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An early maincrop processing 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** 





### 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:** guite 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

Bentazon: - / -

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

#### Fertilization <sup>1</sup>

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)

<sup>1</sup> Level of fertilization is based on soil analysis.

#### www.agricopotatoes.com

#### 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.



#### **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

