

MARKIES

Rather late, nematode resistant variety with excellent processing qualities.

Maturity:	Late
Tubers:	
Shape	Oval
Colour of skin	Yellow
Colour of flesh	Light Yellow
Size	Big
Number	Average

Resistance to diseases:

Y-virus	Very good
Leaf roll	Good
Nematodes	Resistance (Ro1.4)
Common scab	Rather good
Foliage blight	Very Good
Tuber blight	Good
Breeder:	Mansholt, Vierhuizen
Crossing:	Fianna x Agria

General: Markies is a French Fries variety with a yellow skin and light yellow flesh colour. The big tubers are long oval with shallow eyes. The size is uniform and the yield is very high. The tuber number is average. The cooking type is flowery, the dry matter content is good, the fry quality is excellent and the cooking and crisp quality is very good. Markies has a very low sugar content and therefore a very low Acrylamid content after processing. Because of its slight susceptibility to spraing, avoid growing on pure sandy and peat soils. Markies is suitable for worldwide cultivation.

Maturity: Late

Cultivation Pre-sprouting after a temperature shock is recommended. Because of the late maturity do not plant directly out of cold store, which has also a negative effect on the tuber number. The plant distance at a tuber size of 35/55 is about 32 cm (4000 plants/ha). Because of its big tubers a good ridge is necessary. Sencor often gives some discoloration of the leaf and sometimes a little yield reduction. Markies has an early and good foliage development. Markies is rather susceptible to Early Bight, and early, preventative treatment against Alternaria is necessary. The foliage is firm with a good coverage. Markies is slightly susceptible to bruising. The susceptibility to black spot is low.

Fertilisation The recommendation for nitrogen is a little less than standard. A second application during the growing season can stimulate the tuber number. It is advised to use enough NO₃ for an earlier foliage development.

Storage Markies has a very good dormancy. At a temperature of 6 degrees Markies is suitable for a very long storage.

Resistance Markies is moderate susceptible to Common Scab and Erwinia. Resistance to A- and X-virus is very good and to Leafroll, Yn-virus and Fusarium good. Resistance to Late Blight and Tuber Blight is good. Markies is resistabt to PCN Ro1 and 4.

Destination Fresh consumption, French fries and crisps.

Distinction Excellent consumer quality combined with excellent processing qualities and attractive grading.

Agrico intends to keep this information as current as possible. Agrico cannot be held responsible for possible damage arising from the use of this information.