

Estelle (SW 10-8218).

MARKET SEGMENT



Early maincrop yellow flesh ware variety with potato cyst nematodes resistance and a good dormancy.

- ▶ Attractive yellow fleshcolour
- ▶ Firm cooking
- ▶ Good dry matter content



CHARACTERISTICS

General characteristics

Breeder: Lantmännen Seed B.V.
Crossing: BELANA x AR 01-3576
Seedling: SW 10-8218
Breeder rights: Pending

Plant and tuber characteristics

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

Flesh colour: yellow / 7
Skin colour: yellow
Skin finish: above average / 6,5
Tuber size: quite large / 7
Tuber shape: oval
Regularity of tuber shape: quite regular / 6,5
Tuberisation: quite high / 7
Regularity size: quite regular / 6,5

Sensitivity and quality

Dormancy: long / 8
Metribuzin: very sensitive / 4,5
Bentazon: - / -
Ethylene: - / -

Secondary growth: quite sensitive / 6,5
Growth cracks: slightly to not sensitive / 8
Black spot (internal bruising): slightly sensitive / 7
Harvest damage: slightly sensitive / 7

Underwater weight: 385
Dry matter content: 21%
Dry matter distribution: - / -
TGA - level: 1,5

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

HOW TO GROW

Fertilization¹

Nitrogen: standard advice + 15%.

Phosphate: standard advice.

Potassium: standard advice + 15%.

¹ Level of fertilization is based on soil analysis

Seed treatment

Desprouting more than once 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: 25 cm (54,000 plants/ha)

35/55 mm: 27 cm (50,000 plants/ha)

Weeds

After emerge, don't use metribuzin (Sencor), as it gives a severe foliage reaction and a serious yield reduction.

Fungicides

A strict preventive spraying schedule against late blight is necessary.

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 long term storage.



Say potato,
say **Agrico.**

Resistances

Golden nematode Ro 1/4: susceptible* / 3*

Golden nematode Ro 2/3: - / -

White nematode Pa 2: field resistant / 8

White nematode Pa 3: field resistant / 7

Late blight-foliage: susceptible / 5

Late blight-tuber: slightly susceptible / 7,5

Common scab: slightly susceptible / 6

Powdery scab: - / -

Fusarium: slightly to not susceptible / 8

Erwinia: - / -

Black dot: - / -

Spraing: slightly susceptible / 6

Virus - Leaf Roll: - / -

Virus - A: - / -

Virus - X: - / -

Virus - Yn: very susceptible / 4,5

Virus - Yntn: - / -

Wart disease F1: very susceptible / 1

Wart disease F6: - / -

Wart disease F18: - / -

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