

Fyone (PL 11-0111).

MARKET SEGMENT

P
Processing
Starch

A maincrop starch variety with a high yield and resistance to late blight in foliage and tuber.

- ▶ High dry matter content
- ▶ High yield
- ▶ Good storability



CHARACTERISTICS

General characteristics

Breeder: AKV Langholt
 Crossing: STAYER x ATHLETE
 Seedling: PL 11-0111
 Breeder rights: 31-12-2051

Plant and tuber characteristics

Maturity: maincrop / 4
 Light sprout colour: - / -
 Flower colour: purple
 Number of berries: - / -
 Foliage: - initial development: quite fast / 7,5
 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: quite poor / 5
 Tuber size: quite large / 7,5
 Tuber shape: round oval
 Regularity of tuber shape: quite regular / 6,5
 Tuberisation: average / 6
 Regularity size: quite regular / 6,5

Sensitivity and quality

Dormancy: quite long / 7,5
 Metribuzin: slightly to not sensitive / 8
 Bentazon: - / -
 Ethylene: - / -

Secondary growth: quite sensitive / 6,5
 Growth cracks: quite sensitive / 6,5
 Black spot (internal bruising): quite sensitive / 6
 Harvest damage: very sensitive / 4

Underwater weight: 470
 Dry matter content: 25,1%
 Dry matter distribution: - / -
 TGA - level: 14,9

Crisping quality: below average / 5,5
 Fries quality: - / -
 Cooking type: rather floury / B
 Raw discolouration: - / -
 Discolouration after cooking: - / -

HOW TO GROW

Fertilization¹

Nitrogen: standard advice.

Phosphate: standard advice.

Potassium: standard advice.

¹ Level of fertilization is based on soil analysis

Seed treatment

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: 30 cm (45.000 plants/ha)

Weeds

After emerge, a standard use of metribuzin (Sencor) can give some foliage reaction, but rarely any 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 three 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: - / -

Golden nematode Ro 2/3: - / -

White nematode Pa 2: - / -

White nematode Pa 3: - / -

Late blight-foliage: slightly to not susceptible / 9

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

Common scab: susceptible / 5,5

Powdery scab: - / -

Fusarium: - / -

Erwinia: - / -

Black dot: - / -

Spraing: slightly susceptible / 6

Virus - Leaf Roll: - / -

Virus - A: - / -

Virus - X: - / -

Virus - Yn: susceptible / 5

Virus - Yntn: - / -

Wart disease F1: resistant / 10

Wart disease F6: very susceptible / 1

Wart disease F18: - / -