

# Markies.



(FIANNA x AGRIA)

**Market Outlet:**  
Chipping, Crisping,  
Processing & Organic

## General

Markies is a chipping and crisping variety with a yellow skin and light yellow flesh colour. Tubers are big, oval long with shallow eyes, of uniform size, and deliver high yields. With a floury cooking texture and excellent dry matter content, Markies fries well and is known to absorb less oil when fried for either chips or crisps. Markies has a very low sugar content and potentially very low acrylamide levels after processing. It has a slight susceptibility to Spraing so avoid growing on pure sandy or peat soils. Markies is suitable for cultivation worldwide.

## Maturity

Maincrop

## Cultivation

Chitting after warming up is recommended for best results. Being a late maturing variety, avoid planting directly out of cold store as it will have a negative effect on tuber numbers. The optimum planting distance for 35/55mm seed is about 33cm (40,000 plants per Ha). As the variety produces big tubers, a good ridge is necessary. Use of Metribuzin (eg. Sencorex) can often result in some discolouration of the leaves, and in turn a slight yield reduction. Markies produces a strong canopy and good soil coverage which can result in it being difficult to desiccate. Markies is susceptible to Alternaria (Early Blight) so a preventative treatment against this is advisable. Care should be taken at harvest to avoid bruising, and ensure natural senescence has started before haulm destruction. Its susceptibility to bruising is low.

## Fertiliser Treatment Suggestions

Apply a little less Nitrogen than the standard, having established residual levels available from prior cropping. A second application during the growing season can stimulate the tuber numbers. It is advised to use enough NO<sub>3</sub> for earlier foliage development.

## Storage

Markies has a very good dormancy at a temperature of 6°C. Markies stores well over long periods following a good harvest and initial drying.

## Resistance

Markies is moderately susceptible to Common Scab and Blackleg. Good resistance to Virus A and X, Leafroll, Virus Yn, Virus Yntn, and Fusarium (Dry Rot). With an appropriate crop protection regime it is also resistant to Foliage and Tuber Blight. Markies is resistant to PCN Ro1 & 4.

# Agronomic Information

Scoring (1= low / poor, 9= high / excellent)

## Average Yield

8.5

## Disease Resistance

## Quality

Tuber Shape	Oval Long
Uniformity of shape	7
Eye Depth	8
Skin Colour	Light Yellow
Flesh Colour	Light Yellow
Dry Matter (%)	23.2

Foliage Blight	7
Tuber Blight	7
Alternaria (Early Blight)	4
Common Scab	5
Powdery Scab	3

## Agronomy

Dormancy	8
Foliage Maturity	4
Tuber Number (score)	6
Resistance to damage	6
Resistance to bruising	7
Secondary Growth	7
Flower Colour	White

Virus Y	8
Virus Yntn	7
Virus A	8
Virus X	8
Spraing	7
Silver Scurf	
Fusarium (Dry Rot)	7
PCN—Ro1 & 4	Resistant
PCN—Pallida	Susceptible
Wart Disease	Susceptible
Leaf Roll Virus	7
Blackleg	5

Agrico UK, Castleton of Eassie, Forfar, Angus, DD8 1SJ  
T: +44 (0)1307 840 551 / E: potatoes@agrigo.co.uk  
www.agrigo.co.uk



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