

# 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 <sup>1</sup>

**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.

<sup>1</sup> 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:** - / -