

Agria.

Maincrop, yellow fleshed chipping variety with a good yield and suitable for long term storage.

- ▶ **Market outlet: chipping**
- ▶ **Excellent frying quality**
- ▶ **Multiple virus resistances**



Processing



characteristics

General characteristics

Breeder: Böhm

Crossing: QUARTA x SEMLO

Breedersright: Expired

Seedling: BM 77-0945

Plant and tuber characteristics

Maturity: maincrop / 5

Light sprout colour: blue violet / BV

Flower colour: white / W

Number of berries: none / 8

Foliage - initial development: quite fast / 7

Foliage - final development: good / 8

Foliage - firmness: quite firm / 7

Foliage - selectability: quite easy / 7

Skin colour: yellow / Y

Flesh colour: yellow / 7

Skin finish: average / 6

Tuber shape: oval long / OL

Regularity of tuber shape: regular / 7

Tuberisation: quite low / 5

Tuber size: large / 8

Regularity of size: regular / 7

Dormancy: long / 8

Sensitivity and quality

Secondary growth: quite sensitive / 6

Black spot (internal bruising): quite sensitive / 6

Growth cracks: quite sensitive / 6,5

Harvest damage: sensitive / 5

Metribuzin - pre-emergence: slightly sensitive / 7,5

Metribuzin - post-emergence: slightly sensitive / 7,5

Bentazon: quite sensitive / 6,5

Ethylene: 5% to 15% more tubers / 6

Underwater weight: 402

Dry matter content: 21,8%

Cooking type: floury / BC

Discolouration after cooking: slightly sensitive / 7

Raw discolouration: slightly sensitive / 7

Fries quality: excellent / 8

Dry matter distribution: average / 6,5

Crisping quality: good / 7

TGA-level: 2,7

Carvone oil: 25% more tubers / 8

Dormancy: long / 8



How to grow

Fertilization and seed treatment ¹

Nitrogen: standard advice - 10%.

Phosphate: standard advice.

Potassium: standard advice + 10%.

Seed treatment

A short heat shock or proper pre-sprouting is recommended. Proper pre-sprouting after taking off the top sprout can give a positive result on the tuber set.

Planting distance

28/35 mm: 25 cm (54.000 plants/ha)

35/55 mm: 30 cm (45.000 plants/ha)

50/55 mm: 40 cm (33.000 plants/ha)

Weeds

A standard use of metribuzin (Sencor), before or after emerge, can give some foliage reaction, but rarely any yield reduction.

Fungicides

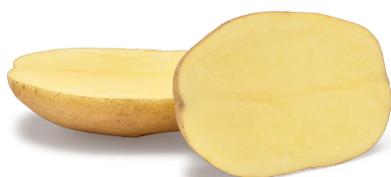
A preventive spraying schedule against late blight is advised.

Harvest

Due to its sensitivity scores for black spot and/or harvest damage, wait at least three weeks after haulm killing before harvest.

Storage temperature - Storage time

Preferred storage temperature is 5 °C. For processing purposes, do not store below 7 °C. Suitable for long term storage.



Resistances

Virus - Leaf roll: slightly susceptible / 6

Virus - Yn: slightly to not susceptible / 8

Virus - Yntn (tuber): slightly susceptible / 7

Spraing: slightly susceptible / 7

Late blight - foliage: susceptible / 5,5

Late blight - tuber: slightly susceptible / 7

Fusarium: slightly susceptible / 6,5

Common scab: very susceptible / 4,5

Powdery scab: very susceptible / 3

Virus - A: slightly to not susceptible / 9

Say potato,
say **Agrico.**

Virus - X: slightly to not susceptible / 8

Black dot: - / -

Erwinia: - / -

Wart disease F1: slightly susceptible / 9

Wart disease F6: quite susceptible / 6

Wart disease F18: - / -

Golden nematode Ro 1/4: resistant / 9

Golden nematode Ro 2/3: - / -

White nematode Pa 2: susceptible / 2

White nematode Pa 3: susceptible / 2