

# Esmee.

A second early ware variety with a nice red skin, good heat tolerance and a good yield.

- ▶ **Beautiful appearance**
- ▶ **Large tubers**
- ▶ **Multiple virus resistances**



**Retail  
Fresh**



**Traditional**



## characteristics

### General characteristics

**Breeder:** Agrico Research B.V.

**Crossing:** LAURA x RODEO

**Breedersright:** 31-12-2043

**Seedling:** AR 01-0410

### Plant and tuber characteristics

**Maturity:** second early / 6,5

**Light sprout colour:** red violet / RV

**Flower colour:** light purple / LP

**Number of berries:** very high / 4

**Foliage - initial development:** quite fast / 7

**Foliage - final development:** quite good / 7,5

**Foliage - firmness:** quite firm / 7

**Skin colour:** red / R

**Flesh colour:** yellow / 7

**Skin finish:** excellent / 8

**Tuber shape:** oval long / OL

**Regularity of tuber shape:** quite regular / 6,5

**Tuberisation:** average / 6

**Tuber size:** large / 8

**Regularity of size:** regular / 7

**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

**Harvest damage:** quite sensitive / 6,5

**Metribuzin - pre-emergence:** very sensitive / 4

**Metribuzin - post-emergence:** slightly sensitive / 7

**Bentazon:** slightly sensitive / 7

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

**Underwater weight:** 326

**Dry matter content:** 18%

**Cooking type:** rather firm / AB

**Discolouration (after cooking):** sensitive / 5,5

**Raw discolouration:** quite sensitive / 6

**Fries quality:** average / 6

**Dry matter distribution:** - / -

**Crisping quality:** unsuitable / 4

**TGA-level:** 8,2



# How to grow

## Fertilization <sup>1</sup>

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

**Phosphate:** standard advice.

**Potassium:** standard advice.

## Seed treatment

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

## Planting distance

28/35 mm: 25 cm (54.000 plants/ha)

35/55 mm: 30 cm (45.000 plants/ha)

## Weeds

Do not use metribuzin (Sencor), as it gives a severe foliage reaction and a serious 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.

<sup>1</sup> Level of fertilization is based on soil analysis.



Say potato,  
say **Agrico.**

## Resistances

**Virus - Leaf roll:** - / -

**Virus - Yn:** slightly to not susceptible / 8

**Virus - Yntn (tuber):** slightly susceptible / 7

**Spraing:** very susceptible / 4

**Late blight - foliage:** very susceptible / 4,5

**Late blight - tuber:** slightly susceptible / 7

**Fusarium:** slightly susceptible / 7

**Common scab:** slightly susceptible / 6

**Powdery scab:** slightly susceptible / 6,5

**Black dot:** susceptible / 5,5

**Wart disease F1:** resistant / 10

**Wart disease F6:** - / -

**Wart disease F18:** - / -

**Golden nematode Ro 1/4:** - / -

**Golden nematode Ro 2/3:** - / -

**White nematode Pa 2:** - / -

**White nematode Pa 3:** - / -