Agata.

First early, rather firm cooking ware variety with an attractive smooth skin and a high yield.

- ✓ Uniform tuber shape and size
- ✓ Good virus resistances
- ✓ Good tolerance against bruising and damage

General characteristics

- **Breeder:** **Lantmännen Seed B.V.**
- **Breeders right:** **expired**
- **Crossing:** **BM 72-0052 x SIRCO**
- **Seedling:** **GE 77-0134**

Market segment

T R

- **Traditional**
- **Retail** | Fresh

Plant and tuber characteristics

Maturity	first early / 8
Flower colour	white
Number of berries	quite few / 5
Foliage: - initial development	fast / 8
Foliage: - final development	firm / 8
Foliage: - selectability	average / 6,5
Foliage: - plant firmness	average / 6
Flesh colour	light yellow / 6
Skin colour	yellow
Skin finish	excellent / 8
Tuber size	quite large / 7
Tuber shape	oval
Regularity of tuber shape	regular / 7
Tuberisation	high / 8
Regularity size	quite regular / 6

Sensitivity and quality

Dormancy	short / 4
Metribuzin	quite sensitive / 6
Bentazon	not tested / -
Ethylene	5% fewer to 5% more tubers / 5
Second growth	quite sensitive / 6
Growth cracks	quite sensitive / 6
Black spot (internal bruising)	minimum to not sensitive / 8
Harvest damage	minimum sensitive / 7
Underwater weight	316
Dry matter content	17,6%
Dry matter distribution	not tested / -
TGA - level	8
Crisp quality	insufficient / 4
Fries quality	insufficient / 4
Cooking type	rather firm / AB
Raw discolouration	quite sensitive / 6,5
After-cooking darkening	quite sensitive / 6

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 tot he 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-foliage	susceptible / 5
Late blight-tuber	minimum susceptible / 6
Common scab	susceptible / 5
Powdery scab	minimum susceptible / 6
Fusarium	susceptible / 5
Erwinia	susceptible / 5
Black dot	minimum susceptible / 6,5
Spraing	minimum susceptible / 6,5
Virus - Leaf Roll	minimum susceptible / 6
Virus - A	not tested / -
Virus - X	susceptible / 5
Virus - Yn	minimum susceptible / 7
Virus - Yntn (tuber)	minimum to not susceptible / 8
Wart disease F1	resistant / 10
Wart disease F6	not marked / -
Wart disease F18	not marked / -

Say growth, say Agrico.

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Fertilization[1]

Nitrogen: standard advice + 20%, preferable as split application and the second gift during tuberisation.
Phosphate: standard advice
Potassium: standard advice

[1] Level of fertilization is based on soil analysis.

Seed treatment

Desprouting can be done, but not more than once.
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: 20 cm (67000 plants/ha)
35/50: 27 cm (50000 plants/ha)

Weeds

Use of metribuzin (Sencor) can give some discolouration of the foliage and yield reduction.

Fungicides

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

Harvest

Two weeks after accurate haulm killing is usually sufficient, as Agata is not sensitive to harvest damage and black spot.

Storage

Agata has an short dormancy, but is suitable for long term storage under refrigerated storing conditions by 3°C or 4°C.

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