

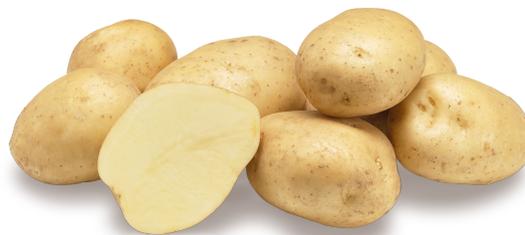
Premiere.



Processing

Premiere is widely used for early french fries and chip production.

- ▶ **Market outlet: chipping, processing & organic**
- ▶ **Maturity: early maincrop**
- ▶ **Storage: low dormancy**



characteristics

General characteristics

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

Plant and tuber characteristics

Maturity: first early / 8
 Light sprout colour: red violet / RV
 Flower colour: white / W
 Number of berries: very high / 4
 Foliage - initial development: fast / 8
 Foliage - final development: quite good / 7,5
 Foliage - firmness: average / 6
 Foliage - selectability: average / 6,5
 Skin colour: yellow / Y
 Flesh colour: light yellow / 6
 Skin finish: good / 7
 Tuber shape: oval round / OR
 Regularity of tuber shape: quite regular / 6
 Tuberisation: quite high / 7
 Tuber size: average / 6,5
 Regularity of size: quite regular / 6
 Dormancy: quite short / 5

Sensitivity and quality

Secondary growth: slightly sensitive / 7
 Black spot (internal bruising): quite sensitive / 6
 Growth cracks: quite sensitive / 6
 Harvest damage: quite sensitive / 6
 Metribuzin - pre-emergence: sensitive / 5
 Metribuzin - post-emergence: sensitive / 5
 Bentazon: quite sensitive / 6
 Ethylene: - / -
 Underwater weight: 416
 Dry matter content: 22,4%
 Cooking type: floury / BC
 Discolouration after cooking: quite sensitive / 6,5
 Raw discolouration: sensitive / 5,5
 Fries quality: above average / 6,5
 Dry matter distribution: good / 7,5
 Crisping quality: unsuitable / 5
 TGA-level: 2,8
 Carvone oil: 5% to 15% more tubers / 6
 Dormancy: quite short / 5



How to grow

Fertilization and seed treatment ¹

Nitrogen: standard advice.

Phosphate: standard advice.

Potassium: standard advice + 10%.

Seed treatment

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

Planting distance

28/35 mm: 27 cm (50.000 plants/ha)

35/55 mm: 33 cm (40.000 plants/ha)

Weeds

A standard use of metribuzin (Sencor), before or after emerge, 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 temperature - Storage time

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.



Resistances

Virus - Leaf roll: slightly susceptible / 6

Virus - Yn: susceptible / 5,5

Virus - Yntn (tuber): slightly susceptible / 7,5

Spraing: slightly to not susceptible / 8

Late blight - foliage: very susceptible / 4

Late blight - tuber: slightly susceptible / 6

Fusarium: slightly susceptible / 6

Common scab: very susceptible / 4,5

Powdery scab: susceptible / 5

Virus - A: slightly to not susceptible / 9

Say potato,
say **Agrico.**

Virus - X: slightly to not susceptible / 8

Black dot: - / -

Erwinia: susceptible / 5

Wart disease F1: resistant / 10

Wart disease F6: - / -

Wart disease F18: - / -

Golden nematode Ro 1/4: resistant / 9

Golden nematode Ro 2/3: - / -

White nematode Pa 2: - / -

White nematode Pa 3: - / -