

Diamant.

MARKET SEGMENT



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



www.agrico.nl/en/diamant

HOW TO GROW

Fertilization¹

Nitrogen: standard advice + 5%.

Phosphate: standard advice.

Potassium: standard advice + 20%.

¹ 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.



Say potato,
say **Agrico.**

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: - / -