

Markies.

MARKET SEGMENT

T
Traditional

P
Processing
Crisps, French
fries

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

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



CHARACTERISTICS

General characteristics

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

Plant and tuber characteristics

Maturity: maincrop / 4
Light sprout colour: blue violet
Flower colour: white
Number of berries: above average / 6,5
Foliage: - initial development: quite fast / 7
Foliage: - final development: good / 8
Foliage: - selectability: average / 6,5
Foliage: - plant firmness: firm / 8

Flesh colour: light yellow / 6,5
Skin colour: yellow
Skin finish: good / 7
Tuber size: quite large / 7,5
Tuber shape: oval long
Regularity of tuber shape: regular / 7
Tuberisation: average / 6
Regularity size: regular / 7

Sensitivity and quality

Dormancy: average / 6,5
Metribuzin: slightly sensitive / 7
Bentazon: quite sensitive / 6
Ethylene: 5% to 15% more tubers / 6

Secondary growth: quite sensitive / 6
Growth cracks: slightly sensitive / 7
Black spot (internal bruising): slightly to not sensitive / 8
Harvest damage: sensitive / 5

Underwater weight: 427
Dry matter content: 22,8%
Dry matter distribution: good / 7,5
TGA - level: 3,4

Crisping quality: good / 7
Fries quality: excellent / 8
Cooking type: floury / BC
Raw discolouration: slightly sensitive / 7
Discolouration after cooking: quite sensitive / 6



www.agrico.nl/en/markies

HOW TO GROW

Fertilization¹

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

Phosphate: standard advice.

Potassium: standard advice + 10%.

¹ 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.

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

After emerge, a standard use of metribuzin (Sencor) can give some foliage reaction, but rarely any yield reduction.

Fungicides

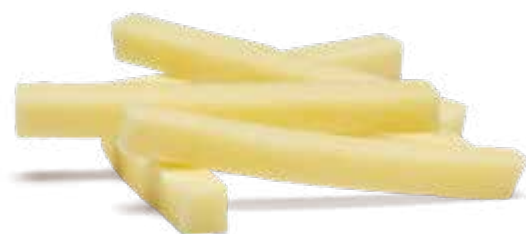
A preventive spraying schedule against late blight is advised.

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

Golden nematode Ro 1/4: resistant / 9

Golden nematode Ro 2/3: - / -

White nematode Pa 2: - / -

White nematode Pa 3: - / -

Late blight-foilage: slightly susceptible / 6,5

Late blight-tuber: slightly susceptible / 7

Common scab: susceptible / 5

Powdery scab: very susceptible / 3,5

Fusarium: slightly to not susceptible / 8

Erwinia: susceptible / 5

Black dot: - / -

Spraing: very susceptible / 4

Virus - Leaf Roll: slightly susceptible / 7

Virus - A: slightly to not susceptible / 8

Virus - X: slightly to not susceptible / 8

Virus - Yn: slightly susceptible / 7,5

Virus - Yntn: slightly susceptible / 7

Wart disease F1: - / -

Wart disease F6: quite susceptible / 5

Wart disease F18: - / -