

Artemis.

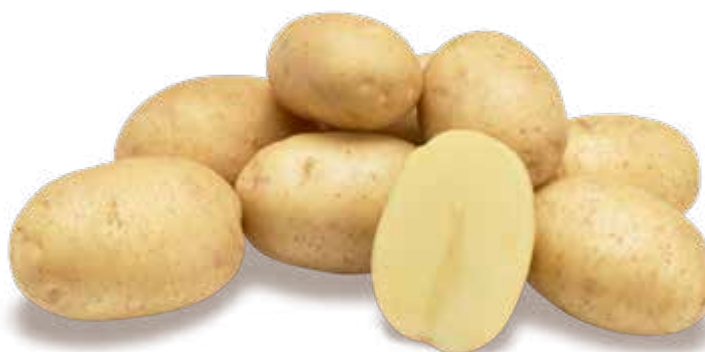
MARKET SEGMENT

T
Traditional

R
Retail
Fresh

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

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



CHARACTERISTICS

General characteristics

Breeder: Agrico Research B.V.
Crossing: RIANTA x RENSKA
Seedling: AR 87-0039
Breeder rights: 31-12-2029

Plant and tuber characteristics

Maturity: second early / 7
Light sprout colour: green
Flower colour: white
Number of berries: none / 4
Foliage: - initial development: quite fast / 7,5
Foliage: - final development: average / 7
Foliage: - selectability: quite easy / 7
Foliage: - plant firmness: average / 6

Flesh colour: light yellow / 6
Skin colour: yellow
Skin finish: good / 7
Tuber size: quite large / 7
Tuber shape: oval long
Regularity of tuber shape: regular / 7
Tuberisation: quite high / 7
Regularity size: regular / 7

Sensitivity and quality

Dormancy: quite short / 5,5
Metribuzin: quite sensitive / 6
Bentazon: - / -
Ethylene: - / -

Secondary growth: quite sensitive / 6,5
Growth cracks: slightly sensitive / 7
Black spot (internal bruising): slightly to not sensitive / 8
Harvest damage: quite sensitive / 6,5

Underwater weight: 375
Dry matter content: 20,4%
Dry matter distribution: - / -
TGA - level: 4,9

Crisping quality: average / 6
Fries quality: average / 6
Cooking type: rather floury / B
Raw discolouration: - / -
Discolouration after cooking: quite sensitive / 6



www.agrico.nl/en/artemis

HOW TO GROW

Fertilization¹

Nitrogen: standard advice + 10%.

Phosphate: standard advice.

Potassium: standard advice.

¹ Level of fertilization is based on soil analysis

Seed treatment

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

Planting distance

28/35 mm: 27 cm (50,000 plants/ha)

35/55 mm: 33 cm (40,000 plants/ha)

Weeds

After emerge, a standard use of metribuzin (Sencor) 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.



Say potato,
say **Agrico.**

Resistances

Golden nematode Ro 1/4: resistant / 9

Golden nematode Ro 2/3: - / -

White nematode Pa 2: - / -

White nematode Pa 3: - / -

Late blight-foliage: susceptible / 5

Late blight-tuber: slightly to not susceptible / 8

Common scab: susceptible / 5,5

Powdery scab: susceptible / 5,5

Fusarium: susceptible / 5

Erwinia: slightly susceptible / 6

Black dot: slightly susceptible / 7

Spraing: slightly susceptible / 6

Virus - Leaf Roll: slightly susceptible / 7

Virus - A: - / -

Virus - X: susceptible / 5,5

Virus - Yn: slightly susceptible / 6,5

Virus - Yntn: slightly to not susceptible / 8

Wart disease F1: resistant / 10

Wart disease F6: - / -

Wart disease F18: - / -