

Madeleine.

Cultivation recommendation ware / 1-2

A second early ware variety with good consumption characteristics, good resistance to viruses and a high yield.

- ✓ Rather firm cooking
- ✓ Large tubers
- ✓ Uniform tuber size



General characteristics

- **Breeder:** Dr. R.J. Mansholt's Veredelingsbedrijf B.V.
- **Breeders right:** 31-12-2034
- **Crossing:** LEYLA x KO 85-1002
- **Seedling:** MA 93-0069

Market segment

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



Plant and tuber characteristics

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

Sensitivity and quality

Dormancy	average / 6
Metribuzin	minimum to none sensitive / 8
Bentazon	quite sensitive / 6
Ethylene	not tested / -
Second growth	quite sensitive / 6,5
Growth cracks	quite sensitive / 6
Black spot (internal bruising)	minimum sensitive / 7,5
Harvest damage	sensitive / 5
Underwater weight	339
Dry matter content	18,7%
Dry matter distribution	not tested / -
TGA - level	4,3
Crisp quality	insufficient / 4
Fries quality	insufficient / 4,5
Cooking type	rather firm / AB
Raw discolouration	quite sensitive / 6
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 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-foliage	susceptible / 5
Late blight-tuber	minimum susceptible / 7

Common scab	susceptible / 5
Powdery scab	minimum susceptible / 6,5
Fusarium	minimum to not susceptible / 8
Erwinia	susceptible / 5
Black dot	minimum susceptible / 6
Spraing	minimum susceptible / 7

Virus - Leaf Roll	not tested / -
Virus - A	not tested / -
Virus - X	minimum susceptible / 6,5
Virus - Yn	minimum to not susceptible / 8
Virus - Yntn (tuber)	minimum susceptible / 6

Wart disease F1	resistant / 10
Wart disease F6	not marked / -
Wart disease F18	not marked / -

Fertilization¹

Nitrogen: standard advice + 5%
Phosphate: standard advice
Potassium: standard advice + 10%

¹ Level of fertilization is based on soil analysis.

Seed treatment

Don't plant straight from the cold store, 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: 22 cm (60500 plants/ha)
35/55: 27 cm (50000 plants/ha)

Weeds

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

Fungicides

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

Harvest

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

Storage

Madeleine has an average dormancy and is suitable for medium term storage (6 months) at 4°C.

Say
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