

# Constance.

MARKET SEGMENT

**T**  
Traditional

**R**  
Retail  
Fresh

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

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



## CHARACTERISTICS

### General characteristics

**Breeder:** J.L. Spijkman  
**Crossing:** MARABEL x AR 93-1243  
**Seedling:** SA 02-0020  
**Breeder rights:** 31-12-2044

### Plant and tuber characteristics

**Maturity:** second early / 7  
**Light sprout colour:** blue violet  
**Flower colour:** white  
**Number of berries:** average / 6  
**Foliage: - initial development:** quite fast / 7  
**Foliage: - final development:** good / 8  
**Foliage: - selectability:** average / 6,5  
**Foliage: - plant firmness:** quite firm / 7

**Flesh colour:** light yellow / 6,5

**Skin colour:** yellow

**Skin finish:** excellent / 8

**Tuber size:** quite large / 7

**Tuber shape:** oval round

**Regularity of tuber shape:** regular / 7

**Tuberisation:** average / 6

**Regularity size:** regular / 7

### Sensitivity and quality

**Dormancy:** average / 6,5  
**Metribuzin:** slightly sensitive / 7  
**Bentazon:** slightly to not sensitive / 8  
**Ethylene:** 15% to 25% more tubers / 7

**Secondary growth:** slightly sensitive / 7

**Growth cracks:** slightly sensitive / 7

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

**Harvest damage:** very sensitive / 4,5

**Underwater weight:** 358

**Dry matter content:** 19,7%

**Dry matter distribution:** - / -

**TGA - level:** 4,3

**Crisping quality:** unsuitable / 4

**Fries quality:** below average / 5,5

**Cooking type:** rather firm / AB

**Raw discolouration:** quite sensitive / 6,5

**Discolouration after cooking:** quite sensitive / 6,5



[www.agrico.nl/en/constance](http://www.agrico.nl/en/constance)

# HOW TO GROW

## Fertilization<sup>1</sup>

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

**Phosphate:** standard advice.

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

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

## Seed treatment

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

## Planting distance

28/35 mm: 27 cm (50,000 plants/ha)

35/55 mm: 36 cm (37,000 plants/ha)

## Weeds

After emerge, a standard use of metribuzin (Sencor) 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.



Say potato,  
say **Agrico.**

## Resistances

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

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

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

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

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

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

**Common scab:** slightly susceptible / 6

**Powdery scab:** very susceptible / 3

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

**Erwinia:** slightly susceptible / 6

**Black dot:** slightly susceptible / 7

**Spraing:** slightly susceptible / 6

**Virus - Leaf Roll:** - / -

**Virus - A:** - / -

**Virus - X:** slightly susceptible / 7

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

**Virus - Yntn:** slightly susceptible / 6,5

**Wart disease F1:** - / -

**Wart disease F6:** - / -

**Wart disease F18:** - / -