

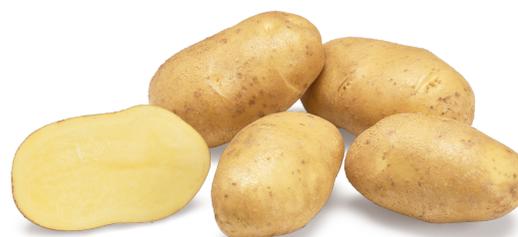
Babylon.



Processing

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

- ▶ **Market outlet: chipping & processing**
- ▶ **Excellent chipping quality**
- ▶ **Suitable for long term storage**
- ▶ **Good resistance to virus Y**



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 ¹

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. Desprouting once is optional.

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.



Say potato,
say **Agrico.**

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: - / -

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: - / -