

Diamant.

Cultivation recommendation ware / 1-2

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



General characteristics

- Breeder: Precardi
- Breeders right: expired
- Crossing: CARDINAL MUTANT
- Seedling:

Market segment

- Traditional

T

Plant and tuber characteristics

Maturity	early maincrop / 6
Flower colour	purple
Number of berries	none / 4
Foliage: - initial development	quite fast / 7
Foliage: - final development	firm / 8
Foliage: - selectability	quite easy / 7
Foliage: - plant firmness	firm / 8
Flesh colour	light yellow / 6
Skin colour	yellow
Skin finish	quite good / 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	minimum to none sensitive / 8
Bentazon	not tested / -
Ethylene	not tested / -
Second growth	minimum sensitive / 7
Growth cracks	minimum 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	not tested / -
TGA - level	10,2
Crisp quality	average / 6
Fries quality	good / 7
Cooking type	rather floury / B
Raw discolouration	not tested / -
After-cooking darkening	very sensitive / 4

Say potato,
say **Agrico.**

Agrico has taken all reasonable care in producing this variety description. However, please note that any information may be subject to change and Agrico accepts no responsibility for errors or omissions. In no event shall Agrico be liable for damages arising out of or related to the information contained within this description.

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Resistances

Golden nematode Ro 1/4	resistant / 9
Golden nematode Ro 2/3	not marked / -
White nematode Pa 2	not marked / -
White nematode Pa 3	not marked / -

Late blight-foilage	minimum susceptible / 6
Late blight-tuber	minimum susceptible / 7

Common scab	very susceptible / 4,5
Powdery scab	very susceptible / 3
Fusarium	susceptible / 5
Erwinia	minimum susceptible / 6
Black dot	not tested / -
Spraing	minimum susceptible / 6

Virus - Leaf Roll	minimum susceptible / 6
Virus - A	minimum to not susceptible / 9
Virus - X	minimum susceptible / 7
Virus - Yn	minimum susceptible / 7
Virus - Yntn (tuber)	minimum susceptible / 7

Wart disease F1	resistant / 10
Wart disease F6	quite susceptible / 6
Wart disease F18	not marked / -

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.
The best method to have a good tuber set, is proper pre-sprouting after taking off the top sprout before planting.

Planting distance

28/35: 25 cm (54000 plants/ha)
35/55: 30 cm (45000 plants/ha)

Weeds

Use of metribuzin (Sencor) doesn't give problems.

Fungicides

A strict preventative spraying schedule against late blight is necessary, as Diamant is quite susceptible.

Harvest

Wait at least three weeks after haulm killing before harvesting, as Diamant is sensitive to black spot and quite sensitive to harvest damage.

Storage

Diamant has a short dormancy and is suitable for delivery straight from the field and also short term storage at 5°C, for processing purpose store not below 7°C.

Say
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say **Agrico.**

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