

Next Generation potential

Agostino (SW 10-1170).

Early maincrop red skin ware variety with late blight resistance in foliage and tuber.

- » Large tubers
- » Good tuberisation
- » Good dry matter content

MARKET SEGMENT

**CHARACTERISTICS****General characteristics**

Breeder: Lantmännen Seed B.V.
Crossing: AR 01-0451 x AR 02-3335
Seedling: SW 10-1170
Breeder rights: Pending

Plant and tuber characteristics

Maturity: early maincrop / 5,5
Light sprout colour: red
Flower colour: light purple
Number of berries: none / 4
Foliage: - initial development: fast / 8
Foliage: - final development: good / 8
Foliage: - selectability: average / 6,5
Foliage: - plant firmness: quite firm / 7,5

Flesh colour: light yellow / 6,5
Skin colour: red
Skin finish: good / 7
Tuber size: quite large / 7,5
Tuber shape: oval round
Regularity of tuber shape: regular / 7
Tuberisation: quite high / 7
Regularity size: quite regular / 6,5

Sensitivity and quality

Dormancy: quite long / 7
Metribuzin: slightly to not sensitive / 8
Bentazon: - / -
Ethylene: - / -

Secondary growth: slightly sensitive / 7
Growth cracks: quite sensitive / 6
Black spot (internal bruising): slightly sensitive / 7
Harvest damage: sensitive / 5,5

Underwater weight: 387
Dry matter content: 21%
Dry matter distribution: - / -
TGA - level: -

Crisping quality: unsuitable / 5
Fries quality: average / 6
Cooking type: floury / BC
Raw discolouration: quite sensitive / 6
Discolouration after cooking: quite sensitive / 6,5

HOW TO GROW

Fertilization¹

Nitrogen: standard advice - 20%. Preferably as split application, second treatment shortly after tuberization.

Phosphate: standard advice.

Potassium: standard advice.

¹ Level of fertilization is based on soil analysis

Seed treatment

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

Planting distance

28/35 mm: 22 cm (60,500 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

Preferred storage temperature is 5 °C. Suitable for medium term storage.



Say potato,
say **Agrico.**

Resistances

Golden nematode Ro 1/4: - / -

Golden nematode Ro 2/3: - / -

White nematode Pa 2: - / -

White nematode Pa 3: - / -

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

Late blight-tuber: slightly to not susceptible / 9

Common scab: susceptible / 5

Powdery scab: - / -

Fusarium: slightly susceptible / 6

Erwinia: - / -

Black dot: - / -

Spraying: susceptible / 5,5

Virus - Leaf Roll: - / -

Virus - A: - / -

Virus - X: - / -

Virus - Yn: susceptible / 5,5

Virus - Yntn: - / -

Wart disease F1: resistant* / 10*

Wart disease F6: - / -

Wart disease F18: - / -

* Results marked with an asterisk (*) are based on our own research, and are not yet officially published