

# Adato.

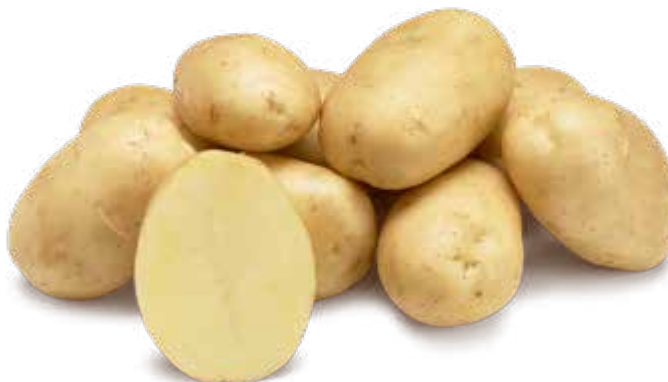
MARKET SEGMENT

**T**  
Traditional

**R**  
Retail  
Fresh

Early maincrop retail variety with quite large tubers and quite a high dry matter content.

- ▶ Good skin quality
- ▶ Good drought tolerance
- ▶ Suitable for cooking and home baked products



## CHARACTERISTICS

### General characteristics

**Breeder:** Lantmännens Seed B.V.  
**Crossing:** NICOLA x RED BARON  
**Seedling:** SW 04-0087  
**Breeder rights:** 31-12-2046

### Plant and tuber characteristics

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

**Flesh colour:** cream / 5,5  
**Skin colour:** yellow  
**Skin finish:** very good / 7,5  
**Tuber size:** quite large / 7,5  
**Tuber shape:** oval long  
**Regularity of tuber shape:** quite regular / 6,5  
**Tuberisation:** quite high / 7  
**Regularity size:** quite regular / 6,5

### Sensitivity and quality

**Dormancy:** quite short / 5,5  
**Metribuzin:** slightly sensitive / 7,5  
**Bentazon:** slightly to not sensitive / 8  
**Ethylene:** 5% to 15% more tubers / 6  
**Secondary growth:** quite sensitive / 6,5  
**Growth cracks:** quite sensitive / 6,5  
**Black spot (internal bruising):** quite sensitive / 6,5  
**Harvest damage:** quite sensitive / 6

**Underwater weight:** 374  
**Dry matter content:** 20,4%  
**Dry matter distribution:** - / -  
**TGA - level:** 4,56

**Crisping quality:** average / 6  
**Fries quality:** above average / 6,5  
**Cooking type:** floury / BC  
**Raw discolouration:** slightly sensitive / 7  
**Discolouration after cooking:** quite sensitive / 6,5



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

# 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 + 10%.

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

## Seed treatment

Desprouting once is optional. Can be planted directly out of the cold store, preferably after a short heat shock.

## Planting distance

28/35 mm: 22 cm (60,500 plants/ha)

35/55 mm: 25 cm (54,000 plants/ha)

## Weeds

After emerge, a standard use of metribuzin (Sencor) doesn't give foliage reaction or 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 5 °C. Suitable for medium 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-foliage:** susceptible / 5

**Late blight-tuber:** slightly susceptible / 7,5

**Common scab:** slightly susceptible / 6

**Powdery scab:** very susceptible / 2

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

**Erwinia:** - / -

**Black dot:** susceptible / 5

**Spraing:** slightly susceptible / 6

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

**Virus - A:** - / -

**Virus - X:** - / -

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

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

**Wart disease F1:** slightly susceptible / 9

**Wart disease F6:** - / -

**Wart disease F18:** - / -