

# Russet Burbank.

MARKET SEGMENT

**P**  
Processing  
French fries

Maincrop, grown worldwide, white-fleshed French fries variety for the fast food industry (QSR).

- ▶ Long and large tubers
- ▶ High dry matter content
- ▶ Good storability



## CHARACTERISTICS

### General characteristics

**Breeder:** -  
**Crossing:** BURBANK MUTANT  
**Seedling:** -  
**Breeder rights:** Expired

### Plant and tuber characteristics

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

**Flesh colour:** white / 4,5  
**Skin colour:** russet  
**Skin finish:** russet / 3  
**Tuber size:** quite large / 7,5  
**Tuber shape:** long  
**Regularity of tuber shape:** quite regular / 6  
**Tuberisation:** average / 6  
**Regularity size:** regular / 7

### Sensitivity and quality

**Dormancy:** long / 8  
**Metribuzin:** slightly to not sensitive / 8  
**Bentazon:** - / -  
**Ethylene:** - / -

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

**Underwater weight:** 454  
**Dry matter content:** 24,3%  
**Dry matter distribution:** excellent / 8  
**TGA - level:** -

**Crisping quality:** average / 6  
**Fries quality:** very good / 7,5  
**Cooking type:** floury / C  
**Raw discolouration:** quite sensitive / 6  
**Discolouration after cooking:** quite sensitive / 6



# HOW TO GROW

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

## 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 once is optional. Proper pre-sprouting after taking off the top sprout can give a positive result on the tuber set. A short heat shock or proper pre-sprouting is recommended.

## Planting distance

28/35 mm: 22 cm (60,500 plants/ha)

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

50/55 mm: 33 cm (40,000 plants/ha)

## Weeds

After emerge, a standard use of metribuzin (Sencor) doesn't give foliage reaction or 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

For processing purposes, do not store below 7 °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:** very susceptible / 4

**Late blight-tuber:** slightly susceptible / 7

**Common scab:** slightly susceptible / 6

**Powdery scab:** - / -

**Fusarium:** susceptible / 5

**Erwinia:** slightly susceptible / 6

**Black dot:** - / -

**Spraing:** susceptible / 5

**Virus - Leaf Roll:** very susceptible / 4

**Virus - A:** slightly susceptible / 6

**Virus - X:** very susceptible / 4

**Virus - Yn:** very susceptible / 4

**Virus - Yntn:** - / -

**Wart disease F1:** resistant / 10

**Wart disease F6:** - / -

**Wart disease F18:** - / -