CULTIVATION RECOMMENDATION

Napoleon.

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

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

Processing
Crisps



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

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How to grow

Fertilization and seed treatment [1]

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 ºC. Suitable for medium to long term storage.



Say potato, say Agrico.

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: - / -
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

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