CULTIVATION RECOMMENDATION

Beyonce.

An early maincrop, crisping organic ware potato variety with a good dry matter content, suitable for medium term storage and resilient to late blight in foliage and tuber.

- **Large tubers**
- **Good dormancy**
- **Quite high tuberisation**

Organic

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
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

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How to grow

Fertilization [1]

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

After emerge, a standard use of metribuzin (Sencor) 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 - .

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



Say potato, say Agrico.

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

Black dot: slightly susceptible / 7,5

Wart disease F1: - / -

Wart disease F6: - / -

Wart disease F18: - / -

Golden nematode Ro 1/4: susceptible / 4

Golden nematode Ro 2/3: - / -

White nematode Pa 2: - / -

White nematode Pa 3: - / -

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