

Esme.

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

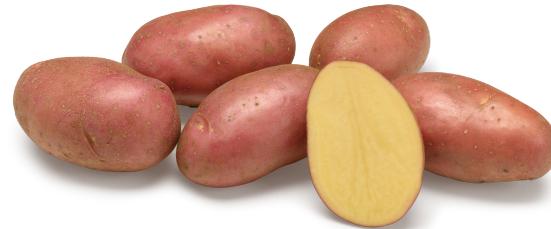
- ▶ **Beautiful appearance**
- ▶ **Large tubers**
- ▶ **Multiple virus resistances**



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 ¹

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)



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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.

¹ 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

Spraying: 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: - / -