

# Carolus.

An early maincrop, multipurpose ware potato variety with attractive red eyes and resilient to late blight in foliage and tuber.



Organic



Retail  
Fresh



Traditional

- ▶ **Multipurpose variety**
- ▶ **High dry matter content**
- ▶ **Floury cooking**



## characteristics

### General characteristics

Breeder: Agrico Research B.V.  
 Crossing: AGRIA x AR 00-94-17  
 Breedersright: 31-12-2043  
 Seedling: AR 02-3225

### Plant and tuber characteristics

Maturity: early maincrop / 6  
 Light sprout colour: blue violet / BV  
 Flower colour: purple / P  
 Number of berries: very high / 4  
 Foliage - initial development: average / 6  
 Foliage - final development: good / 8  
 Foliage - firmness: firm / 8  
 Skin colour: yellow with red eyes / Y/R  
 Flesh colour: yellow / 7  
 Skin finish: good / 7  
 Tuber shape: oval / O  
 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): quite sensitive / 6  
 Growth cracks: sensitive / 5,5  
 Harvest damage: sensitive / 5,5  
 Metribuzin - pre-emergence: very sensitive / 4,5  
 Metribuzin - post-emergence: quite sensitive / 6  
 Bentazon: quite sensitive / 6  
 Ethylene: 15% to 25% more tubers / 7  
 Underwater weight: 398  
 Dry matter content: 21,6%  
 Cooking type: floury / BC  
 Discolouration (after cooking): quite sensitive / 6  
 Raw discolouration: slightly sensitive / 7  
 Fries quality: good / 7  
 Dry matter distribution: excellent / 8  
 Crisping quality: good / 7  
 TGA-level: 5,4



[www.agricopotatoes.com](http://www.agricopotatoes.com)

# How to grow

## Fertilization <sup>1</sup>

**Nitrogen:** standard advice + 10%.

**Phosphate:** standard advice.

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

## Seed treatment

A short heat shock or proper pre-sprouting is recommended. Preferably plant the tubers into warm soil, as the initial development of this variety is slow. Desprouting can have a negative impact on yield and size regularity.

## Planting distance

28/35 mm: 20 cm (66.500 plants/ha)

35/55 mm: 27 cm (49.000 plants/ha)

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

## Weeds

Do not use metribuzin (Sencor), as it gives a severe foliage reaction and a serious yield reduction.

## Fungicides

Despite the late blight resistance, remain alert for infections.

## Harvest

Due to its sensitivity scores for black spot and/or harvest damage, wait at least two weeks after haulm killing before harvest.

## Storage - .

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



## Resistances

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

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

**Virus - Yntn (tuber):** slightly susceptible / 7

**Spraing:** slightly susceptible / 6

**Late blight - foliage:** slightly to not susceptible / 9

**Late blight - tuber:** slightly to not susceptible / 9

**Fusarium:** slightly susceptible / 6

**Common scab:** susceptible / 5

Say potato,  
say **Agrico.**

**Powdery scab:** susceptible / 5

**Black dot:** slightly susceptible / 6

**Wart disease F1:** resistant / 10

**Wart disease F6:** - / -

**Wart disease F18:** - / -

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

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

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

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