

Performer. (NIKA x INNOVATOR)



Market Outlet:
Chipping, Processing & Baking

General

Performer is a PCN *G. Pallida* resistant and tolerant processing variety. Field trials conducted over many years have consistently shown that Performer significantly reduces the population of *G. Pallida* in the soil, whilst producing a good yield, even when untreated with nematicide. The variety is gaining popularity as a tasty chipper in the fish & chip shop market. It has a yellow skin and a pale yellow flesh colour, and due to its superb uniformity of shape with big, oval long tubers, it is ideally suited for processing. With a floury texture, Performer also eats well as a baker. Although tuber numbers can be lower than other varieties, its marketable yield is very high with low wastage, producing big, bold tubers of 45mm upwards. It has a good dry matter content and is well suited for long term storage. Performer can be cultivated on most soil types but is a little susceptible to Common Scab. Performer is suitable for growing in Western Europe.

Maturity

Maincrop

Cultivation

Pre-sprouting (chitting) or a temperature shock is necessary to achieve good tuber numbers. Cut seed has been found to work well in the right circumstances. The planting distance at tuber size 35/55mm is approximately 33cm (40,000 plants per Ha). A good ridge is recommended to avoid green tubers. Use of Metribuzin (eg. Sencorex) can often give some leaf reaction and yield reduction. Performer has a good initial and subsequent leaf development, with strong foliage. Performer is slightly susceptible to bruising. A strict preventative spraying schedule against Late Blight is necessary, as Performer is quite susceptible to it.

Fertiliser Treatment Suggestions

The recommendation for Nitrogen application is standard. A second application during the growing season can have a positive influence on tuber numbers. The recommendation for Phosphate and Potassium is standard.

Storage

Performer has a long dormancy and can be stored well for a long period if maintained at a temperature of 7°C.

Resistance

Performer is a little susceptible to Common Scab and Blight. The resistance to Virus Yn is good. Performer is resistant to PCN Pa2 and partially resistant to Pa3.

Agronomic Information

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

Average Yield

8

Disease Resistance

Quality

Tuber Shape Oval Long

Uniformity of shape 7

Eye Depth 8

Skin Colour Yellow

Flesh Colour Pale Yellow

Dry Matter (%) 22.3

Foliage Blight 5

Tuber Blight 5

Alternaria (Early Blight)

Common Scab 5

Powdery Scab 5

Virus Y 8

Virus Yntn 6

Virus A

Virus X 6

Spraing 7

Silver Scurf

Fusarium (Dry Rot) 7

PCN—Ro1 & 4 Partially resistant

PCN—Pallida (Pa2=9, Pa3=6)

Wart Disease Resistant

Agronomy

Dormancy 8

Foliage Maturity 5

Tuber Number (score) 4.5

Resistance to damage 6.5

Resistance to bruising 7

Secondary Growth 7

Flower Colour White

Leaf Roll Virus

Blackleg 6

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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