

# Constance.

Second early ware variety with a bright yellow skin and light yellow flesh colour.



**Retail  
Fresh**



**Traditional**

- ▶ **Beautiful appearance**
- ▶ **Uniform tuber size**
- ▶ **Rather firm cooking**



## characteristics

### General characteristics

Breeder: J.L. Spijkman

Crossing: MARABEL x AR 93-1243

Breedersright: 31-12-2044

Seedling: SA 02-0020

### Plant and tuber characteristics

Maturity: second early / 7

Light sprout colour: blue violet / BV

Flower colour: white / W

Number of berries: average / 6

Foliage - initial development: quite fast / 7

Foliage - final development: good / 8

Foliage - firmness: quite firm / 7

Skin colour: yellow / Y

Flesh colour: light yellow / 6,5

Skin finish: excellent / 8

Tuber shape: oval round / OR

Regularity of tuber shape: regular / 7

Tuberisation: average / 6

Tuber size: quite large / 7

Regularity of size: regular / 7

Dormancy: average / 6,5

### Sensitivity and quality

Secondary growth: slightly sensitive / 7

Black spot (internal bruising): slightly to not sensitive / 8

Growth cracks: slightly sensitive / 7

Harvest damage: very sensitive / 4,5

Metribuzin - pre-emergence: slightly sensitive / 7

Metribuzin - post-emergence: slightly sensitive / 7,5

Bentazon: slightly to not sensitive / 8

Ethylene: 15% to 25% more tubers / 7

Underwater weight: 358

Dry matter content: 19,7%

Cooking type: rather firm / AB

Discolouration (after cooking): quite sensitive / 6,5

Raw discolouration: quite sensitive / 6,5

Fries quality: below average / 5,5

Dry matter distribution: - / -

Crisping quality: unsuitable / 4

TGA-level: 4,3



# How to grow

## Fertilization <sup>1</sup>

**Nitrogen:** standard advice + 15%.

**Phosphate:** standard advice.

**Potassium:** standard advice + 15%.

## Seed treatment

Proper pre-sprouting after taking off the top sprout can give a positive result on the tuber set. Desprouting more than once can have a negative impact on yield and size regularity.

## Planting distance

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

35/55 mm: 36 cm (37.000 plants/ha)

## Weeds

A standard use of metribuzin (Sencor), before or after emerge, can give some foliage reaction, but rarely any 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. Suitable for medium term storage.

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



Say potato,  
say **Agrico.**

## Resistances

**Virus - Leaf roll:** - / -

**Virus - Yn:** slightly to not susceptible / 8

**Virus - Yntn (tuber):** slightly susceptible / 6,5

**Spraing:** slightly susceptible / 6

**Late blight - foliage:** susceptible / 5

**Late blight - tuber:** very susceptible / 4,5

**Fusarium:** slightly susceptible / 6,5

**Common scab:** slightly susceptible / 6

**Powdery scab:** very susceptible / 3

**Black dot:** slightly susceptible / 7

**Wart disease F1:** - / -

**Wart disease F6:** - / -

**Wart disease F18:** - / -

**Golden nematode Ro 1/4:** - / -

**Golden nematode Ro 2/3:** - / -

**White nematode Pa 2:** - / -

**White nematode Pa 3:** - / -