CULTIVATION RECOMMENDATION

Fontane.

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

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

Processing
French fries
Crisps
Flakes



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

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

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 ºC. For processing purposes, do not store below 7 ºC. 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: - / -

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