

“ Quality french seed  
all over the world ”



**LSA**  
Seed potatoes



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## A KNOW-HOW SINCE 3 GENERATIONS

- Founded in 1998, **LSA** is a **family-owned company** specializing in the **production** and **marketing** of seed potatoes.
- We multiply a **wide range protected potato varieties**.
- Our varieties are **evaluated in different countries** to assess productivity, tolerance to diseases and adaptation to different soil types and climates.



## A VERY ADVANTAGEOUS GEOGRAPHICAL AREA

- The seed potatoes are produced in a very **advantageous geographical area** located in the Breton region of northwest France.
- This position is an asset for early production of crops, **among the earliest in Europe**. This strengthens our **sanitary quality** thanks to a **temperate climate**.



## STATISTICS IN 2022



**750** ha of seed production



**700** tonnes packaged/day



**25 000** tonnes marketed



**15** cultivated varieties



**27** countries delivered worldwide



**30** producers under contract

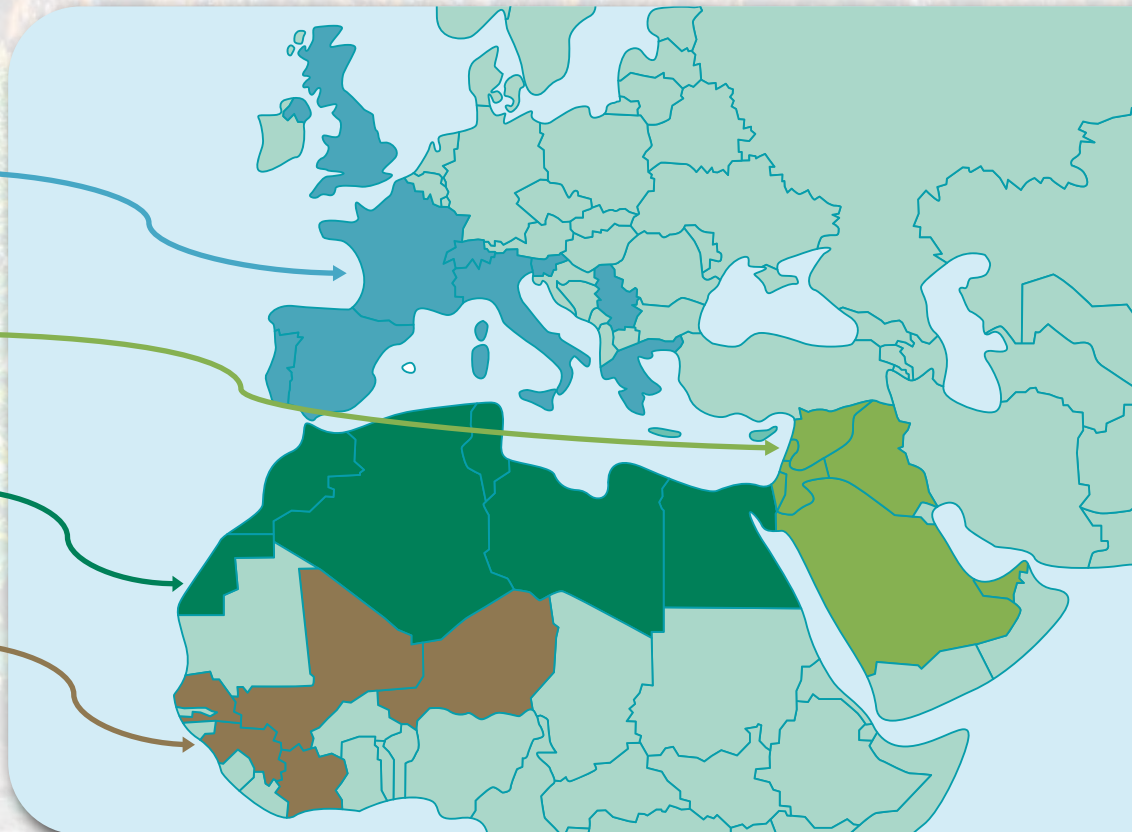
## AN INTERNATIONAL PRESENCE IN

EUROPE

MIDDLE EAST

NORTH AFRICA

WEST AFRICA



## QUALITY DELIVERED

- LSA guarantees an **extremely high level of potato seed quality**.
- Each batch meets the **high specification** demanded to meet **French standards** which are some of the most stringent in Europe (viruses, blackleg, and rots).



## SATISFACTION OF OUR CUSTOMER

- LSA provides customers with its **expertise** and **technical backup**.
- Conditioning of our seed allows you to have goods **readily available** for shipment at your request and in the **best quality**.



## BESPOKE CUSTOMER SERVICE TAILORED TO YOU

- Diverse range of **varieties** and **sizes** available.
- Several choices of **packaging** to meet your requirements. **Transportation** by land or sea.
- We maintain **top quality** seeds to their destination through **effective communication**, as well as ensuring our selected **logistics partners** meet the demands of our clients.



## DEVELOP THE VARIETIES OF TOMORROW

- We work in **collaboration** with **Bretagne Plants**, an innovative producer of **new potato varieties**, developing new varieties to meet our **customers' requirements**.
- We **select** the varieties suited to the **changing needs** of the market. New varieties must have the following characteristics :
  - 🕒 **High yield and early maturity.**
  - 🕒 **Excellent culinary qualities and good presentation.**
  - 🕒 **High resistance to potato diseases and pests** (Mildew, nematode, scabies, virus, etc...).
  - 🕒 **Adaptation to different climates and soil types.**



# Our varieties



SELENA

DOUNIA

KENZA

NAJAH

GALINA

LILIA

MALDIVE

GOURMANDINE

# SELENA

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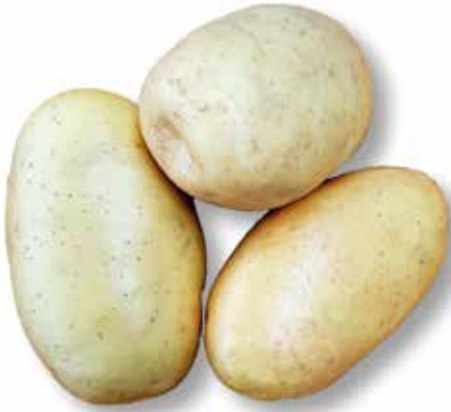
97F325.9 X SYNERGY



Mid early



Table potato



Selena is a medium early variety, strong and productive, giving large oval to long oval tubers with light yellow skin and white flesh. Selena has a low dry matter content, suitable for Mediterranean country areas. A rather good resistance to leaf blight and has good keeping qualities.

## Why SELENA ?



Nice skin finish  
Large, uniform tubers



Good resistance to wind



Good resistance to leaf blight



High resistance to heat and water stress

## DESCRIPTIVES CHARACTERS

### Tuber

Shape	Oval to long-oval
Regularity	Regular (7/9)
Eye depth	Shallow (7/9)
Skin	Light yellow
Flesh	White

### Lightsprout

Purplish red very light color

### Flower

White

### Flowering

Fairly abundant

## GROWING AND USE-RELATED

### Yield

114% of Spunta

### Caliber

High proportion of large tubers (7/9)  
Number tubers / plant : 10-11

### Quality

Taste quality	Fairly good
Cooking resistance	Very good
Blackening after cooking	None
Culinary group	A
Storage ability	Very good (8/9)
Dry matter content	17%

### Physiological characters

Rust spots	Very low susceptible (8/9)
Hollow heart	Very low susceptible (8/9)
Cracks	Low susceptible (7/9)

### Susceptibility to diseases

Leaf blight	Moderately susceptible (5/9)
Tuber blight	Moderately susceptible (5/9)
Virus Y	Slightly susceptible (6/9)
Virus A	Susceptible (3/9)
Virus X	Susceptible (3/9)
Virus PLRV	Slightly susceptible (6/9)
Common scab	Slightly susceptible (6/9)
Warty scab	Resistant
Nématode RO1-4	Susceptible (3/9)

### Susceptibility to bruising

Slightly susceptible (6/9)

### Susceptibility to desprouting

Slightly susceptible (6/9)





# DOUNIA

(98F282.8)

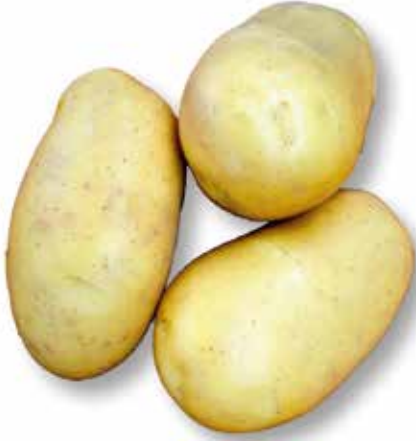
PENELOPE X SOLTANA



Medium early



Table potato



DOUNIA is a medium early variety, productive, giving oval to long-oval shaped tubers with white flesh. It has a good storage ability, dry matter content is about 21%, well suited for homemade French-fries.

## Why DOUNIA ?



High yield potential



Suitable for homemade french fries



Good for winter replanting



Good storage in natural conditions

## DESCRIPTIVES CHARACTERS

### Tuber

Shape	Oval to long oval
Regularity	Regular (7/9)
Eye depth	Shallow (7/9)
Skin	Yellow
Flesh	Light Yellow

### Lightsprout

Purple red light coloured

### Flower

Purple

### Flowering

Abundant

## GROWING AND USE-RELATED

### Yield

Good- 126% of (DESIREE-CHARLOTTE-MONALISA)

### Caliber

High proportion of large tubers  
Number tubers / plant : 14

### Quality

Taste quality	Good
Cooking resistance	Good
Blackening after cooking	None
Culinary group	B
Storage ability	Good (7/9)
Dry matter content	21%

### Susceptibility to diseases

Leaf blight	Medium susceptible (5/9)
Tuber blight	Slightly susceptible (6/9)
Virus Y	Fairly susceptible (4/9)
Virus A	Resistant
Virus X	Susceptible (3/9)
Virus PLRV	Low susceptible (7/9)
Common scab	Low susceptible (7/9)
Warty scab	Resistant
Nématode RO1-4	Resistant

### Susceptibility to bruising

Slightly susceptible (6/9)

### Susceptibility to desprouting

Fairly susceptible (4/9)

### Physiological characters

Rust spots	Low susceptibility (9/9)
Hollow heart	Low susceptibility (9/9)
Cracks	Low susceptibility (9/9)



# KENZA

(00F17.11)

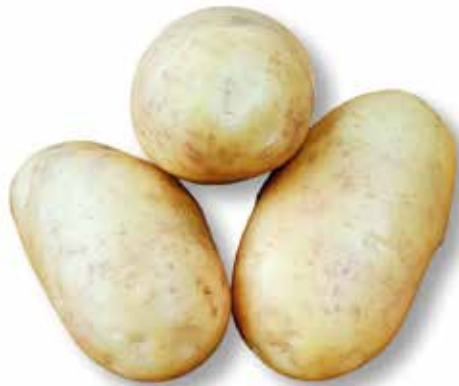
90F156.3 X 89F12.16



Mid-early



Table potato



Kenza is a medium early variety with light coloured skin and a light colour flesh, suitable for the production areas of countries around the Mediterranean and West Africa. Rustic variety, it has a good tasting quality.

## Why KENZA ?

✓  
Earliness

✓  
Nice  
skin finish

✓  
Large uniform  
tubers

✓  
Good eating  
quality

## DESCRIPTIVES CHARACTERS

### Tuber

Shape	Oblong to elongated
Regularity	Fairly regular (6/9)
Eye depth	Shallow (7/9)
Skin	Yellow
Flesh	Pale Yellow

### Lightsprout

Purple red light coloured

### Flower

White

### Flowering

Abundant

## GROWING AND USE-RELATED

### Yield

100% of Spunta

### Caliber

Hight proportion of large tubers  
Tubers numbers : 11-12

### Quality

Taste quality	Good
Cooking resistance	Good
Blackening after cooking	None
Culinary group	AB
Storage ability	Fairly good (6/9)
Dry matter content	18-19%

### Physiological characters

Rust spots	Low susceptibility (9/9)
Hollow heart	Low susceptibility (9/9)
Cracks	Low susceptibility (9/9)

### Susceptibility to diseases

Leaf blight	Moderately susceptible (5/9)
Tuber blight	Slightly susceptible (6/9)
Virus Y	Moderately susceptible (5/9)
Virus A	Resistant
Virus PLRV	Moderately susceptible (5/9)
Common scab	Slightly susceptible (6/9)
Warty scab	RAS
Nématode RO1-4	Susceptible (3/9)

### Susceptibility to bruising

Slightly susceptible (6/9)

### Susceptibility to desprouting

Moderately susceptible (5/9)



# NAJAH

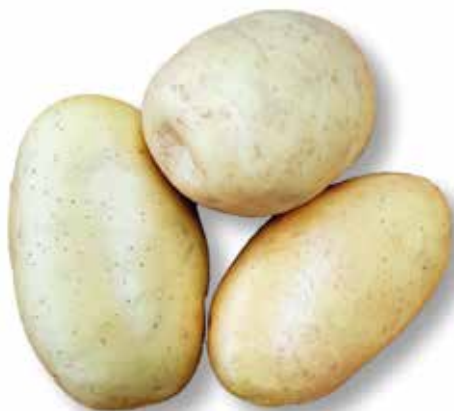
(09F50.12)  
DOUNIA X ELBEÏDA



Mid-early



Table potato



Mid-early to medium variety, producing large, regular tubers with pale yellow skin and white flesh. Vigorous and suitable for Mediterranean country areas in seasonal and off-season cultivation. Rustic and of good conservation, it is not very sensitive to mechanical damage.

## Why NAJAH ?



High yield potential



Very large uniform tubers



Very nice skin finish



High resistance to heat and water stress

## DESCRIPTIVES CHARACTERS

### Tuber

Shape	Oblong
Regularity	Very regular (9/9)
Eye depth	Very shallow (9/9)
Skin	Light yellow
Flesh	White

### Lightsprout

Light purplish red

### Flower

Violet

### Flowering

Fairly abundant

## GROWING AND USE-RELATED

### Yield

115% of Spunta

### Caliber

High proportion of large tubers  
Number tubers / plant : 10-11

### Quality

Taste quality	Good
Cooking resistance	Good
Blackening after cooking	None
Culinary group	AB
Storage ability	Very good (9/9)
Dry matter content	19%

### Physiological characters

Rust spots	Very low susceptible (9/9)
Hollow heart	Very low susceptible (9/9)
Cracks	Low susceptible (7/9)

### Susceptibility to diseases

Leaf blight	Moderately susceptible (5/9)
Tuber blight	Moderately susceptible (5/9)
Virus Y	Slightly susceptible (6/9)
Virus A	Susceptible (3/9)
Virus X	Susceptible (3/9)
Virus PLRV	Slightly susceptible (6/9)
Common scab	Slightly susceptible (6/9)
Warty scab	Resistant
Nématode RO1-4	Susceptible (3/9)

### Susceptibility to bruising

Slightly susceptible (7/9)

### Susceptibility to desprouting

Low susceptible (7/9)



# GALINA

(11F159.18)

PASSION X SYNERGY



Mid early



Table potato Fresh



Galina is a mid early to medium variety, producing many regular oblong tubers with yellow skin and yellow flesh. Very productive with a nice skin finish, it is suitable for the fresh market. It is quite tolerant of leaf blight and common scab.

## Why GALINA ?



Nice skin finish with yellow skin and yellow flesh



High yield and tuberization



Tolerance to leaf blight and common scab



Good for long fridge storage

## DESCRIPTIVES CHARACTERS

### Tubercule

Shape	Oblong
Regularity	Regular (7/9)
Eye depth	Shallow (7/9)
Skin	Yellow
Flesh	Yellow

### Lightsprout

Purple red light coloured

### Flower

White

### Flowering

Fairly abundant

## GROWING AND USE-RELATED

### Yield

Very Good - 140% Spunta

### Caliber

Hight proportion of large tubers  
Tubers numbers : 15-16 / feet

### Quality

Taste quality	Good
Cooking resistance	Good
Blackening after cooking	None
Culinary group	AB
Storage ability	Very good (6/9)
Dry matter content	18%

### Physiological characters

Rust spots	Low susceptibility (8/9)
Hollow heart	Low susceptibility (8/9)
Cracks	Low susceptibility (8/9)

### Susceptibility to diseases

Leaf blight	Slightly susceptible (6/9)
Tuber blight	Slightly susceptible (6/9)
Virus Y	Low susceptible (7/9)
Virus X	Low susceptible (7/9)
Virus PLRV	Low susceptible (7/9)
Common scab	Slightly susceptible (6/9)
Nématode RO1-4	Susceptible (3/9)

### Susceptibility to bruising

Fairly susceptible (4/9)

### Susceptibility to desprouting

Low susceptible (6/9)



# LILIA

(09F227.4)  
RAMOS X DOUNIA



Mid-early



Fresh market



Lilia is a medium early variety with good tuber numbers and a yellow skin finish. Suitable for the fresh market and very good for homemade French fries. Good tasting quality and having a dry matter level of 21%. Good for storage. It is resistant to nematode *globodera rostochiensis*.

## Why LILIA ?

- ✓ High yield potential
- ✓ Good cooking quality, suitable for french fries
- ✓ Good for winter replanting
- ✓ Low susceptibility to bruising

## DESCRIPTIVES CHARACTERS

### Tuber

Shape	Oblongue to elongated
Regularity	Regular (7/9)
Eye depth	Shallow (7/9)
Skin	Yellow
Flesh	Yellow

### Lightsprout

Purple

### Flower

Purple

### Flowering

Low abundant

## GROWING AND USE-RELATED

### Yield

Good : 115% to Bintje

### Caliber

Good proportion of large tubers  
Tubers numbers : 13-14

### Quality

Taste quality	Good
Cooking resistance	Fairly good
Blackening after cooking	None
Culinary group	AB
Storage ability	Good (8/9)
Dry matter content	21%

### Physiological characters

Rust spots	Low susceptibility (8/9)
Hollow heart	Low susceptibility (8/9)
Cracks	Low susceptibility (8/9)

### Susceptibility to diseases

Leaf blight	Susceptible (3/9)
Tuber blight	Low susceptibility (7/9)
Virus Y	Low susceptibility (7/9)
Virus PLRV	Low susceptibility (7/9)
Common scab	Slightly susceptible (8/9)
Warty scab	None
Nématode RO1-4	Resistant

### Susceptibility to bruising

Low susceptibility (7/9)

### Susceptibility to desprouting

Fairly susceptible (4/9)



# MALDIVE

(06F114.9)

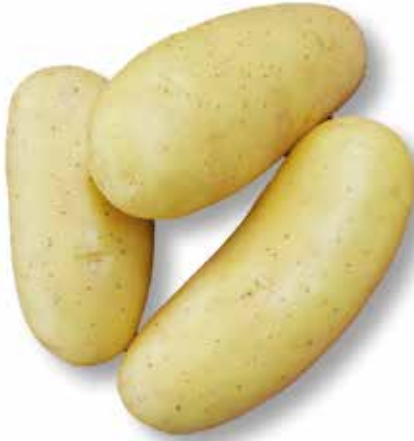
ANNABELLE X AMBRINE



Early / mid early



Table potato  
Ferm flesh



Maldive is an early to mid-early variety, firm flesh, giving long oblong tubers with a brilliant yellow skin finish. It has a yellow flesh with very good culinary quality. Its dormancy period is short. Productive variety that adapts well to early productive areas, with resistance to nematode ro1-4.

## Why MALDIVE ?



Early variety



Very high  
tuberization



Very nice  
skin finish



Very good  
taste

## DESCRIPTIVES CHARACTERS

### Tuber

Shape	Long
Regularity	Very regular
Eye depth	Shallow
Skin	Yellow
Flesh	Yellow

### Lightsprout

Purplish red very light coloured

### Flower

White

### Flowering

Slightly abundant

## GROWING AND USE-RELATED

### Yield

Good – 120% of Charlotte

### Caliber

High medium tuber numbers  
Number tubers / feet : 18

### Quality

Taste quality	Good
Cooking resistance	Very good
Blackening after cooking	None
Culinary group	A
Storage ability	Fairly good
Dry matter content	18%

### Susceptibility to diseases

Leaf blight	Susceptible (3/9)
Tuber blight	Fairly susceptible (4/9)
Virus Y	Slightly susceptible (6/9)
Virus A	Resistant
Virus X	Susceptible (3/9)
Virus PLRV	Low susceptible (7/9)
Common scab	Slightly susceptible (6/9)
Warty scab	None
Nématode RO1-4	Resistant

### Susceptibility to bruising

Slightly susceptible (6/9)

### Susceptibility to desprouting

Fairly susceptible (4/9)

### Physiological characters

Dormancy	Short
Rust spots	Very low susceptibility (9/9)
Hollow heart	Very low susceptibility (9/9)
Cracks	Very low susceptibility (9/9)



# GOURMANDINE

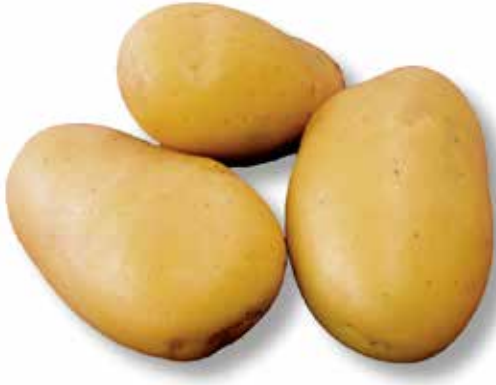
CHARLOTTE X ESTIMA



Mid early



Table potato  
Ferm flesh



Gourmandine is a firm flesh variety, medium early, with very high tuber numbers of medium size. Excellent tasting quality, adapted to various areas of production in Europe, with a very good keeping quality.

## Why GOURMANDINE ?

- ✓ Firm flesh variety
- ✓ Adapted to various production areas
- ✓ Excellent tasting quality
- ✓ Very good for long fridge storage

## DESCRIPTIVES CHARACTERS

### Tuber

Shape	Long oval
Regularity	Very regular (9/9)
Eye depth	Very shallow (9/9)
Skin	Yellow
Flesh	Yellow

### Lightsprout

Purplish red

### Flower

Purplish

### Flowering

Abundant

## GROWING AND USE-RELATED

### Yield

Good -105% of Bintje

### Caliber

High medium tuber numbers  
Number tubers / plant : 12

### Quality

Taste quality	Good
Cooking resistance	Good
Blackening after cooking	None
Culinary group	A
Storage ability	Very good (9/9)
Dry matter content	19%

### Physiological characters

Rust spots	Low susceptibility (7/9)
Hollow heart	Very low susceptibility (9/9)
Cracks	Very low susceptibility (9/9)

### Susceptibility to diseases

Leaf blight	Susceptible (3/9)
Tuber blight	Fairly susceptible (4/9)
Virus Y	Moderately susceptible (5/9)
Virus A	Tolerant
Virus X	None
Virus PLRV	Low susceptible (7/9)
Common scab	Low susceptible (7/9)
Warty scab	Resistant

### Susceptibility to bruising

Slightly susceptible (7/9)

### Susceptibility to desprouting

Fairly susceptible (4/9)





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