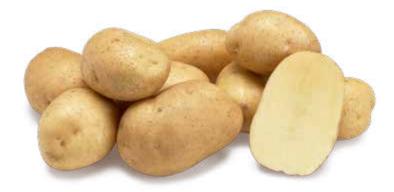
# Diamant.

MARKET SEGMENT

Traditional

A versatile, early maincrop variety with good heat tolerance, a high yield and suitable for home fries.

- Excellent frying quality
- Good virus resistances
- Suitable for a second crop



# **CHARACTERISTICS**

# **General characteristics**

Breeder: Precardi

**Crossing: CARDINAL MUTANT** 

Seedling: -

Breeder rights: Expired

#### Plant and tuber characteristics

**Maturity:** early maincrop / 6 **Light sprout colour:** red violet

Flower colour: purple

Number of berries: none / 4

Foliage: - initial development: quite fast / 7
Foliage: - final development: good / 8
Foliage: - selectability: quite easy / 7

Foliage: - plant firmness: firm / 8

Flesh colour: light yellow / 6

Skin colour: yellow Skin finish: average / 6 Tuber size: quite large / 7

Tuber shape: oval

Regularity of tuber shape: quite regular / 6

**Tuberisation:** quite high / 7 **Regularity size:** quite regular / 6

### Sensitivity and quality

Dormancy: quite short / 5

Metribuzin: slightly to not sensitive / 8

Bentazon: - / -Ethylene: - / -

Secondary growth: slightly sensitive / 7
Growth cracks: slightly to not sensitive / 8
Black spot (internal bruising): sensitive / 5

Harvest damage: quite sensitive / 6

Underwater weight: 420
Dry matter content: 23%
Dry matter distribution: - / -

TGA - level: 10,2

**Crisping quality:** average / 6 **Fries quality:** good / 7

Cooking type: rather floury / B

Raw discolouration: - / -

Discolouration after cooking: very sensitive / 4





# **HOW TO GROW**

www.agrico.nl/en/diamant

## Fertilization<sup>1</sup>

Nitrogen: standard advice + 5%.

Phosphate: standard advice.

Potassium: standard advice + 20%.

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

#### **Seed treatment**

Desprouting once is optional. Proper pre-sprouting after taking off the top sprout can give a positive result on the tuber set.

# **Planting distance**

28/35 mm: 25 cm (54,000 plants/ha) 35/55 mm: 30 cm (45,000 plants/ha)

#### Weeds

After emerge, a standard use of metribuzin (Sencor) doesn't give foliage reaction or 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 delivery straight from the field or short term storage.



#### Resistances

Golden nematode Ro 1/4: resistant / 9 Golden nematode Ro 2/3: - / -White nematode Pa 2: - / -White nematode Pa 3: - / -

**Late blight-foliage:** slightly susceptible / 6 **Late blight-tuber:** slightly susceptible / 7

Common scab: very susceptible / 4,5 Powdery scab: very susceptible / 3

**Fusarium:** susceptible / 5 **Erwinia:** slightly susceptible / 6

Black dot: - / -

Spraing: slightly susceptible / 6



Virus - Leaf Roll: slightly susceptible / 6 Virus - A: slightly to not susceptible / 9

Virus - X: slightly susceptible / 7
Virus - Yn: slightly susceptible / 7
Virus - Yntn: slightly susceptible / 7

Wart disease F1: resistant / 10

Wart disease F6: quite susceptible / 6

Wart disease F18: - / -

