

# Markies.

High yielding, all-round maincrop variety for French fries, crisping, fast food (QSR market) and fresh consumption.

- ▶ **Large tubers**
- ▶ **Multiple virus resistances**
- ▶ **Good storability**



**Processing**  
French fries  
Crisps



**Traditional**



## characteristics

### General characteristics

Breeder: Dr. R.J. Mansholt's Veredelingsbedrijf B.V.  
Crossing: FIANNA x AGRIA  
Breedersright: 31-12-2029  
Seedling: MA 85-0698

### Plant and tuber characteristics

Maturity: maincrop / 4  
Light sprout colour: blue violet / BV  
Flower colour: white / W  
Number of berries: below average / 6,5  
Foliage - initial development: quite fast / 7  
Foliage - final development: good / 8  
Foliage - firmness: firm / 8  
Skin colour: yellow / Y  
Flesh colour: light yellow / 6,5  
Skin finish: good / 7  
Tuber shape: oval long / OL  
Regularity of tuber shape: regular / 7  
Tuberisation: average / 6  
Tuber size: quite large / 7,5  
Regularity of size: regular / 7  
Dormancy: average / 6,5

### Sensitivity and quality

Secondary growth: quite sensitive / 6  
Black spot (internal bruising): slightly to not sensitive / 8  
Growth cracks: slightly sensitive / 7  
Harvest damage: sensitive / 5  
Metribuzin - pre-emergence: slightly sensitive / 7  
Metribuzin - post-emergence: slightly sensitive / 7  
Bentazon: quite sensitive / 6  
Ethylene: 5% to 15% more tubers / 6  
Underwater weight: 427  
Dry matter content: 22,8%  
Cooking type: floury / BC  
Discolouration (after cooking): quite sensitive / 6  
Raw discolouration: slightly sensitive / 7  
Fries quality: excellent / 8  
Dry matter distribution: good / 7,5  
Crisping quality: good / 7  
TGA-level: 3,4

# How to grow



[www.agricopotatoes.com](http://www.agricopotatoes.com)

## Fertilization <sup>1</sup>

**Nitrogen:** standard advice - 10%. Preferably in three applications, with second treatment shortly after tuberization.

**Phosphate:** standard advice.

**Potassium:** standard advice + 10%.

## Seed treatment

Proper pre-sprouting after taking off the top sprout can give a positive result on the tuber set. Desprouting once is optional.

## Planting distance

28/35 mm: 27 cm (50.000 plants/ha)

35/55 mm: 33 cm (40.000 plants/ha)

50/55 mm: 40 cm (33.000 plants/ha)

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

## Weeds

A standard use of metribuzin (Sencor), before or after emerge, can give some foliage reaction, but rarely any 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. For processing purposes, do not store below 7 °C. Suitable for medium term storage.



Say potato,  
say **Agrico.**

## Resistances

**Virus - Leaf roll:** slightly susceptible / 7

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

**Virus - Yntn (tuber):** slightly susceptible / 7

**Spraing:** very susceptible / 4

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

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

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

**Common scab:** susceptible / 5

**Powdery scab:** very susceptible / 3,5

**Black dot:** - / -

**Wart disease F1:** - / -

**Wart disease F6:** quite susceptible / 5

**Wart disease F18:** - / -

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

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

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

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