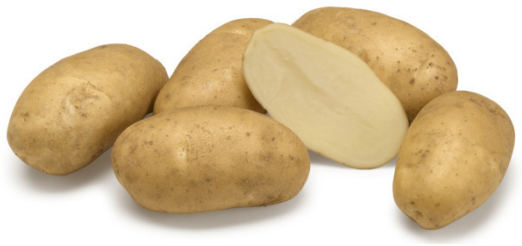
CULTIVATION RECOMMENDATION

Sidney.

Early maincrop, cream fleshed, processing variety suitable for the high-quality French fries industry.

- **Big sized tubers**
- **Good virus resistances**
- **Good dry matter distribution and therefore suitable for QSR**

Processing
French fries



Characteristics

General characteristics

Breeder: Agrico Research B.V.
Crossing: LADY ANNA x AR 05-3392
Seedling: AR 12-1680

Plant and tuber characteristics

Maturity: early maincrop / 6
Light sprout colour: - / -
Flower colour: white / W
Number of berries: - / -
Foliage - initial development: quite fast / 7
Foliage - final development: quite good / 7,5
Foliage - firmness: quite firm / 7,5
Foliage - selectability: average / 6,5
Skin colour: yellow / Y
Flesh colour: white / 4,5
Skin finish: quite poor / 5
Tuber shape: long oval / LO
Regularity of tuber shape: quite regular / 6,5
Tuberisation: average / 6
Tuber size: quite large / 7,5
Regularity of size: quite regular / 6,5
Dormancy: average / 6,5

Sensitivity and quality

Secondary growth: quite sensitive / 6,5
Black spot (internal bruising): slightly sensitive / 7,5
Growth cracks: quite sensitive / 6
Harvest damage: slightly sensitive / 7
Metribuzin - pre-emergence: quite sensitive / 6,5
Metribuzin - post-emergence: quite sensitive / 6,5
Bentazon: - / -
Ethylene: 5% fewer to 5% more tubers / 5
Underwater weight: 396
Dry matter content: 21,5%
Cooking type: rather floury / B
Discolouration after cooking: slightly sensitive / 7
Raw discolouration: slightly sensitive / 7,5
Fries quality: above average / 6,5
Dry matter distribution: excellent / 8,5
Crisping quality: - / -
TGA-level: 4,3
Carvone oil: 15% to 25% more tubers / 7
Dormancy: average / 6,5

Agrico has taken all reasonable care in producing this variety description. However, please note that any information may be subject to change and Agrico accepts no responsibility for errors or omissions. In no event shall Agrico be liable for damages arising out of or related to the information contained within this description.

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CULTIVATION RECOMMENDATION

How to grow

Fertilization and seed treatment [1]

Nitrogen: standard advice.Preferably a high initial application, a second treatment is optional.

Phosphate: standard advice.

Potassium: standard advice + 10%.

Seed treatment

Can be planted directly out of the cold store, preferably after a short heat shock.Desprouting more than once can have a negative impact on yield and size regularity.

Planting distance

28/35 mm: 26 cm (51.000 plants/ha)
35/50 mm: 33 cm (40.000 plants/ha)
50/55 mm: 37 cm (36.000 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

Preferred storage temperature is 5 ºC. For processing purposes, do not store below 7 ºC. Suitable for medium term storage.



Say potato, say Agrico.

Resistances

Virus - Leaf roll: - / -
Virus - Yn: slightly to not susceptible / 8
Virus - Yntn (tuber): slightly susceptible / 7,5
Spraing: slightly to not susceptible / 8
Late blight - foliage: very susceptible / 4
Late blight - tuber: slightly to not susceptible / 8
Fusarium: slightly susceptible / 6
Common scab: susceptible / 5,5
Powdery scab: slightly susceptible / 6
Virus - A: - / -
Virus - X: - / -
Black dot: susceptible / 5,5
Erwinia: - / -
Wart disease F1: very susceptible* / 1*
Wart disease F6: - / -
Wart disease F18: - / -
Golden nematode Ro 1/4: resistant / 9
Golden nematode Ro 2/3: susceptible / 4
Golden nematode Ro 5: susceptible* / 4*
White nematode Pa 2: field resistant / 8
White nematode Pa 3: moderately susceptible / 6

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