

# Chester (AR 13-2694).



**Processing**  
Crisps  
Flakes

A second early crisping potato variety with G. pallida resistance, uniform tuber size, good dry matter content and good tolerance against bruising.

- ▶ **High yield and good tuberisation**
- ▶ **Good crisping quality, also after long term storage**
- ▶ **Suitable for flakes**



## characteristics

### General characteristics

Breeder: Agrico Research B.V.

Crossing: AR 07-4052 x ALICANTE

Seedling: AR 13-2694

### Plant and tuber characteristics

Maturity: early maincrop / 6

Light sprout colour: - / -

Flower colour: white / W

Number of berries: - / -

Foliage - initial development: fast / 8

Foliage - final development: good / 8

Foliage - firmness: quite firm / 7,5

Skin colour: yellow / Y

Flesh colour: light yellow / 6,5

Skin finish: quite poor / 5

Tuber shape: oval round / OR

Regularity of tuber shape: quite regular / 6,5

Tuberisation: average / 6,5

Tuber size: quite large / 7

Regularity of size: quite regular / 6,5

Dormancy: quite short / 5

### Sensitivity and quality

Secondary growth: quite sensitive / 6

Black spot (internal bruising): slightly sensitive / 7,5

Growth cracks: slightly sensitive / 7

Harvest damage: sensitive / 5

Metribuzin - pre-emergence: sensitive / 5

Metribuzin - post-emergence: quite sensitive / 6,5

Bentazon: - / -

Ethylene: 5% to 15% more tubers / 6

Underwater weight: 446

Dry matter content: 24%

Cooking type: floury / C

Discolouration (after cooking): slightly sensitive / 7

Raw discolouration: very sensitive / 4,5

Fries quality: - / -

Dry matter distribution: average / 6

Crisping quality: good / 7

TGA-level: 10,9


[www.agricopotatoes.com](http://www.agricopotatoes.com)

# How to grow

## Fertilization <sup>1</sup>

**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

30/40 mm: 25-27 cm (51.000 plants/ha)  
 40/50 mm: 30-32 cm (43.000 plants/ha)  
 50/60 mm: 35 cm (38.000 plants/ha)

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

## Weeds

A standard use of metribuzin (Sencor), before or after emerge, 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 9 °C. Suitable for medium term storage.



Say potato,  
say **Agrico.**

## Resistances

**Virus - Leaf roll:** - / -

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

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

**Spraing:** susceptible / 5

**Late blight - foliage:** susceptible / 5

**Late blight - tuber:** susceptible / 5,5

**Fusarium:** susceptible / 5

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

**Powdery scab:** - / -

**Black dot:** - / -

**Wart disease F1:** resistant / 10

**Wart disease F6:** - / -

**Wart disease F18:** - / -

**Golden nematode Ro 1/4:** moderately susceptible\* / 5\*

**Golden nematode Ro 2/3:** moderately susceptible / 5

**White nematode Pa 2:** field resistant\* / 7\*

**White nematode Pa 3:** field resistant / 8