

Nirvana.

An early maincrop processing potato variety suitable for the French fries industry with late blight resistance in foliage and tuber.

- ▶ **High dry matter content**
- ▶ **Good dry matter distribution**
- ▶ **Late blight resistance**



characteristics

General characteristics

Breeder: Agrico Research B.V.
 Crossing: CAROLUS x PERFORMER
 Breedersright: 31-12-2051
 Seedling: AR 10-2460

Plant and tuber characteristics

Maturity: early maincrop / 5,5
 Light sprout colour: red / R
 Flower colour: purple / P
 Number of berries: below average / 6,5
 Foliage - initial development: quite fast / 7,5
 Foliage - final development: good / 8
 Foliage - firmness: firm / 8
 Skin colour: yellow / Y
 Flesh colour: yellow / 7
 Skin finish: quite poor / 5
 Tuber shape: oval / O
 Regularity of tuber shape: regular / 7
 Tuberisation: average / 6
 Tuber size: quite large / 7,5
 Regularity of size: quite regular / 6,5
 Dormancy: long / 8

Sensitivity and quality

Secondary growth: quite sensitive / 6
 Black spot (internal bruising): quite sensitive / 6,5
 Growth cracks: slightly sensitive / 7
 Harvest damage: sensitive / 5
 Metribuzin - pre-emergence: sensitive / 5,5
 Metribuzin - post-emergence: slightly sensitive / 7
 Ethylene: 25% more tubers / 8
 Underwater weight: 422
 Dry matter content: 22,8%
 Cooking type: floury / BC
 Discolouration (after cooking): quite sensitive / 6,5
 Raw discolouration: sensitive / 5
 Fries quality: good / 7
 Dry matter distribution: excellent / 8
 Crisping quality: average / 6
 TGA-level: 4,85

How to grow



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Fertilization ¹

Nitrogen: standard advice.
Phosphate: standard advice.
Potassium: standard advice + 25%.

Seed treatment

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 (54.000 plants/ha)
 35/55 mm: 30 cm (45.000 plants/ha)
 50/55 mm: 40 cm (33.000 plants/ha)

Weeds

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

Fungicides

Despite the late blight resistance, remain alert for infections.

Harvest

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

Storage - .

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

¹ Level of fertilization is based on soil analysis.



Say potato,
say **Agrico.**

Resistances

Virus - Leaf roll: - / -

Virus - Yn: susceptible / 5,5

Virus - Yntn (tuber): susceptible / 5,5

Spraing: susceptible / 5,5

Late blight - foliage: slightly to not susceptible / 9

Late blight - tuber: slightly to not susceptible / 9

Fusarium: slightly to not susceptible / 8

Common scab: susceptible / 5

Powdery scab: slightly to not susceptible / 8

Black dot: susceptible / 5,5

Wart disease F1: very susceptible / 1

Wart disease F6: - / -

Wart disease F18: - / -

Golden nematode Ro 1/4: - / -

Golden nematode Ro 2/3: - / -

White nematode Pa 2: moderately susceptible / 5

White nematode Pa 3: susceptible / 2