

# Napoleon.

Maincrop crisping variety with a good uniformity of size and a high dry matter content.



**Processing**  
Crisps

- ▶ **Good crisping quality**
- ▶ **Excellent storability**
- ▶ **Good virus resistances**



## characteristics

### General characteristics

Breeder: Agrico Research B.V.  
 Crossing: ANTINA x ALICANTE  
 Breedersright: 31-12-2051  
 Seedling: AR 10-4637

### Plant and tuber characteristics

Maturity: maincrop / 5  
 Light sprout colour: red violet / RV  
 Flower colour: white / W  
 Number of berries: very high / 4  
 Foliage - initial development: quite fast / 7  
 Foliage - final development: good / 8  
 Foliage - firmness: quite firm / 7,5  
 Foliage - selectability: average / 6,5  
 Skin colour: yellow / Y  
 Flesh colour: light yellow / 6,5  
 Skin finish: quite poor / 5  
 Tuber shape: round oval / RO  
 Regularity of tuber shape: regular / 7  
 Tuberisation: average / 6  
 Tuber size: quite large / 7,5  
 Regularity of size: regular / 7  
 Dormancy: average / 6

### Sensitivity and quality

Secondary growth: quite sensitive / 6,5  
 Black spot (internal bruising): sensitive / 5,5  
 Growth cracks: quite sensitive / 6  
 Harvest damage: very sensitive / 4,5  
 Metribuzin - pre-emergence: slightly sensitive / 7  
 Metribuzin - post-emergence: slightly sensitive / 7  
 Bentazon: - / -  
 Ethylene: 5% fewer to 5% more tubers / 5  
 Underwater weight: 450  
 Dry matter content: 24,1%  
 Cooking type: floury / BC  
 Discolouration after cooking: quite sensitive / 6  
 Raw discolouration: quite sensitive / 6  
 Fries quality: good / 7  
 Dry matter distribution: good / 7  
 Crisping quality: excellent / 8  
 TGA-level: 4,0  
 Carvone oil: 25% more tubers / 8  
 Dormancy: average / 6



# How to grow

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

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

**Phosphate:** standard advice.

**Potassium:** standard advice + 20%.

## Seed treatment

Proper pre-sprouting after taking off the top sprout can give a positive result on the tuber set. Desprouting can have a negative impact on yield and size regularity.

## Planting distance

28/35 mm: 25 cm (54.000 plants/ha)

35/55 mm: 30 cm (45.000 plants/ha)

50/55 mm: 40 cm (33.000 plants/ha)

## Weeds

A standard use of metribuzin (Sencor), before or after emerge, doesn't give foliage reaction or yield reduction.

## Fungicides

A preventive spraying schedule against late blight is advised.

## 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 9 °C. Suitable for medium to long term storage.



## Resistances

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

**Virus - Yn:** slightly to not susceptible / 8

**Virus - Yntn (tuber):** slightly to not susceptible / 8

**Spraing:** susceptible / 5

**Late blight - foliage:** slightly susceptible / 6

**Late blight - tuber:** slightly susceptible / 6,5

**Fusarium:** slightly susceptible / 6,5

**Common scab:** slightly susceptible / 6

**Powdery scab:** - / -

**Virus - A:** - / -

Say potato,  
say **Agrico.**

**Virus - X:** - / -

**Black dot:** slightly susceptible / 6

**Erwinia:** - / -

**Wart disease F1:** resistant / 10

**Wart disease F6:** - / -

**Wart disease F18:** - / -

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

**Golden nematode Ro 2/3:** - / -

**White nematode Pa 2:** susceptible / 4

**White nematode Pa 3:** susceptible / 2