

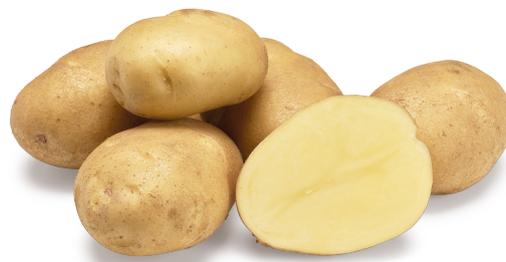
Fontane.



Processing

Fontane is a high yielding early maincrop variety suitable for the processing market.

- ▶ **Market outlet: chipping, crisping, processing and table**
- ▶ **Large uniform oval tubers**
- ▶ **High yielding**
- ▶ **High dry matter**



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
 Foliage - selectability: average / 6
 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
 Carvone oil: 15% to 25% more tubers / 7
 Dormancy: quite short / 5,5



How to grow

Fertilization and seed treatment 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 temperature - Storage time

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



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

Virus - A: - / -

Say potato,
say **Agrico.**

Virus - X: slightly susceptible / 7

Black dot: - / -

Erwinia: slightly susceptible / 6

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: - / -