

Armedi (AR 10-2432).

MARKET SEGMENT

P
Processing
French fries

An early maincrop processing variety suitable for the French fries industry.

- ▶ **Good tuberisation**
- ▶ **Suitable for long term storage**
- ▶ **Multiple potato cyst nematodes resistances**



CHARACTERISTICS

General characteristics

Breeder: Agrico Research B.V.
Crossing: TOPAS x BASIN RUSSET
Seedling: AR 10-2432
Breeder rights: Pending

Plant and tuber characteristics

Maturity: early maincrop / 5,5
Light sprout colour: -
Flower colour: purple
Number of berries: average / 6
Foliage: - initial development: quite fast / 7
Foliage: - final development: good / 8
Foliage: - selectability: average / 6,5
Foliage: - plant firmness: firm / 8

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

Sensitivity and quality

Dormancy: average / 6,5
Metribuzin: very sensitive / 4
Bentazon: - / -
Ethylene: - / -

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

Underwater weight: 402
Dry matter content: 21,8%
Dry matter distribution: average / 6,5
TGA - level: 3,3

Crisping quality: good / 7
Fries quality: excellent / 8
Cooking type: floury / C
Raw discolouration: quite sensitive / 6,5
Discolouration after cooking: slightly sensitive / 7

HOW TO GROW

Fertilization¹

Nitrogen: standard advice - 10%.

Phosphate: standard advice.

Potassium: standard advice + 25%.

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 (55,000 plants/ha)

35/55 mm: 34 cm (40,000 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 three weeks after haulm killing before harvest.

Storage

For processing purposes, do not store below 7 °C. Suitable for long term storage.



Say potato,
say **Agrico.**

Resistances

Golden nematode Ro 1/4: resistant / 9

Golden nematode Ro 2/3: field resistant / 7

White nematode Pa 2: resistant / 9

White nematode Pa 3: field resistant / 8

Late blight-foliage: very susceptible / 4

Late blight-tuber: slightly susceptible / 7,5

Common scab: susceptible / 5,5

Powdery scab: - / -

Fusarium: slightly susceptible / 6

Erwinia: - / -

Black dot: - / -

Spraing: slightly susceptible / 7,5

Virus - Leaf Roll: - / -

Virus - A: - / -

Virus - X: - / -

Virus - Yn: very susceptible / 4,5

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