

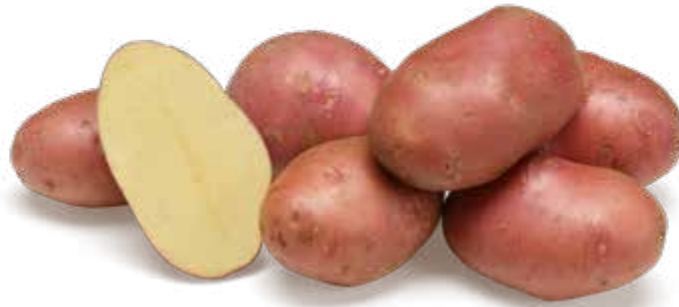
# Amorosa.

MARKET SEGMENT



A second early red skin ware variety with a good yield.

- ▶ Large tubers
- ▶ Good drought tolerance
- ▶ Good tolerance against bruising and damage



## CHARACTERISTICS

### General characteristics

**Breeder:** Agrico Research B.V.  
**Crossing:** ARINDA x IMPALA  
**Seedling:** AR 87-0103  
**Breeder rights:** 31-12-2029

### Plant and tuber characteristics

**Maturity:** second early / 6,5  
**Light sprout colour:** blue violet  
**Flower colour:** light purple  
**Number of berries:** below average / 5  
**Foliage: - initial development:** quite fast / 7  
**Foliage: - final development:** average / 7  
**Foliage: - selectability:** quite easy / 7  
**Foliage: - plant firmness:** average / 6

**Flesh colour:** light yellow / 6  
**Skin colour:** red  
**Skin finish:** good / 7  
**Tuber size:** large / 8  
**Tuber shape:** oval long  
**Regularity of tuber shape:** regular / 7  
**Tuberisation:** quite low / 5  
**Regularity size:** regular / 7

### Sensitivity and quality

**Dormancy:** short / 4  
**Metribuzin:** quite sensitive / 6  
**Bentazon:** - / -  
**Ethylene:** - / -

**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:** 349  
**Dry matter content:** 19,2%  
**Dry matter distribution:** - / -  
**TGA - level:** -

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



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

# HOW TO GROW

## Fertilization<sup>1</sup>

**Nitrogen:** standard advice + 10%. 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 twice can have a negative impact on yield and size regularity. Can be planted directly out of the cold store, preferably after a short heat shock.

## Planting distance

28/35 mm: 22-25 cm (54,000 plants/ha)

35/55 mm: 32-35 cm (40,000 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 delivery straight from the field or short 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:** very susceptible / 4

**Late blight-tuber:** slightly susceptible / 7

**Common scab:** susceptible / 5

**Powdery scab:** slightly susceptible / 6

**Fusarium:** slightly to not susceptible / 8

**Erwinia:** - / -

**Black dot:** - / -

**Spraing:** susceptible / 5

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

**Virus - A:** - / -

**Virus - X:** - / -

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

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

**Wart disease F1:** moderate susceptible / 8

**Wart disease F6:** slightly susceptible / 9

**Wart disease F18:** - / -