

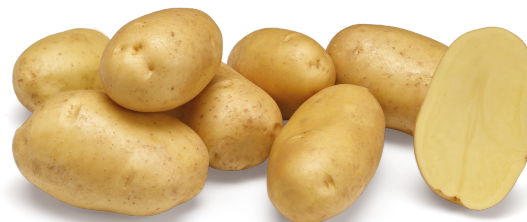
# Armedi.

An early maincrop processing variety suitable for the French fries industry.



**Processing**  
French fries

- ▶ **Good tolerance against spraing**
- ▶ **Excellent frying quality, and suitable for long term storage**
- ▶ **Multiple potato cyst nematodes resistances**



## characteristics

### General characteristics

Breeder: Agrico Research B.V.

Crossing: TOPAS x BASIN RUSSET

Breedersright: 31-12-2051

Seedling: AR 10-2432

### Plant and tuber characteristics

Maturity: early maincrop / 5,5

Light sprout colour: - / -

Flower colour: purple / P

Number of berries: average / 6

Foliage - initial development: quite fast / 7

Foliage - final development: good / 8

Foliage - firmness: firm / 8

Foliage - selectability: average / 6,5

Skin colour: yellow / Y

Flesh colour: light yellow / 6

Skin finish: average / 6

Tuber shape: oval long / OL

Regularity of tuber shape: regular / 7

Tuberisation: average / 6,5

Tuber size: quite large / 7,5

Regularity of size: quite regular / 6,5

Dormancy: average / 6,5

### Sensitivity and quality

Secondary growth: quite sensitive / 6

Black spot (internal bruising): quite sensitive / 6,5

Growth cracks: slightly sensitive / 7

Harvest damage: very sensitive / 4,5

Metribuzin - pre-emergence: very sensitive / 3

Metribuzin - post-emergence: very sensitive / 3

Bentazon: - / -

Ethylene: 5% to 15% more tubers / 6

Underwater weight: 402

Dry matter content: 21,8%

Cooking type: floury / C

Discolouration after cooking: slightly sensitive / 7

Raw discolouration: quite sensitive / 6,5

Fries quality: excellent / 8

Dry matter distribution: average / 6,5

Crisping quality: good / 7

TGA-level: 6,0

Carvone oil: 15% to 25% more tubers / 7

Dormancy: average / 6,5



# How to grow

## Fertilization and seed treatment <sup>1</sup>

**Nitrogen:** standard advice + 10%.

**Phosphate:** standard advice.

**Potassium:** standard advice + 25%.

## Seed treatment

A short heat shock or proper pre-sprouting is recommended. Proper pre-sprouting after taking off the top sprout can give a positive result on the tuber set.

## Planting distance

28/35 mm: 25 cm (55.000 plants/ha)

35/55 mm: 34 cm (40.000 plants/ha)

## Weeds

Do not use metribuzin (Sencor), as it gives a severe foliage reaction and a serious yield reduction.

## Fungicides

A strict preventive spraying schedule against late blight is necessary.

## Harvest

Due to its sensitivity scores for black spot and/or harvest damage, wait at least three weeks after haulm killing before harvest.

## Storage temperature - Storage time

For processing purposes, do not store below 7 °C. Suitable for long term storage.



## Resistances

**Virus - Leaf roll:** - / -

**Virus - Yn:** very susceptible / 4,5

**Virus - Yntn (tuber):** - / -

**Spraing:** slightly susceptible / 7,5

**Late blight - foliage:** very susceptible / 4

**Late blight - tuber:** slightly susceptible / 7,5

**Fusarium:** slightly susceptible / 6

**Common scab:** susceptible / 5,5

**Powdery scab:** susceptible / 5,5

**Virus - A:** - / -

Say potato,  
say **Agrico.**

**Virus - X:** - / -

**Black dot:** susceptible / 5,5

**Erwinia:** - / -

**Wart disease F1:** slightly susceptible / 9

**Wart disease F6:** - / -

**Wart disease F18:** - / -

**Golden nematode Ro 1/4:** resistant / 9

**Golden nematode Ro 2/3:** field resistant / 7

**Golden nematode Ro 5:** moderately susceptible / 5

**White nematode Pa 2:** resistant / 9

**White nematode Pa 3:** field resistant / 8