

# Alicante.

MARKET SEGMENT

P

Processing  
Flakes, Crisps

Maincrop crising variety with uniformly sized tubers and a high dry matter content.

- ▶ Excellent crising quality
- ▶ Quite high tuberisation
- ▶ Multiple potato cyst nematodes resistances



## CHARACTERISTICS

### General characteristics

**Breeder:** Agrico Research B.V.  
**Crossing:** AR 97-3246 x AR 96-1218  
**Seedling:** AR 04-3799  
**Breeder rights:** 31-12-2046

### Plant and tuber characteristics

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

**Flesh colour:** yellow / 7  
**Skin colour:** yellow  
**Skin finish:** quite poor / 5  
**Tuber size:** quite large / 7  
**Tuber shape:** round oval  
**Regularity of tuber shape:** regular / 7  
**Tuberisation:** quite high / 7  
**Regularity size:** quite regular / 6

### Sensitivity and quality

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

**Secondary growth:** quite sensitive / 6,5  
**Growth cracks:** quite sensitive / 6  
**Black spot (internal bruising):** quite sensitive / 6  
**Harvest damage:** very sensitive / 4,5

**Underwater weight:** 490  
**Dry matter content:** 26,1%  
**Dry matter distribution:** good / 7,5  
**TGA - level:** 14,3

**Crisping quality:** good / 7  
**Fries quality:** average / 6  
**Cooking type:** floury / BC  
**Raw discolouration:** very sensitive / 4  
**Discolouration after cooking:** sensitive / 5



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

# HOW TO GROW

## Fertilization<sup>1</sup>

**Nitrogen:** standard advice + 5%.

**Phosphate:** standard advice.

**Potassium:** standard advice + 20%.

<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: 23 cm (58,000 plants/ha)

35/50 mm: 28 cm (47,500 plants/ha)

## Weeds

After emerge, a standard use of metribuzin (Sencor) doesn't give foliage reaction or yield reduction.

## Fungicides

A preventive spraying schedule against late blight is advised.

## Harvest

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

## Storage

For processing purposes, do not store below 9 °C. Suitable for short to medium term storage.



Say potato,  
say **Agrico.**

## Resistances

**Golden nematode Ro 1/4:** field resistant / 8

**Golden nematode Ro 2/3:** moderately susceptible / 5

**White nematode Pa 2:** resistant / 9

**White nematode Pa 3:** moderately susceptible / 6

**Late blight-foliage:** slightly susceptible / 6,5

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

**Common scab:** slightly susceptible / 6

**Powdery scab:** susceptible / 5,5

**Fusarium:** slightly susceptible / 7

**Erwinia:** - / -

**Black dot:** - / -

**Spraing:** susceptible / 5

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

**Virus - A:** - / -

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

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

**Virus - Yntn:** slightly susceptible / 7,5

**Wart disease F1:** resistant / 10

**Wart disease F6:** - / -

**Wart disease F18:** - / -