

# Premiere.

MARKET SEGMENT

P

Processing  
French fries

First early variety for the French fries industry with early a good yield.

- ▶ Early delivery straight from the field
- ▶ High dry matter content
- ▶ Good drought tolerance



## CHARACTERISTICS

### General characteristics

**Breeder:** Precardi  
**Crossing:** CIVA x PROVITA  
**Seedling:** Brands 68-15  
**Breeder rights:** Expired

### Plant and tuber characteristics

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

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

### Sensitivity and quality

**Dormancy:** quite short / 5  
**Metribuzin:** sensitive / 5  
**Bentazon:** quite sensitive / 6  
**Ethylene:** - / -

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

**Underwater weight:** 416  
**Dry matter content:** 22,4%  
**Dry matter distribution:** good / 7,5  
**TGA - level:** 2,8

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



[www.agrico.nl/en/premiere](http://www.agrico.nl/en/premiere)

# HOW TO GROW

## Fertilization<sup>1</sup>

**Nitrogen:** standard advice.

**Phosphate:** standard advice.

**Potassium:** standard advice + 10%.

<sup>1</sup> 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: 27 cm (50,000 plants/ha)

35/55 mm: 33 cm (40,000 plants/ha)

## Weeds

After emerge, a standard use of metribuzin (Sencor) gives a severe foliage reaction and some 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. For processing purposes, do not store below 7 °C. Suitable for delivery straight from the field or short term storage.



Say potato,  
say **Agrico.**

## Resistances

**Golden nematode Ro 1/4:** resistant / 9

**Golden nematode Ro 2/3:** - / -

**White nematode Pa 2:** - / -

**White nematode Pa 3:** - / -

**Late blight-foliage:** very susceptible / 4

**Late blight-tuber:** slightly susceptible / 6

**Common scab:** very susceptible / 4,5

**Powdery scab:** susceptible / 5

**Fusarium:** slightly susceptible / 6

**Erwinia:** susceptible / 5

**Black dot:** - / -

**Spraing:** slightly to not susceptible / 8

**Virus - Leaf Roll:** slightly susceptible / 6

**Virus - A:** slightly to not susceptible / 9

**Virus - X:** slightly to not susceptible / 8

**Virus - Yn:** susceptible / 5,5

**Virus - Yntn:** slightly susceptible / 7,5

**Wart disease F1:** resistant / 10

**Wart disease F6:** - / -

**Wart disease F18:** - / -