

Beyonce.

Cultivation recommendation ware / 1-2



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

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

General characteristics

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

Market segment

- ⦿ **Processing** | Crisps
- ⦿ **Processing** | Flakes
- ⦿ **Organic cultivation**



Plant and tuber characteristics

Maturity	early maincrop / 6
Flower colour	purple
Number of berries	none / 4
Foliage: - initial development	quite fast / 7,5
Foliage: - final development	firm / 8
Foliage: - selectability	average / 6,5
Foliage: - plant firmness	quite firm / 7,5
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Flesh colour	light yellow / 6,5
Skin colour	yellow
Skin finish	average / 5,5
Tuber size	quite large / 7,5
Tuber shape	oval round
Regularity of tuber shape	quite regular / 6,5
Tuberisation	quite high / 7
Regularity size	regular / 7

Sensitivity and quality

Dormancy	quite long / 7
Metribuzin	minimum sensitive / 7,5
Bentazon	minimum to none sensitive / 8
Ethylene	5% fewer to 5% more tubers / 5
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Second growth	quite sensitive / 6
Growth cracks	quite sensitive / 6,5
Black spot (internal bruising)	minimum sensitive / 7,5
Harvest damage	quite sensitive / 6
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Underwater weight	446
Dry matter content	23,9%
Dry matter distribution	average / 6,5
TGA - level	6,5
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Crisp quality	excellent / 8
Fries quality	good / 7
Cooking type	floury / BC
Raw discolouration	minimum to none sensitive / 8
After-cooking darkening	minimum sensitive / 7

Say potato,
say **Agrico.**

Agrico has taken all reasonable care in producing this variety description. However, please note that any information may be subject to change and Agrico accepts no responsibility for errors or omissions. In no event shall Agrico be liable for damages arising out of or related to the information contained within this description.

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Resistances

Golden nematode Ro 1/4	susceptible / 4
Golden nematode Ro 2/3	not marked / -
White nematode Pa 2	not marked / -
White nematode Pa 3	not marked / -

Late blight-foilage	minimum to not susceptible / 8,5
Late blight-tuber	minimum susceptible / 7,5

Common scab	susceptible / 5,5
Powdery scab	minimum susceptible / 6
Fusarium	minimum susceptible / 7,5
Erwinia	not tested / -
Black dot	minimum susceptible / 7,5
Spraing	minimum susceptible / 6

Virus - Leaf Roll	not tested / -
Virus - A	not tested / -
Virus - X	not tested / -
Virus - Yn	susceptible / 5,5
Virus - Yntn (tuber)	susceptible / 5

Wart disease F1	not marked / -
Wart disease F6	not marked / -
Wart disease F18	not marked / -

Say
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say **Agrico.**

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Fertilization¹

Nitrogen: standard advice
Phosphate: standard advice
Potassium: standard advice + 25%

¹ Level of fertilization is based on soil analysis.

Seed treatment

Desprouting is not recommended and can have a negative impact on yield and size regularity. Beyonce can be planted directly out of the cold store, preferable after a short heat shock.

Planting distance

28/35: 22-24 cm (58000 plants/ha)
35/55: 26-28 cm (50000 plants/ha)

Weeds

Use of metribuzin (Sencor) doesn't give problems.

Fungicides

Beyonce has a good late blight in foliage and tubers, preventive measures are not necessary. Despite the late blight resistance remain alert for any infestations.

Harvest

Wait at least two weeks after haulm killing before harvesting, Beyonce is quite sensitive to harvest damage and only minimum sensitive to black spot.

Storage

Beyonce has a long dormancy and is suitable for medium term storage at 9°C.

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