

# Alouette.

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

- ▶ **Market outlet: table and organic**
- ▶ **Excellent eating characteristics**
- ▶ **Blight resistant**
- ▶ **Suitable for conventional and organic production**



**Processing  
Convenience**



## characteristics

### General characteristics

**Breeder:** Agrico Research B.V.  
**Crossing:** AR 02-139-1 x LAURA  
**Breedersright:** 31-12-2044  
**Seedling:** AR 04-3153

### Plant and tuber characteristics

**Maturity:** early maincrop / 6  
**Light sprout colour:** red violet / RV  
**Flower colour:** light purple / LP  
**Number of berries:** very high / 4  
**Foliage - initial development:** fast / 8  
**Foliage - final development:** good / 8  
**Foliage - firmness:** quite firm / 7,5  
**Foliage - selectability:** average / 6  
**Skin colour:** red / R  
**Flesh colour:** yellow / 7,5  
**Skin finish:** good / 7  
**Tuber shape:** oval long / OL  
**Regularity of tuber shape:** regular / 7  
**Tuberisation:** average / 6  
**Tuber size:** quite large / 7  
**Regularity of size:** quite regular / 6,5  
**Dormancy:** average / 6

### Sensitivity and quality

**Secondary growth:** quite sensitive / 6,5  
**Black spot (internal bruising):** slightly to not sensitive / 8  
**Growth cracks:** quite sensitive / 6,5  
**Harvest damage:** quite sensitive / 6  
**Metribuzin - pre-emergence:** slightly sensitive / 7,5  
**Metribuzin - post-emergence:** slightly sensitive / 7  
**Bentazon:** slightly sensitive / 7  
**Ethylene:** 5% fewer tubers / 4  
**Underwater weight:** 389  
**Dry matter content:** 21,1%  
**Cooking type:** rather firm / AB  
**Discolouration after cooking:** slightly sensitive / 7  
**Raw discolouration:** slightly sensitive / 7  
**Fries quality:** above average / 6,5  
**Dry matter distribution:** - / -  
**Crisping quality:** - / -  
**TGA-level:** 3,6  
**Carvone oil:** 5% to 15% more tubers / 6  
**Dormancy:** average / 6  
**Mutation rate:** This variety may exhibit a high mutation rate. Therefore, the use of carvone oil is discouraged. / Use of carvone oil can provoke mutations.



# How to grow

## Fertilization and seed treatment <sup>1</sup>

**Nitrogen:** standard advice + 10%.

**Phosphate:** standard advice.

**Potassium:** standard advice + 20%.

## Seed treatment

Preferably plant the tubers into warm soil, as the initial development of this variety is slow. 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: 20 cm (67.000 plants/ha)

35/55 mm: 25 cm (54.000 plants/ha)

## 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 temperature - Storage time

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



## Resistances

**Virus - Leaf roll:** - / -

**Virus - Yn:** slightly to not susceptible / 8

**Virus - Yntn (tuber):** slightly susceptible / 7

**Spraing:** susceptible / 5,5

**Late blight - foliage:** slightly to not susceptible / 9

**Late blight - tuber:** slightly to not susceptible / 9

**Fusarium:** slightly susceptible / 7,5

**Common scab:** slightly susceptible / 6

**Powdery scab:** slightly susceptible / 6,5

**Virus - A:** - / -

Say potato,  
say **Agrico.**

**Virus - X:** slightly susceptible / 7

**Black dot:** - / -

**Erwinia:** - / -

**Wart disease F1:** resistant / 10

**Wart disease F6:** - / -

**Wart disease F18:** - / -

**Golden nematode Ro 1/4:** resistant / 9

**Golden nematode Ro 2/3:** field resistant / 8

**Golden nematode Ro 5:** susceptible / 4

**White nematode Pa 2:** - / -

**White nematode Pa 3:** - / -