

# Rudolph.



Traditional

An early maincrop ware potato variety with an attractive red skin, a good heat tolerance and a very high yield.

- ▶ **White flesh colour**
- ▶ **Large tubers**
- ▶ **Good storability**



## characteristics

### General characteristics

Breeder: Agrico Research B.V.  
 Crossing: CHIEFTAIN x STIRLING  
 Breedersright: 31-12-2035  
 Seedling: UK 93-1-2

### Plant and tuber characteristics

Maturity: early maincrop / 5,5  
 Light sprout colour: red violet / RV  
 Flower colour: light purple / LP  
 Number of berries: average / 6  
 Foliage - initial development: average / 6  
 Foliage - final development: good / 8  
 Foliage - firmness: firm / 8  
 Skin colour: red / R  
 Flesh colour: white / 4  
 Skin finish: good / 7  
 Tuber shape: oval round / OR  
 Regularity of tuber shape: quite regular / 6  
 Tuberisation: quite low / 5  
 Tuber size: large / 8  
 Regularity of size: regular / 7  
 Dormancy: quite long / 7

### Sensitivity and quality

Secondary growth: quite sensitive / 6,5  
 Black spot (internal bruising): slightly sensitive / 7  
 Growth cracks: quite sensitive / 6  
 Harvest damage: quite sensitive / 6  
 Metribuzin - pre-emergence: slightly to not sensitive / 8  
 Metribuzin - post-emergence: slightly sensitive / 7,5  
 Bentazon: - / -  
 Ethylene: 5% to 15% more tubers / 6  
 Underwater weight: 376  
 Dry matter content: 20,5%  
 Cooking type: rather firm / AB  
 Discolouration (after cooking): quite sensitive / 6,5  
 Raw discolouration: - / -  
 Fries quality: above average / 6,5  
 Dry matter distribution: - / -  
 Crisping quality: below average / 5,5  
 TGA-level: 5,5


[www.agricopotatoes.com](http://www.agricopotatoes.com)

# How to grow

## Fertilization <sup>1</sup>

**Nitrogen:** standard advice + 5%. Preferably as split application, second treatment shortly after tuberization.

**Phosphate:** standard advice.

**Potassium:** standard advice + 10%.

## Seed treatment

A short heat shock or proper pre-sprouting is recommended. Proper pre-sprouting after taking off the top sprout can give a positive result on the tuber set. Desprouting once is optional.

## Planting distance

28/35 mm: 25 cm (54.000 plants/ha)

35/55 mm: 33 cm (40.000 plants/ha)

<sup>1</sup> Level of fertilization is based on soil analysis.

## Weeds

A standard use of metribuzin (Sencor), before or after emerge, can give some foliage reaction and some yield reduction.

## Fungicides

A strict preventive spraying schedule against late blight is necessary.

## Harvest

Due to its sensitivity scores for black spot and/or harvest damage, wait at least three weeks after haulm killing before harvest.

## Storage -

Preferred storage temperature is 5 °C. For processing purposes, do not store below 7 °C. Suitable for long term storage.



## Resistances

Virus - Leaf roll: - / -

Virus - Yn: susceptible / 5

Virus - Yntn (tuber): slightly susceptible / 7

Spraing: slightly susceptible / 7

Late blight - foliage: susceptible / 5,5

Late blight - tuber: susceptible / 5,5

Fusarium: slightly susceptible / 6

Common scab: susceptible / 5

Say potato,  
say **Agrico.**

Powdery scab: slightly susceptible / 7

Black dot: slightly susceptible / 7

Wart disease F1: resistant / 10

Wart disease F6: moderately susceptible / 8

Wart disease F18: - / -

Golden nematode Ro 1/4: - / -

Golden nematode Ro 2/3: - / -

White nematode Pa 2: - / -

White nematode Pa 3: - / -