

Marfona.

(PRIMURA x KO 51-0123)



Market Outlet:
Table, Baking & Organic

General

Marfona is a fresh table variety with a yellow skin and light yellow flesh. Tuber numbers are low and grading is regular. The tubers are big, oval round, of regular shape with shallow eyes. Dry matter content is moderate and cooking quality is firm. Cultivation can take place on most soil types, however Marfona is rather susceptible to Common Scab. The shape and size of tubers means Marfona is excellent for use as a baker.

Maturity

Early Maincrop

Cultivation

Pre-sprouting (chitting) is recommended. Removal of the sprouts more than once can have a negative effect on tuber numbers. Plant spacing at tuber size 35/55mm is 27cm (50,000 plants per Ha). Proper ridging is essential as tubers grow large and become green when not covered with soil. If correctly used, Metribuzin (eg. Sencorex) does not result in reduction of yield, but discolouration of foliage can be seen. Initial development is good and further development is fine. Foliage is strong and soil coverage is good. Susceptibility to bruising is low.

Fertiliser Treatment Suggestions

The recommendation for Nitrogen is 25kgs less than standard. The recommendation for Potassium is 10% more than standard and for phosphate is standard.

Storage

The dormancy of Marfona is good and therefore suitable for long term storage at a temperature 5°C.

Resistance

Marfona can be susceptible to Common Scab and somewhat susceptible to Fusarium (Dry Rot) and Foliage Blight. Resistance to Viruses Yntn, Yn, X and A, Spraing and Tuber Blight is good. Marfona is resistant to Wart Disease fysio 1.

Agronomic Information

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

Average Yield

8

Disease Resistance

Quality

Tuber Shape Oval Round

Uniformity of shape 6

Eye Depth 7

Skin Colour Yellow

Flesh Colour Pale Yellow

Dry Matter (%) 19

Foliage Blight 5

Tuber Blight 7

Alternaria (Early Blight)

Common Scab 4

Powdery Scab 6

Virus Y 7

Virus Yntn 7

Virus A 8

Virus X 7

Spraing 7

Silver Scurf

Fusarium (Dry Rot) 5

PCN—Ro1 Susceptible

PCN—Pallida Susceptible

Wart Disease (1) Resistant

Leaf Roll Virus 6

Blackleg 6

Agronomy

Dormancy 7

Foliage Maturity 7

Tuber Number (score) 5

Resistance to damage 8

Resistance to bruising 6

Secondary Growth 8

Flower Colour White

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