

# Agata.

MARKET SEGMENT

**T**  
Traditional

**R**  
Retail  
Fresh

First early, rather firm cooking ware variety with an attractive smooth skin and a high yield.

- ▶ Uniform tuber shape and size
- ▶ Good virus resistances
- ▶ Good tolerance against bruising and damage



## CHARACTERISTICS

### General characteristics

**Breeder:** Lantmännen Seed B.V.  
**Crossing:** BM 72-0052 x SIRCO  
**Seedling:** GE 77-0134  
**Breeder rights:** Expired

### Plant and tuber characteristics

**Maturity:** first early / 8  
**Light sprout colour:** red violet  
**Flower colour:** white  
**Number of berries:** below average / 5  
**Foliage: - initial development:** fast / 8  
**Foliage: - final development:** good / 8  
**Foliage: - selectability:** average / 6,5  
**Foliage: - plant firmness:** average / 6

**Flesh colour:** light yellow / 6  
**Skin colour:** yellow  
**Skin finish:** excellent / 8  
**Tuber size:** quite large / 7  
**Tuber shape:** oval  
**Regularity of tuber shape:** regular / 7  
**Tuberisation:** high / 8  
**Regularity size:** quite regular / 6

### Sensitivity and quality

**Dormancy:** short / 4  
**Metribuzin:** quite sensitive / 6  
**Bentazon:** - / -  
**Ethylene:** 5% fewer to 5% more tubers / 5

**Secondary growth:** quite sensitive / 6  
**Growth cracks:** quite sensitive / 6  
**Black spot (internal bruising):** slightly to not sensitive / 8  
**Harvest damage:** slightly sensitive / 7

**Underwater weight:** 316  
**Dry matter content:** 17,6%  
**Dry matter distribution:** - / -  
**TGA - level:** 8

**Crisping quality:** unsuitable / 4  
**Fries quality:** unsuitable / 4  
**Cooking type:** rather firm / AB  
**Raw discolouration:** quite sensitive / 6,5  
**Discolouration after cooking:** quite sensitive / 6



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

# HOW TO GROW

## Fertilization<sup>1</sup>

**Nitrogen:** standard advice + 20%. Preferably as split application, second treatment shortly after tuberization.

**Phosphate:** standard advice.

**Potassium:** standard advice.

<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: 20 cm (67,000 plants/ha)

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

## Weeds

After emerge, a standard use of metribuzin (Sencor) can give some foliage reaction and some 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 two weeks after haulm killing before harvest.

## Storage

Preferred storage temperature is 4 °C. Suitable for long term storage.



Say potato,  
say **Agrico.**

## Resistances

**Golden nematode Ro 1/4:** resistant / 9

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

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

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

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

**Late blight-tuber:** slightly susceptible / 6

**Common scab:** susceptible / 5

**Powdery scab:** slightly susceptible / 6

**Fusarium:** susceptible / 5

**Erwinia:** susceptible / 5

**Black dot:** slightly susceptible / 6,5

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

**Virus - Leaf Roll:** slightly susceptible / 6

**Virus - A:** - / -

**Virus - X:** susceptible / 5

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

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

**Wart disease F1:** resistant / 10

**Wart disease F6:** - / -

**Wart disease F18:** - / -