

# Babylon.



Processing

Babylon is a high yielding, yellow fleshed chipping and processing variety with an attractive skin finish.

- ▶ **Excellent frying quality**
- ▶ **Multiple virus resistances**
- ▶ **Good storability**



## characteristics

### General characteristics

Breeder: R.K. Bakker

Crossing: AGRIA MUTANT

Breedersright: 31-12-2046

Seedling: BA 06-0001

### Plant and tuber characteristics

Maturity: maincrop / 5

Light sprout colour: blue violet / BV

Flower colour: white / W

Number of berries: none / 8

Foliage - initial development: quite fast / 7

Foliage - final development: good / 8

Foliage - firmness: firm / 8

Foliage - selectability: average / 6,5

Skin colour: yellow / Y

Flesh colour: yellow / 7

Skin finish: average / 6

Tuber shape: oval long / OL

Regularity of tuber shape: regular / 7

Tuberisation: average / 6

Tuber size: large / 8

Regularity of size: regular / 7

Dormancy: long / 8

### Sensitivity and quality

Secondary growth: quite sensitive / 6

Black spot (internal bruising): quite sensitive / 6

Growth cracks: quite sensitive / 6

Harvest damage: sensitive / 5,5

Metribuzin - pre-emergence: slightly sensitive / 7,5

Metribuzin - post-emergence: slightly sensitive / 7,5

Bentazon: slightly sensitive / 7,5

Ethylene: 5% fewer to 5% more tubers / 5

Underwater weight: 401

Dry matter content: 21,7%

Cooking type: floury / BC

Discolouration after cooking: slightly sensitive / 7

Raw discolouration: slightly sensitive / 7

Fries quality: excellent / 8

Dry matter distribution: good / 7

Crisping quality: good / 7

TGA-level: 5,2

Carvone oil: 15% to 25% more tubers / 7

Dormancy: long / 8



# How to grow

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

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

**Phosphate:** standard advice.

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

## Seed treatment

Proper pre-sprouting after taking off the top sprout can give a positive result on the tuber set.

## Planting distance

28/35 mm: 25 cm (54.000 plants/ha)

35/55 mm: 30 cm (44.000 plants/ha)

50/55 mm: 38 cm (35.000 plants/ha)

## Weeds

A standard use of metribuzin (Sencor), before or after emerge, can give some foliage reaction and some yield reduction.

## Fungicides

A preventive spraying schedule against late blight is advised.

## 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 long term storage.



## Resistances

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

**Virus - Yn:** slightly susceptible / 7,5

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

**Spraing:** slightly susceptible / 6,5

**Late blight - foliage:** susceptible / 5,5

**Late blight - tuber:** slightly susceptible / 6,5

**Fusarium:** slightly susceptible / 7

**Common scab:** susceptible / 5

**Powdery scab:** - / -

**Virus - A:** - / -

Say potato,  
say **Agrico.**

**Virus - X:** - / -

**Black dot:** very susceptible / 4,5

**Erwinia:** - / -

**Wart disease F1:** resistant / 10

**Wart disease F6:** - / -

**Wart disease F18:** - / -

**Golden nematode Ro 1/4:** field resistant / 8

**Golden nematode Ro 2/3:** - / -

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

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