

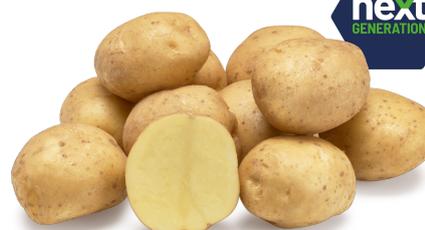
# Beyonce.

Beyonce is an maincrop crisping variety with a good dry matter content, suitable for long term storage and late blight resistance for foliage and tuber.

- ▶ **Market outlet: crisping and organic**
- ▶ **Duel blight resistance**
- ▶ **Long term storage**
- ▶ **High dry matter**



**Processing**  
Crisps  
Flakes



## characteristics

### General characteristics

Breeder: Agrico Research B.V.  
 Crossing: AR 94-2061 x LADY JO  
 Breedersright: 31-12-2049  
 Seedling: AR 08-3271

### Plant and tuber characteristics

Maturity: early maincrop / 6  
 Light sprout colour: blue violet / BV  
 Flower colour: purple / P  
 Number of berries: very high / 4  
 Foliage - initial development: quite fast / 7,5  
 Foliage - final development: good / 8  
 Foliage - firmness: quite firm / 7,5  
 Foliage - selectability: average / 6,5  
 Skin colour: yellow / Y  
 Flesh colour: light yellow / 6,5  
 Skin finish: below average / 5,5  
 Tuber shape: oval round / OR  
 Regularity of tuber shape: quite regular / 6,5  
 Tuberisation: quite high / 7  
 Tuber size: quite large / 7,5  
 Regularity of size: regular / 7  
 Dormancy: quite long / 7

### Sensitivity and quality

Secondary growth: quite sensitive / 6  
 Black spot (internal bruising): slightly sensitive / 7,5  
 Growth cracks: quite sensitive / 6,5  
 Harvest damage: quite sensitive / 6  
 Metribuzin - pre-emergence: quite sensitive / 6,5  
 Metribuzin - post-emergence: slightly sensitive / 7  
 Bentazon: slightly to not sensitive / 8  
 Ethylene: 5% fewer to 5% more tubers / 5  
 Underwater weight: 446  
 Dry matter content: 23,9%  
 Cooking type: floury / BC  
 Discolouration after cooking: slightly sensitive / 7  
 Raw discolouration: slightly to not sensitive / 8  
 Fries quality: good / 7  
 Dry matter distribution: average / 6,5  
 Crisping quality: excellent / 8  
 TGA-level: 6,5  
 Carvone oil: 15% to 25% more tubers / 7  
 Dormancy: quite long / 7

# How to grow



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

**Nitrogen:** standard advice.

**Phosphate:** standard advice.

**Potassium:** standard advice + 25%.

## Seed treatment

Can be planted directly out of the cold store, preferably after a short heat shock. Desprouting can have a negative impact on yield and size regularity.

## Planting distance

28/35 mm: 23 cm (58.000 plants/ha)

35/55 mm: 27 cm (50.000 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 two weeks after haulm killing before harvest.

## Storage temperature - Storage time

For processing purposes, do not store below 9 °C. Suitable for medium term storage.



## Resistances

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

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

**Virus - Yntn (tuber):** susceptible / 5

**Spraing:** slightly susceptible / 6

**Late blight - foliage:** slightly to not susceptible / 8,5

**Late blight - tuber:** slightly susceptible / 7,5

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

**Common scab:** susceptible / 5,5

**Powdery scab:** slightly susceptible / 6

**Virus - A:** - / -

Say potato,  
say **Agrico.**

**Virus - X:** - / -

**Black dot:** slightly susceptible / 7,5

**Erwinia:** - / -

**Wart disease F1:** - / -

**Wart disease F6:** - / -

**Wart disease F18:** - / -

**Golden nematode Ro 1/4:** susceptible / 4

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

**Golden nematode Ro 5:** - / -

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

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