

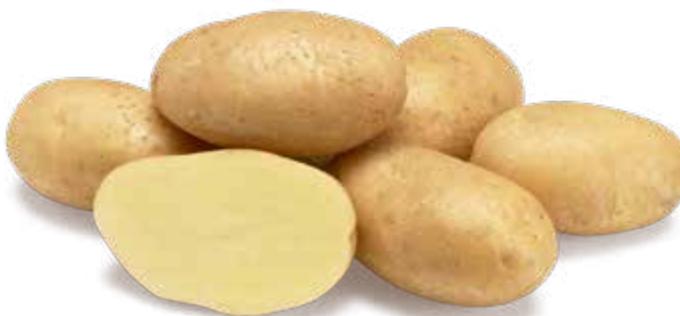
Arnova.

MARKET SEGMENT



A second early ware variety with good heat tolerance and a high yield on different type of soils.

- ▶ Large tubers
- ▶ Uniform tuber size
- ▶ Good tolerance against bruising and damage



CHARACTERISTICS

General characteristics

Breeder: Agrico Research B.V.
Crossing: OBELIX x AR 76-168-01
Seedling: AR 86-0192
Breeder rights: 31-12-2027

Plant and tuber characteristics

Maturity: second early / 6,5
Light sprout colour: green red violet
Flower colour: white
Number of berries: none / 4
Foliage: - initial development: quite fast / 7
Foliage: - final development: good / 8
Foliage: - selectability: quite difficult / 5
Foliage: - plant firmness: quite firm / 7

Flesh colour: light yellow / 6
Skin colour: yellow
Skin finish: good / 7
Tuber size: large / 8
Tuber shape: oval long
Regularity of tuber shape: regular / 7
Tuberisation: quite low / 5
Regularity size: regular / 7

Sensitivity and quality

Dormancy: short / 4
Metribuzin: quite sensitive / 6
Bentazon: - / -
Ethylene: - / -

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

Underwater weight: 331
Dry matter content: 18,3%
Dry matter distribution: - / -
TGA - level: 2,5

Crisping quality: unsuitable / 4
Fries quality: unsuitable / 5
Cooking type: rather firm / AB
Raw discolouration: - / -
Discolouration after cooking: sensitive / 5



www.agrico.nl/en/arnova

HOW TO GROW

Fertilization¹

Nitrogen: standard advice - 10%. Preferably as split application, second treatment shortly after tuberization.

Phosphate: standard advice.

Potassium: standard advice.

¹ Level of fertilization is based on soil analysis

Seed treatment

Desprouting more than once can have a negative impact on yield and size regularity. Proper pre-sprouting after taking off the top sprout can give a positive result on the tuber set.

Planting distance

28/35 mm: 22 cm (60,500 plants/ha)

35/55 mm: 27 cm (50,000 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. Suitable for delivery straight from the field or short 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-foilage: susceptible / 5,5

Late blight-tuber: slightly susceptible / 6

Common scab: susceptible / 5

Powdery scab: slightly susceptible / 7

Fusarium: slightly susceptible / 6

Erwinia: susceptible / 5

Black dot: - / -

Spraing: very susceptible / 4,5

Virus - Leaf Roll: slightly susceptible / 7

Virus - A: very susceptible / 4

Virus - X: slightly susceptible / 6

Virus - Yn: slightly susceptible / 6

Virus - Yntn: slightly susceptible / 7,5

Wart disease F1: - / -

Wart disease F6: - / -

Wart disease F18: - / -