

Markies.

High yielding, all-round maincrop potato 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

Fertilization ¹

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)



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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.

¹ Level of fertilization is based on soil analysis.



**Say potato,
say Agrico.**

Resistances

Virus - Leaf roll: slightly susceptible / 7

Virus - Yn: slightly susceptible / 7,5

Virus - Yntn (tuber): slightly susceptible / 7

Spraying: 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: - / -