

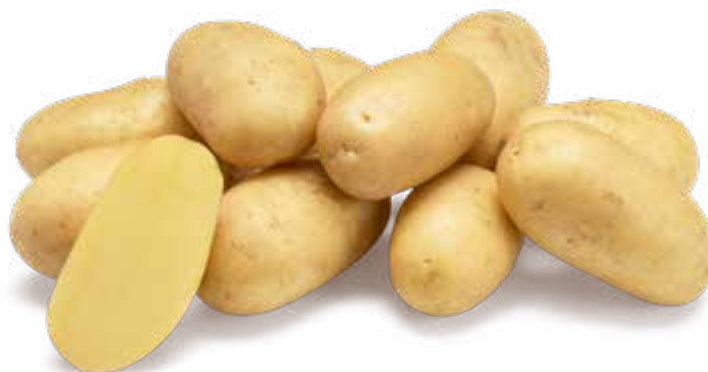
Chateau.

MARKET SEGMENT



An early salad variety with a good tuber set and quite a good dry matter content.

- ▶ Excellent skin quality
- ▶ Official registration for chair ferme
- ▶ High tuberisation



CHARACTERISTICS

General characteristics

Breeder: Agrico Research B.V.
Crossing: MA 98-0322 x AR 98-0341
Seedling: AR 05-1443
Breeder rights: 31-12-2046

Plant and tuber characteristics

Maturity: early / 7,5
Light sprout colour: blue violet
Flower colour: white
Number of berries: below average / 5,5
Foliage: - initial development: quite fast / 7,5
Foliage: - final development: good / 8
Foliage: - selectability: quite easy / 7
Foliage: - plant firmness: quite firm / 7

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

Sensitivity and quality

Dormancy: average / 6
Metribuzin: quite sensitive / 6
Bentazon: slightly sensitive / 7,5
Ethylene: 5% to 15% more tubers / 6
Secondary growth: quite sensitive / 6,5
Growth cracks: quite sensitive / 6,5
Black spot (internal bruising): slightly to not sensitive / 8
Harvest damage: sensitive / 5

Underwater weight: 350
Dry matter content: 19,2%
Dry matter distribution: - / -
TGA - level: 4,2

Crisping quality: unsuitable / 4
Fries quality: unsuitable / 4
Cooking type: rather firm / AB
Raw discolouration: slightly sensitive / 7,5
Discolouration after cooking: slightly sensitive / 7,5



www.agrico.nl/en/chateau

HOW TO GROW

Fertilization¹

Nitrogen: standard advice.

Phosphate: standard advice.

Potassium: standard advice + 20%.

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. Can be planted directly out of the cold store, preferably after a short heat shock.

Planting distance

30/40 mm: 23 cm (58,000 plants/ha)

40/50 mm: 26 cm (51,500 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 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: very susceptible / 4

Late blight-tuber: susceptible / 5,5

Common scab: susceptible / 5,5

Powdery scab: very susceptible / 2

Fusarium: slightly susceptible / 7

Erwinia: - / -

Black dot: very susceptible / 4,5

Spraing: susceptible / 5

Virus - Leaf Roll: - / -

Virus - A: - / -

Virus - X: - / -

Virus - Yn: slightly susceptible / 7

Virus - Yntn: slightly susceptible / 6,5

Wart disease F1: moderate susceptible / 8

Wart disease F6: - / -

Wart disease F18: - / -