CULTIVATION RECOMMENDATION

Sidney.

Early maincrop, white fleshed, processing potato variety suitable for the French fries industry.

Processing
French fries

- **Big sized tubers**
- **Good virus resistances**
- **Good dormancy**



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
Skin colour: yellow / Y
Flesh colour: cream / 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 / 6,5
Harvest damage: slightly sensitive / 7
Metribuzin - pre-emergence: quite sensitive / 6,5
Metribuzin - post-emergence: quite sensitive / 6,5
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: excellent / 8
Dry matter distribution: excellent / 8,5
Crisping quality: - / -
TGA-level: 4,3 mg/100g

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How to grow

www.agricopotatoes.com

Fertilization [1]

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

Phosphate: standard advice.

Potassium: standard advice.

Seed treatment

Desprouting 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)
Cut 50/60 mm: 34 cm (39.000 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 - .

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

[1] Level of fertilization is based on soil analysis.



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
Black dot: susceptible / 5,5
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
White nematode Pa 2: field resistant / 8
White nematode Pa 3: moderately susceptible / 6

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