol	Meloidogyne arenaria
	N	Meloidogyne incognita

* Based on Euroseeds.
The information contained in this catalogue does not constitute any guarentee of result.

EUROSEEDS VEGETABLE SEED PRODUCT SPECIFICATIONS AND GENERAL DEFINITIONS



EUROSEEDS VEGETABLE SEED PRODUCT SPECIFICATIONS

These product specifications for germination of precision seeds, varietal purity of precision seeds and seed health requirements are based upon Euroseeds recommended standards. These product specifications are not meant to be absolute minimum standards for delivery. If the quality tests of RAMIRO ARNEDO S.A. indicate a lower quality-level than given in these specifications, RAMIRO ARNEDO S.A. will inform prospective seed users. This communication is aimed at informing professional seed users about the quality they can expect, so they can make their own assessment and decide if these seeds meet their requirements.

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 RAMIRO ARNEDO S.A. has made up quality standards for the various seed categories. The germination percentages mentioned are RAMIRO ARNEDO S.A. minimum required figures and made up according to ISTA methods and tolerances.

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 EC 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.

Film coating

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

Glue coating

Glue coating is a process which fixes the applied crop protection products in an almost dust free manner to the seed. A pigment may be added.

Germination

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

Varietal purity

Varietal purity rate is defined as: the percentage of plants from a seed lot that meets the variety description.



PRODUCT SPECIFICATIONS OF PRECISION SEEDS AND RECOMMENDATION ON SEED HEALTH REQUIREMENTS



GERMINATION

Crop	Minimum % germination for precision seeds
CLIMBING BEAN	95
CELERY / CELERIAC	90 (pellets: 90%)
EGGPLANT	90
LETTUCE (Butter head, Batavia, Iceberg, Cos)	93 (pellets: 95%)
LETTUCE (Other types)	93 (pellets: 95%)
MELON (Charentais type)	93 (pellets: 95%)
MELON (Other types)	93 (pellets: 95%)
ONION (bulb) Seed size gradation: 2,00 - 2,75 mm 1 unit: 250.000 seeds	90
ONION (bunching) Seed size gradation: 0,25 mm 1 unit: 250.000 seeds	90
SWEET / HOT PEPPER	90
TOMATO	92

VARIETAL PURITY

Crop	Minimum % germination for precision seeds
EGGPLANT	98
LETTUCE (Butter head, Batavia, Iceberg, Cos)	98
LETTUCE (Other types)	98
PEPPER	97
TOMATO (Fresh)	98

RECOMMENDATION ON SEED HEALTH REQUIREMENTS

In order to supply sufficiently healthy vegetable seeds and in order to meet the requirements of EU Council Directive 2002/55/EC, RAMIRO ARNEDO S.A. uses various disease risk management strategies to prevent and control seed transmitted diseases. These may include and are not limited to seed health testing programs, protected seed production, field inspections, seed treatments and other effective seed disinfection methods. ISHI-VEG has developed the Manual of Seed Health Testing Methods, which includes state of the art seed health testing protocols.

RAMIRO ARNEDO S.A. follows the ISHI-VEG recommended minimum sizes of a representative sample for seed health testing. Information regarding the ISHI-VEG seed health test protocols and recommended minimum sample sizes can be found at: [https:// www.worldseed.org/](https://www.worldseed.org/)





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