CULTIVATION RECOMMENDATION

Markies.

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

- **Excellent frying quality**
- **Good dry matter content**
- **Suitable for long term storage**

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
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 mg/100g

Agrico has taken all reasonable care in producing this variety description. However, please note that any information may be subject to change and Agrico accepts no responsibility for errors or omissions. In no event shall Agrico be liable for damages arising out of or related to the information contained within this description.

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How to grow

www.agricopotatoes.com

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)

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 ºC. For processing purposes, do not store below 7 ºC. Suitable for long 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
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: - / -

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