

Loreley.

MARKET SEGMENT



Second early salad variety with a good tuber set and a good dry matter content.

- ▶ Firm cooking
- ▶ Beautiful appearance
- ▶ Good Y-virus resistances



CHARACTERISTICS

General characteristics

Breeder: Agrico Research B.V.
Crossing: MA 98-0322 x AR 98-0341
Seedling: AR 05-1440
Breeder rights: 31-12-2046

Plant and tuber characteristics

Maturity: second early / 7
Light sprout colour: red violet
Flower colour: white
Number of berries: none / 4
Foliage: - initial development: quite fast / 7,5
Foliage: - final development: good / 8
Foliage: - selectability: average / 6,5
Foliage: - plant firmness: average / 6

Flesh colour: yellow / 7,5
Skin colour: yellow
Skin finish: very good / 7,5
Tuber size: quite large / 7
Tuber shape: long oval
Regularity of tuber shape: regular / 7
Tuberisation: quite high / 7
Regularity size: regular / 7

Sensitivity and quality

Dormancy: average / 6
Metribuzin: quite sensitive / 6
Bentazon: slightly sensitive / 7
Ethylene: 5% to 15% more tubers / 6

Secondary growth: slightly sensitive / 7
Growth cracks: slightly sensitive / 7
Black spot (internal bruising): slightly sensitive / 7
Harvest damage: quite sensitive / 6

Underwater weight: 359
Dry matter content: 19,7%
Dry matter distribution: excellent / 8
TGA - level: 8,45

Crisping quality: unsuitable / 5
Fries quality: unsuitable / 4
Cooking type: firm / A
Raw discolouration: sensitive / 5
Discolouration after cooking: slightly sensitive / 7



www.agrico.nl/en/loreley

HOW TO GROW

Fertilization¹

Nitrogen: standard advice.

Phosphate: standard advice.

Potassium: standard advice + 10%.

¹ Level of fertilization is based on soil analysis

Seed treatment

Desprouting can have a negative impact on yield and size regularity. Can be planted directly out of the cold store, preferably after a short heat shock.

Planting distance

30/40 mm: 23 cm (58,000 plants/ha)

40/50 mm: 26 cm (51,500 plants/ha)

Weeds

After emerge, a standard use of metribuzin (Sencor) can give some foliage reaction and some 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. Suitable for medium 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-foilage: very susceptible / 4

Late blight-tuber: slightly susceptible / 6

Common scab: slightly susceptible / 6

Powdery scab: susceptible / 5

Fusarium: slightly susceptible / 6,5

Erwinia: - / -

Black dot: slightly susceptible / 6

Spraing: very susceptible / 4,5

Virus - Leaf Roll: - / -

Virus - A: - / -

Virus - X: - / -

Virus - Yn: slightly to not susceptible / 8

Virus - Yntn: slightly to not susceptible / 8

Wart disease F1: resistant / 10

Wart disease F6: - / -

Wart disease F18: - / -