

# Allstar.

MARKET SEGMENT



Maincrop starch variety with a good starch yield and resistant to various types of potato wart diseases.

- ▶ Quite large tubers
- ▶ High dry matter content
- ▶ Multiple resistances



## CHARACTERISTICS

### General characteristics

**Breeder:** J.L. Spijkman  
**Crossing:** KURAS x SERESTA  
**Seedling:** SA 05-0204  
**Breeder rights:** 31-12-2045

### Plant and tuber characteristics

**Maturity:** maincrop / 4,5  
**Light sprout colour:** blue violet  
**Flower colour:** white  
**Number of berries:** none / 4  
**Foliage: - initial development:** quite fast / 7  
**Foliage: - final development:** good / 8  
**Foliage: - selectability:** average / 6  
**Foliage: - plant firmness:** quite firm / 7

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

### Sensitivity and quality

**Dormancy:** average / 6  
**Metribuzin:** slightly to not sensitive / 8  
**Bentazon:** slightly to not sensitive / 8  
**Ethylene:** 15% to 25% more tubers / 7

**Secondary growth:** quite sensitive / 6  
**Growth cracks:** slightly sensitive / 7  
**Black spot (internal bruising):** very sensitive / 4  
**Harvest damage:** sensitive / 5

**Underwater weight:** 508  
**Dry matter content:** 27%  
**Dry matter distribution:** - / -  
**TGA - level:** 10,1

**Crisping quality:** unsuitable / 5  
**Fries quality:** unsuitable / 4  
**Cooking type:** floury / C  
**Raw discolouration:** - / -  
**Discolouration after cooking:** very sensitive / 4



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

# 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 once is optional. Proper pre-sprouting after taking off the top sprout can give a positive result on the tuber set. A short heat shock or proper pre-sprouting is recommended.

## Planting distance

28/35 mm: 27 cm (50,000 plants/ha)

35/55 mm: 33 cm (40,000 plants/ha)

Allstar has long stolones, therefore plant the variety not too deep.

## 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

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:** susceptible / 4

**White nematode Pa 2:** moderately susceptible / 6

**White nematode Pa 3:** susceptible / 4

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

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

**Common scab:** slightly susceptible / 6

**Powdery scab:** slightly to not susceptible / 8

**Fusarium:** - / -

**Erwinia:** - / -

**Black dot:** - / -

**Spraing:** slightly susceptible / 6

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

**Virus - A:** - / -

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

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

**Virus - Yntn:** slightly to not susceptible / 9

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

**Wart disease F6:** resistant / 10

**Wart disease F18:** slightly susceptible / 9