CULTIVATION RECOMMENDATION

Texas (AR 14-3488).

Maincrop, high yielding processing potato variety for the French fries industry which is suitable to grow on different soil types.

- **High yield**
- **High dry matter content**
- **Multiple wart disease resistances**

Processing
French fries



characteristics

General characteristics

Breeder: Agrico Research B.V.
Crossing: LEANDRA x AR 07-4113
Breedersright: Pending
Seedling: AR 14-3488

Plant and tuber characteristics

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

Sensitivity and quality

Secondary growth: quite sensitive / 6,5
Black spot (internal bruising): slightly sensitive / 7
Growth cracks: slightly sensitive / 7
Harvest damage: sensitive / 5
Metribuzin - pre-emergence: slightly sensitive / 7
Metribuzin - post-emergence: slightly sensitive / 7,5
Ethylene: - / -
Underwater weight: 427
Dry matter content: 23%
Cooking type: floury / C
Discolouration (after cooking): sensitive / 5,5
Raw discolouration: very sensitive / 4,5
Fries quality: excellent / 8
Dry matter distribution: average / 6,5
Crisping quality: - / -
TGA-level: -

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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How to grow

www.agricopotatoes.com

Fertilization [1]

Nitrogen: standard advice.Preferably as split application, second treatment shortly after tuberization.

Phosphate: standard advice.

Potassium: standard advice.

Seed treatment

Can be planted directly out of the cold store, preferably after a short heat shock.

Planting distance

28/35 mm: 27 cm (50.000 plants/ha)
35/50 mm: 33 cm (40.000 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 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 two weeks after haulm killing before harvest.

Storage - .

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

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



Say potato, say Agrico.

Resistances

Virus - Leaf roll: - / -
Virus - Yn: slightly susceptible / 6,5
Virus - Yntn (tuber): slightly susceptible / 6
Spraing: susceptible / 5
Late blight - foliage: very susceptible / 4
Late blight - tuber: susceptible / 5,5
Fusarium: - / -
Common scab: susceptible / 5,5

Powdery scab: - / -
Black dot: - / -
Wart disease F1: resistant / 10
Wart disease F6: resistant* / 10*
Wart disease F18: resistant / 10
Golden nematode Ro 1/4: resistant / 9
Golden nematode Ro 2/3: - / -
White nematode Pa 2: - / -
White nematode Pa 3: - / -

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