Next Generation

Alouette.

An early maincrop, versatile red skin ware variety with late blight resistance in foliage and tuber, suitable for conventional and organic production.

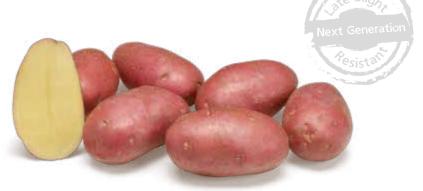
- Organic cultivation
- Traditional
- Retail Fresh



MARKET SEGMENT



- Suitable for cooking and home baked products
- Good drought tolerance



CHARACTERISTICS

General characteristics

Breeder: Agrico Research B.V. **Crossing:** AR 02-139-1 x LAURA

Seedling: AR 04-3153 Breeder rights: 31-12-2044

Plant and tuber characteristics

Maturity: early maincrop / 6 Light sprout colour: red violet Flower colour: light purple Number of berries: none / 4

Foliage: - initial development: fast / 8
Foliage: - final development: good / 8
Foliage: - selectability: average / 6
Foliage: - plant firmness: quite firm / 7,5

Flesh colour: yellow / 7,5

Skin colour: red
Skin finish: good / 7
Tuber size: quite large / 7
Tuber shape: oval long

Regularity of tuber shape: regular / 7

Tuberisation: average / 6

Regularity size: quite regular / 6,5

Sensitivity and quality

Dormancy: average / 6

Metribuzin: slightly to not sensitive / 8

Bentazon: slightly sensitive / 7 **Ethylene:** 5% fewer tubers / 4

Secondary growth: quite sensitive / 6,5 **Growth cracks:** quite sensitive / 6,5

Black spot (internal bruising): slightly to not sensitive / 8

Harvest damage: quite sensitive / 6

Underwater weight: 389

Dry matter content: 21,1%

Dry matter distribution: - / -

TGA - level: 3,6

Crisping quality: above average / 6,5 Fries quality: above average / 6,5 Cooking type: rather firm / AB

Raw discolouration: slightly sensitive / 7

Discolouration after cooking: slightly sensitive / 7





HOW TO GROW

www.agrico.nl/en/alouette

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. Preferably plant the tubers into warm soil, as the initial development of this variety is slow.

Planting distance

28/35 mm: 20 cm (67,000 plants/ha) 35/55 mm: 25 cm (54,000 plants/ha)

Weeds

After emerge, a standard use of metribuzin (Sencor) doesn't give foliage reaction or yield reduction.

Fungicides

Preventive measures are not 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 °C. For processing purposes, do not store below 7 °C. Suitable for medium term storage.



Say potato, say Agrico.

Resistances

Golden nematode Ro 1/4: resistant / 9
Golden nematode Ro 2/3: field resistant / 8

White nematode Pa 2: - / - White nematode Pa 3: - / -

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: slightly susceptible / 7,5

Erwinia: - / -Black dot: - / -

Spraing: susceptible / 5,5

Virus - Leaf Roll: - / -

Virus - A: - / -

Virus - X: slightly susceptible / 7

Virus - Yn: slightly to not susceptible / 8

Virus - Yntn: slightly susceptible / 7

Wart disease F1: resistant / 10

Wart disease F6: - / - Wart disease F18: - / -

