

Ardeche.

An early maincrop starch variety with a good yield, natural resistance against late blight in foliage and tuber, and suitable for the production of flakes.



Organic



Processing
Flakes
Starch

- ▶ **Good starch yield**
- ▶ **Multiple potato cyst nematodes resistances**
- ▶ **Good virus resistances**



characteristics

General characteristics

Breeder: Agrico Research B.V.

Crossing: STAYER x AR 02-2139

Breedersright: 31-12-2048

Seedling: AR 07-2451

Plant and tuber characteristics

Maturity: early maincrop / 5,5

Light sprout colour: green red / GR

Flower colour: white / W

Number of berries: average / 6

Foliage - initial development: fast / 8

Foliage - final development: good / 8

Foliage - firmness: quite firm / 7,5

Skin colour: yellow / Y

Flesh colour: light yellow / 6,5

Skin finish: very poor / 4

Tuber shape: round oval / RO

Regularity of tuber shape: quite regular / 6,5

Tuberisation: quite low / 5

Tuber size: quite large / 7,5

Regularity of size: regular / 7

Dormancy: quite short / 5,5

Sensitivity and quality

Secondary growth: quite sensitive / 6

Black spot (internal bruising): very sensitive / 4,5

Growth cracks: quite sensitive / 6

Harvest damage: quite sensitive / 6

Metribuzin - pre-emergence: slightly to not sensitive / 8

Metribuzin - post-emergence: slightly to not sensitive / 8

Ethylene: 15% to 25% more tubers / 7

Underwater weight: 474

Dry matter content: 25,3%

Cooking type: floury / C

Discolouration (after cooking): quite sensitive / 6,5

Raw discolouration: - / -

Fries quality: unsuitable / 4

Dry matter distribution: - / -

Crisping quality: average / 6

TGA-level: 4,7 mg/100g

S_Harvestability: - / -


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How to grow

Fertilization ¹

Nitrogen: standard advice + 10%. It is possible to use organic manure.

Phosphate: standard advice.

Potassium: standard advice + 20%.

Seed treatment

Proper pre-sprouting after taking off the top sprout can give a positive result on the tuber set. Desprouting more than once can have a negative impact on yield and size regularity.

Planting distance

28/35 mm: 21 cm (64.000 plants/ha)

35/55 mm: 26 cm (50.000 plants/ha)

¹ Level of fertilization is based on soil analysis.

Weeds

A standard use of metribuzin (Sencor), before or after emerge, doesn't give foliage reaction or yield reduction.

Fungicides

Despite the late blight resistance, remain alert for infections.

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 8 °C. Suitable for medium term storage.



Resistances

Virus - Leaf roll: - / -

Virus - Yn: slightly susceptible / 6

Virus - Yntn (tuber): slightly to not susceptible / 8,5

Spraing: slightly susceptible / 6

Late blight - foliage: slightly to not susceptible / 9

Late blight - tuber: slightly to not susceptible / 9

Fusarium: - / -

Common scab: slightly susceptible / 6

Powdery scab: slightly susceptible / 6,5

Say potato,
say **Agrico.**

Black dot: slightly susceptible / 7

R_PCN Tolerance: - / -

Wart disease F1: moderately susceptible / 8

Wart disease F6: moderately susceptible / 8

Wart disease F18: - / -

Golden nematode Ro 1/4: resistant / 9

Golden nematode Ro 2/3: resistant / 9

White nematode Pa 2: resistant / 9

White nematode Pa 3: field resistant / 7