

Artemis.

A second early ware potato variety with an excellent yield and perfect for home fries.

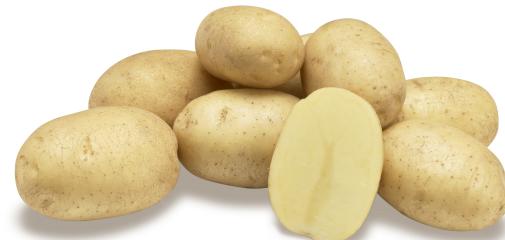
- ▶ **Excellent home frying quality**
- ▶ **Good tolerance against bruising and damage**
- ▶ **Multiple resistances**



Retail
Fresh



Traditional



characteristics

General characteristics

Breeder: Agrico Research B.V.

Crossing: RIANTA x RENSKA

Breedersright: 31-12-2029

Seedling: AR 87-0039

Plant and tuber characteristics

Maturity: second early / 7

Light sprout colour: green / G

Flower colour: white / W

Number of berries: very high / 4

Foliage - initial development: quite fast / 7,5

Foliage - final development: average / 7

Foliage - firmness: average / 6

Skin colour: yellow / Y

Flesh colour: light yellow / 6

Skin finish: good / 7

Tuber shape: oval long / OL

Regularity of tuber shape: regular / 7

Tuberisation: quite high / 7

Tuber size: quite large / 7

Regularity of size: regular / 7

Dormancy: quite short / 5,5

Sensitivity and quality

Secondary growth: quite sensitive / 6,5

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

Growth cracks: slightly sensitive / 7

Harvest damage: quite sensitive / 6,5

Metribuzin - pre-emergence: quite sensitive / 6

Metribuzin - post-emergence: quite sensitive / 6

Bentazon: - / -

Ethylene: - / -

Underwater weight: 375

Dry matter content: 20,4%

Cooking type: rather floury / B

Discolouration (after cooking): quite sensitive / 6

Raw discolouration: - / -

Fries quality: average / 6

Dry matter distribution: - / -

Crisping quality: average / 6

TGA-level: 4,9

How to grow

Fertilization ¹

Nitrogen: standard advice + 10%.

Phosphate: standard advice.

Potassium: standard advice.

Seed treatment

Preferably plant the tubers into warm soil, as the initial development of this variety is slow. Proper pre-sprouting after taking off the top sprout can give a positive result on the tuber set.

Planting distance

28/35 mm: 27 cm (50.000 plants/ha)

35/55 mm: 33 cm (40.000 plants/ha)



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Weeds

A standard use of metribuzin (Sencor), before or after emerge, can give some foliage reaction and some 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 5 °C. For processing purposes, do not store below 7 °C. Suitable for medium term storage.

¹ Level of fertilization is based on soil analysis.



**Say potato,
say Agrico.**

Resistances

Virus - Leaf roll: slightly susceptible / 7

Virus - Yn: slightly susceptible / 6,5

Virus - Yntn (tuber): slightly to not susceptible / 8

Sprouting: slightly susceptible / 6

Late blight - foliage: susceptible / 5

Late blight - tuber: slightly to not susceptible / 8

Fusarium: susceptible / 5

Common scab: susceptible / 5,5

Powdery scab: susceptible / 5,5

Black dot: slightly susceptible / 7

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: - / -