

Spectra.

Second early, high yielding ware variety with a very regular tuber shape and an attractive smooth skin.

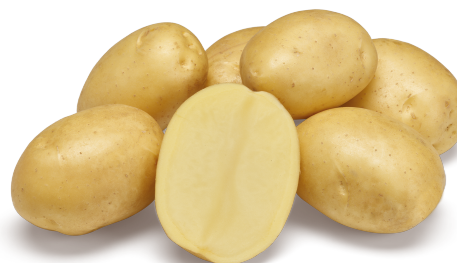
- ▶ **Large tubers**
- ▶ **Good tuberisation**
- ▶ **Uniform tuber size**



**Retail
Fresh**



Traditional



characteristics

General characteristics

Breeder: Lantmännen Seed B.V.
 Crossing: ARIELLE x SOFIA
 Breedersright: 31-12-2046
 Seedling: SW 05-1431

Plant and tuber characteristics

Maturity: second early / 7
 Light sprout colour: red violet / RV
 Flower colour: white / W
 Number of berries: very high / 4
 Foliage - initial development: fast / 8
 Foliage - final development: quite good / 7,5
 Foliage - firmness: average / 6,5
 Skin colour: yellow / Y
 Flesh colour: light yellow / 6
 Skin finish: very good / 7,5
 Tuber shape: oval round / OR
 Regularity of tuber shape: regular / 7,5
 Tuberisation: quite high / 7
 Tuber size: quite large / 7,5
 Regularity of size: quite regular / 6,5
 Dormancy: quite short / 5

Sensitivity and quality

Secondary growth: quite sensitive / 6,5
 Black spot (internal bruising): slightly sensitive / 7,5
 Growth cracks: quite sensitive / 6
 Harvest damage: quite sensitive / 6
 Metribuzin - pre-emergence: slightly sensitive / 7
 Metribuzin - post-emergence: slightly sensitive / 7,5
 Bentazon: slightly to not sensitive / 8
 Ethylene: 5% fewer to 5% more tubers / 5
 Underwater weight: 324
 Dry matter content: 17,9%
 Cooking type: rather firm / AB
 Discolouration (after cooking): quite sensitive / 6
 Raw discolouration: very sensitive / 4
 Fries quality: unsuitable / 4,5
 Dry matter distribution: - / -
 Crisping quality: unsuitable / 4
 TGA-level: 4,7


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How to grow

Fertilization ¹

Nitrogen: standard advice.

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: 27 cm (50.000 plants/ha)

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

Plant Spectra a bit deeper than other varieties to avoid green tubers.

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 4 °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 susceptible / 6

Virus - Yntn (tuber): slightly susceptible / 7

Spraing: susceptible / 5

Late blight - foliage: very susceptible / 4,5

Late blight - tuber: slightly susceptible / 6

Fusarium: susceptible / 5,5

Common scab: susceptible / 5

Powdery scab: very susceptible / 4

Black dot: susceptible / 5

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: - / -