CULTIVATION RECOMMENDATION

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

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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 ºC. For processing purposes, do not store below 7 ºC. Suitable for long term storage.



Say potato, say Agrico.

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
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

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