CULTIVATION RECOMMENDATION

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**

Organic

Processing
French fries



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: excellent / 8
Dry matter distribution: excellent / 8
Crisping quality: average / 6
TGA-level: 4,85 mg/100g

Agrico has taken all reasonable care in producing this variety description. However, please note that any information may be subject to change and Agrico accepts no responsibility for errors or omissions. In no event shall Agrico be liable for damages arising out of or related to the information contained within this description.

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How to grow

www.agricopotatoes.com

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 ºC. 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

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