

Fontane.

An early maincrop, high yielding processing variety for the production of French fries and flakes.



Processing
French fries
Crisps
Flakes

- ▶ **Large tubers**
- ▶ **High dry matter content**
- ▶ **Suitable for different types of soil**



characteristics

General characteristics

Breeder: Lantmännen Seed B.V.
Crossing: AGRIA x AR 76-034-03
Breedersright: 31-12-2028
Seedling: SW 87-1140

Plant and tuber characteristics

Maturity: early maincrop / 5,5
Light sprout colour: blue violet / BV
Flower colour: white / W
Number of berries: above average / 5
Foliage - initial development: quite fast / 7,5
Foliage - final development: average / 7
Foliage - firmness: quite firm / 7
Skin colour: yellow / Y
Flesh colour: light yellow / 6,5
Skin finish: quite poor / 5
Tuber shape: oval / O
Regularity of tuber shape: quite regular / 6,5
Tuberisation: quite high / 7
Tuber size: quite large / 7
Regularity of size: quite regular / 6
Dormancy: quite short / 5,5

Sensitivity and quality

Secondary growth: quite sensitive / 6
Black spot (internal bruising): quite sensitive / 6
Growth cracks: quite sensitive / 6
Harvest damage: quite sensitive / 6
Metribuzin - pre-emergence: slightly to not sensitive / 8
Metribuzin - post-emergence: slightly to not sensitive / 8
Bentazon: quite sensitive / 6
Ethylene: 15% to 25% more tubers / 7
Underwater weight: 430
Dry matter content: 23,2%
Cooking type: floury / BC
Discolouration (after cooking): quite sensitive / 6,5
Raw discolouration: sensitive / 5,5
Fries quality: very good / 7,5
Dry matter distribution: average / 6,5
Crisping quality: average / 6
TGA-level: 6,1

How to grow



Fertilization ¹

Nitrogen: standard advice + 30%. It is possible to use organic manure.

Phosphate: standard advice.

Potassium: standard advice + 10%.

Seed treatment

Can be planted directly out of the cold store, preferably after a short heat shock. Desprouting more than twice can have a negative impact on yield and size regularity.

Planting distance

28/35 mm: 27 cm (50.000 plants/ha)

35/55 mm: 33 cm (40.000 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 strict preventive spraying schedule against late blight is necessary.

Harvest

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

Storage - .

Preferred storage temperature is 5 °C. For processing purposes, do not store below 7 °C. Suitable for long term storage.

¹ Level of fertilization is based on soil analysis.



Say potato,
say Agrico.

Resistances

Virus - Leaf roll: slightly susceptible / 6

Virus - Yn: susceptible / 5,5

Virus - Yntn (tuber): slightly susceptible / 7

Spraing: slightly susceptible / 6,5

Late blight - foliage: susceptible / 5

Late blight - tuber: slightly susceptible / 6,5

Fusarium: slightly susceptible / 6

Common scab: slightly susceptible / 6

Powdery scab: slightly susceptible / 6

Black dot: - / -

Wart disease F1: quite susceptible / 6

Wart disease F6: moderately susceptible / 8

Wart disease F18: - / -

Golden nematode Ro 1/4: resistant / 9

Golden nematode Ro 2/3: - / -

White nematode Pa 2: - / -

White nematode Pa 3: - / -