# Twister.

A second early ware variety for conventional and organic cultivation with a good yield and resilient to late blight in foliage and tuber.

- Beautiful appearance
- Good storability
- Rather firm cooking







Organic

**Retail** Fresh

Traditional



## characteristics

#### **General characteristics**

Breeder: G.W. te Winkel

Crossing: ARG 96-0739 x AR 02-9113

Breedersright: 31-12-2048 Seedling: TW 08-1507

#### Plant and tuber characteristics

Maturity: second early / 7

**Light sprout colour:** red violet / RV **Flower colour:** light purple / LP

Number of berries: above average / 5,5
Foliage - initial development: quite fast / 7
Foliage - final development: quite good / 7,5

Foliage - firmness: quite firm / 7

Skin colour: yellow / Y

Flesh colour: light yellow / 6,5

Skin finish: good / 7

Tuber shape: round oval / RO

Regularity of tuber shape: regular / 7

**Tuberisation**: average / 6,5 **Tuber size**: quite large / 7

Regularity of size: quite regular / 6,5

Dormancy: quite long / 7

### Sensitivity and quality

Secondary growth: quite sensitive / 6,5

Black spot (internal bruising): slightly to not sensitive

/ 8

**Growth cracks:** quite sensitive / 6,5 **Harvest damage:** slightly sensitive / 7

Metribuzin - pre-emergence: very sensitive / 3
Metribuzin - post-emergence: very sensitive / 3

**Bentazon:** quite sensitive / 6 **Ethylene:** 5% fewer tubers / 4

Underwater weight: 345
Dry matter content: 19%
Cooking type: rather firm / AB

**Discolouration (after cooking):** quite sensitive / 6,5

Raw discolouration: quite sensitive / 6

Fries quality: unsuitable / 5
Dry matter distribution: - / Crisping quality: unsuitable / 4

TGA-level: 5,63



## How to grow

#### Fertilization <sup>1</sup>

Nitrogen: standard advice + 20%. Phosphate: standard advice. Potassium: standard advice.

#### Seed treatment

Can be planted directly out of the cold store, preferably after a short heat shock.Desprouting once is optional.

#### **Planting distance**

28/35 mm: 22 cm (60.500 plants/ha) 35/50 mm: 25 cm (54.000 plants/ha)

#### <sup>1</sup> Level of fertilization is based on soil analysis.

#### Weeds

Do not use metribuzin (Sencor), as it gives a severe foliage reaction and a serious 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 two weeks after haulm killing before harvest.

#### Storage - .

Preferred storage temperature is 6 °C. Suitable for medium to long term storage.



#### Resistances

Virus - Leaf roll: - / -

Virus - Yn: slightly to not susceptible / 8

Virus - Yntn (tuber): slightly to not susceptible / 8

Spraing: slightly susceptible / 6

Late blight - foliage: slightly to not susceptible / 9 Late blight - tuber: slightly to not susceptible / 9

Fusarium: slightly susceptible / 6 Common scab: slightly susceptible / 6



Powdery scab: susceptible / 5

Black dot: slightly susceptible / 7

Wart disease F1: moderately susceptible / 8

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: - / -

