CULTIVATION RECOMMENDATION

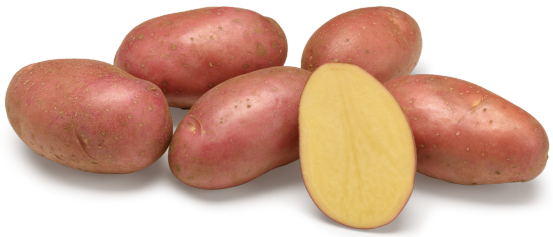
Esmee.

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

Agrico has taken all reasonable care in producing this variety description. However, please note that any information may be subject to change and Agrico accepts no responsibility for errors or omissions. In no event shall Agrico be liable for damages arising out of or related to the information contained within this description.

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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)

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 ºC. 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
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: - / -

Agrico Ukraine • 3 Kovpaka street • Kyiv • 03150 • Ukraine
+38 067 1000 454 • +38 099 1000 454 potato@agrico.com.ua www.agrico.com.ua

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