

Next Generation

Ardeche.

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

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



MARKET SEGMENT

O
Organic
cultivation

P
Processing
Starch, Flakes

CHARACTERISTICS

General characteristics

Breeder: Agrico Research B.V.
Crossing: STAYER x AR 02-2139
Seedling: AR 07-2451
Breeder rights: 31-12-2048

Plant and tuber characteristics

Maturity: early maincrop / 5,5
Light sprout colour: green red
Flower colour: white
Number of berries: average / 6
Foliage: - initial development: fast / 8
Foliage: - final development: good / 8
Foliage: - selectability: average / 6,5
Foliage: - plant firmness: quite firm / 7,5

Flesh colour: light yellow / 6,5
Skin colour: yellow
Skin finish: very poor / 4
Tuber size: quite large / 7,5
Tuber shape: round oval
Regularity of tuber shape: quite regular / 6,5
Tuberisation: quite low / 5
Regularity size: regular / 7

Sensitivity and quality

Dormancy: quite short / 5,5
Metribuzin: slightly to not sensitive / 8
Bentazon: slightly to not sensitive / 8
Ethylene: 15% to 25% more tubers / 7

Secondary growth: quite sensitive / 6
Growth cracks: quite sensitive / 6
Black spot (internal bruising): very sensitive / 4,5
Harvest damage: quite sensitive / 6

Underwater weight: 474
Dry matter content: 25,3%
Dry matter distribution: - / -
TGA - level: 4,7

Crisping quality: average / 6
Fries quality: unsuitable / 4
Cooking type: floury / C
Raw discolouration: - / -
Discolouration after cooking: quite sensitive / 6,5

www.agrico.nl/en/ardeche

HOW TO GROW

Fertilization¹

Nitrogen: standard advice + 10%.

Phosphate: standard advice.

Potassium: standard advice + 20%.

¹ Level of fertilization is based on soil analysis

Seed treatment

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

Planting distance

28/35 mm: 20-22 cm (60,500 plants/ha)

35/55 mm: 25-27 cm (50,000 plants/ha)

Weeds

After emerge, a standard use of metribuzin (Sencor) 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.



Say potato, say **Agrico.**

Resistances

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

Late blight-foliage: slightly to not susceptible / 9

Late blight-tuber: slightly to not susceptible / 9

Common scab: slightly susceptible / 6

Powdery scab: slightly susceptible / 6,5

Fusarium: - / -

Erwinia: - / -

Black dot: slightly susceptible / 7

Spraing: slightly susceptible / 6

Virus - Leaf Roll: - / -

Virus - A: - / -

Virus - X: - / -

Virus - Yn: slightly susceptible / 6

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

Wart disease F1: moderate susceptible / 8

Wart disease F6: moderate susceptible / 8

Wart disease F18: - / -