

Leonore (AR 13-1059).

An early processing potato variety with early a good yield and dry matter content.

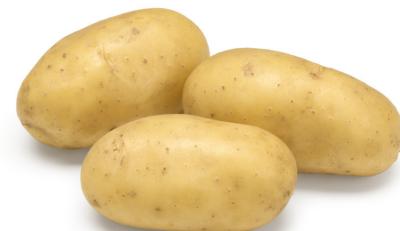
- ▶ **Early maturity**
- ▶ **Good virus resistance**
- ▶ **Long oval tubers with nice skin finish**



Processing
French fries



Traditional



characteristics

General characteristics

Breeder: Agrico Research B.V.

Crossing: EXCELLENCY x AR 06-3754

Seedling: AR 13-1059

Plant and tuber characteristics

Maturity: early / 7,5

Light sprout colour: - / -

Flower colour: white / W

Number of berries: none / 8

Foliage - initial development: fast / 8

Foliage - final development: good / 8

Foliage - firmness: quite firm / 7

Skin colour: yellow / Y

Flesh colour: yellow / 7

Skin finish: good / 7

Tuber shape: long oval / LO

Regularity of tuber shape: quite regular / 6

Tuberisation: average / 6,5

Tuber size: quite large / 7,5

Regularity of size: quite regular / 6,5

Dormancy: average / 6

Sensitivity and quality

Secondary growth: quite sensitive / 6,5

Black spot (internal bruising): slightly to not sensitive / 8

Growth cracks: quite sensitive / 6,5

Harvest damage: quite sensitive / 6,5

Metribuzin - pre-emergence: quite sensitive / 6,5

Metribuzin - post-emergence: slightly sensitive / 7

Bentazon: - / -

Ethylene: 5% fewer to 5% more tubers / 5

Underwater weight: 397

Dry matter content: 21,5%

Cooking type: floury / BC

Discolouration (after cooking): slightly sensitive / 7

Raw discolouration: very sensitive / 4,5

Fries quality: good / 7

Dry matter distribution: good / 7,5

Crisping quality: - / -

TGA-level: 6,7

How to grow

Fertilization ¹

Nitrogen: standard advice + 10%.

Phosphate: standard advice.

Potassium: standard advice.

Seed treatment

Desprouting more than once can have a negative impact on yield and size regularity.

Planting distance

28/35 mm: 24 cm (55.000 plants/ha)

35/55 mm: 31 cm (42.000 plants/ha)

Plant Leonore a bit deeper than other varieties to avoid green tubers.



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Weeds

A standard use of metribuzin (Sencor), before or after emerge, can give some foliage reaction, but rarely any 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 two weeks after haulm killing before harvest.

Storage - .

Preferred storage temperature is 7 °C. Suitable for delivery straight from the field or short term storage.

¹ Level of fertilization is based on soil analysis.



**Say potato,
say Agrico.**

Resistances

Virus - Leaf roll: - / -

Virus - Yn: slightly susceptible / 7,5

Virus - Yntn (tuber): slightly susceptible / 6

Sprouting: susceptible / 5,5

Late blight - foliage: very susceptible / 3,5

Late blight - tuber: susceptible / 5

Fusarium: slightly susceptible / 6

Common scab: slightly susceptible / 6

Powdery scab: very susceptible / 3

Black dot: susceptible / 5

Wart disease F1: resistant / 10

Wart disease F6: - / -

Wart disease F18: - / -

Golden nematode Ro 1/4: resistant / 9

Golden nematode Ro 2/3: - / -

White nematode Pa 2: - / -

White nematode Pa 3: - / -