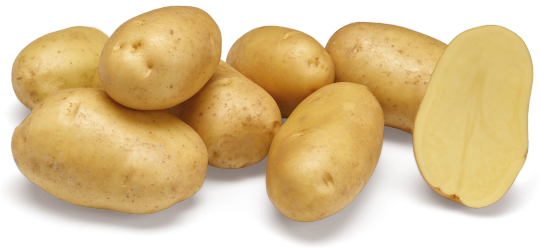
CULTIVATION **RECOMMENDATION**

Armedi.

An early maincrop processing variety suitable for the French fries industry.

Processing
French fries

- **Good tolerance against spraing**
- **Excellent frying quality, and suitable for long term storage**
- **Multiple potato cyst nematodes resistances**



Characteristics

General characteristics

Breeder: Agrico Research B.V.
Crossing: TOPAS x BASIN RUSSET
Breedersright: 31-12-2051
Seedling: AR 10-2432

Plant and tuber characteristics

Maturity: early maincrop / 5,5
Light sprout colour: - / -
Flower colour: purple / P
Number of berries: average / 6
Foliage - initial development: quite fast / 7
Foliage - final development: good / 8
Foliage - firmness: firm / 8
Foliage - selectability: average / 6,5
Skin colour: yellow / Y
Flesh colour: light yellow / 6
Skin finish: average / 6
Tuber shape: oval long / OL
Regularity of tuber shape: regular / 7
Tuberisation: average / 6,5
Tuber size: quite large / 7,5
Regularity of size: quite regular / 6,5
Dormancy: average / 6,5

Sensitivity and quality

Secondary growth: quite sensitive / 6
Black spot (internal bruising): quite sensitive / 6,5
Growth cracks: slightly sensitive / 7
Harvest damage: very sensitive / 4,5
Metribuzin - pre-emergence: very sensitive / 3
Metribuzin - post-emergence: very sensitive / 3
Bentazon: - / -
Ethylene: 5% to 15% more tubers / 6
Underwater weight: 402
Dry matter content: 21,8%
Cooking type: floury / C
Discolouration after cooking: slightly sensitive / 7
Raw discolouration: quite sensitive / 6,5
Fries quality: excellent / 8
Dry matter distribution: average / 6,5
Crisping quality: good / 7
TGA-level: 6,0
Carvone oil: 15% to 25% more tubers / 7
Dormancy: average / 6,5

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CULTIVATION RECOMMENDATION

How to grow

Fertilization and seed treatment [1]

Nitrogen: standard advice + 10%.
Phosphate: standard advice.
Potassium: standard advice + 25%.

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 (55.000 plants/ha)
35/55 mm: 34 cm (40.000 plants/ha)

Weeds

Do not use metribuzin (Sencor), as it gives a severe foliage reaction and a serious 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 three weeks after haulm killing before harvest.

Storage temperature - Storage time

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



Say potato, say Agrico.

Resistances

Virus - Leaf roll: - / -
Virus - Yn: very susceptible / 4,5
Virus - Yntn (tuber): - / -
Spraing: slightly susceptible / 7,5
Late blight - foliage: very susceptible / 4
Late blight - tuber: slightly susceptible / 7,5
Fusarium: slightly susceptible / 6
Common scab: susceptible / 5,5
Powdery scab: susceptible / 5,5
Virus - A: - / -
Virus - X: - / -
Black dot: susceptible / 5,5
Erwinia: - / -
Wart disease F1: slightly susceptible / 9
Wart disease F6: - / -
Wart disease F18: - / -
Golden nematode Ro 1/4: resistant / 9
Golden nematode Ro 2/3: field resistant / 7
Golden nematode Ro 5: moderately susceptible / 5
White nematode Pa 2: resistant / 9
White nematode Pa 3: field resistant / 8

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