

# Arizona.

MARKET SEGMENT



A second early ware variety, producing high yields under various climatic conditions.

- ▶ Uniform tuber shape and size
- ▶ Good drought tolerance
- ▶ Multiple virus resistances



## CHARACTERISTICS

### General characteristics

**Breeder:** Agrico Research B.V.

**Crossing:** UK 150-19D22 x MASCOTTE

**Seedling:** AR 98-0313

**Breeder rights:** 31-12-2040

### Plant and tuber characteristics

**Maturity:** second early / 6,5

**Light sprout colour:** red violet

**Flower colour:** white

**Number of berries:** below average / 5

**Foliage: - initial development:** quite fast / 7

**Foliage: - final development:** good / 8

**Foliage: - selectability:** average / 6,5

**Foliage: - plant firmness:** average / 6

**Flesh colour:** light yellow / 6

**Skin colour:** yellow

**Skin finish:** good / 7

**Tuber size:** large / 8

**Tuber shape:** oval

**Regularity of tuber shape:** regular / 7,5

**Tuberisation:** average / 6

**Regularity size:** regular / 7

### Sensitivity and quality

**Dormancy:** average / 6

**Metribuzin:** sensitive / 5

**Bentazon:** slightly sensitive / 7

**Ethylene:** 15% to 25% more tubers / 7

**Secondary growth:** slightly sensitive / 7

**Growth cracks:** slightly sensitive / 7

**Black spot (internal bruising):** slightly sensitive / 7

**Harvest damage:** slightly sensitive / 7

**Underwater weight:** 301

**Dry matter content:** 17%

**Dry matter distribution:** - / -

**TGA - level:** 4,2

**Crisping quality:** unsuitable / 4

**Fries quality:** unsuitable / 4

**Cooking type:** rather firm / AB

**Raw discolouration:** - / -

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



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

# HOW TO GROW

## Fertilization<sup>1</sup>

**Nitrogen:** standard advice - 10%.

**Phosphate:** standard advice.

**Potassium:** standard advice.

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

## Seed treatment

Desprouting more than once can have a negative impact on yield and size regularity.

## Planting distance

28/35 mm: 27 cm (50,000 plants/ha)

35/55 mm: 30 cm (45,000 plants/ha)

## Weeds

After emerge, don't use metribuzin (Sencor), as it gives a severe foliage reaction and a serious 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 4 °C. Suitable for medium 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:** susceptible / 5

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

**Powdery scab:** very susceptible / 2

**Fusarium:** slightly susceptible / 6

**Erwinia:** slightly susceptible / 6

**Black dot:** very susceptible / 4

**Spraing:** susceptible / 5

**Virus - Leaf Roll:** - / -

**Virus - A:** - / -

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

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

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

**Wart disease F1:** resistant / 10

**Wart disease F6:** quite susceptible / 6

**Wart disease F18:** - / -