

# Leonore (AR 13-1059).

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

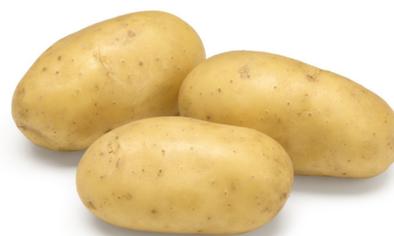


**Processing**  
French fries



**Traditional**

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



## 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

**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



[www.agricopotatoes.com](http://www.agricopotatoes.com)

## Fertilization <sup>1</sup>

**Nitrogen:** standard advice + 10%.

**Phosphate:** standard advice.

**Potassium:** standard advice.

## Seed treatment

Desprouting 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.

## 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.

<sup>1</sup> 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

**Spraing:** 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:** - / -