

# 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

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