

## Next Generation potential

**Aztec Gold** (ARD 10-5206).

Maincrop diploid retail speciality with an orange flesh colour, a relatively high dry matter content and with late blight resistance in foliage and tuber.

- ▶ Uniform tuber size
- ▶ Suitable for different dishes
- ▶ Good dormancy

## MARKET SEGMENT

**CHARACTERISTICS****General characteristics**

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

**Crossing:** ARD 04-4433 x ARD 03-2128

**Seedling:** ARD 10-5206

**Breeder rights:** Pending

**Plant and tuber characteristics**

**Maturity:** maincrop / 5

**Light sprout colour:** -

**Flower colour:** white

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

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

**Foliage: - final development:** quite good / 7,5

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

**Foliage: - plant firmness:** quite firm / 7,5

**Flesh colour:** orange / 8,5

**Skin colour:** yellow

**Skin finish:** above average / 6,5

**Tuber size:** average / 6,5

**Tuber shape:** oval

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

**Tuberisation:** average / 6

**Regularity size:** quite regular / 6

**Sensitivity and quality**

**Dormancy:** long / 8

**Metribuzin:** sensitive / 5

**Bentazon:** - / -

**Ethylene:** - / -

**Secondary growth:** quite sensitive / 6,5

**Growth cracks:** quite sensitive / 6,5

**Black spot (internal bruising):** slightly to not sensitive / 8

**Harvest damage:** slightly sensitive / 7

**Underwater weight:** 395

**Dry matter content:** 21,4%

**Dry matter distribution:** - / -

**TGA - level:** 1,3

**Crisping quality:** above average / 6,5

**Fries quality:** good / 7

**Cooking type:** rather floury / B

**Raw discolouration:** slightly to not sensitive / 8

**Discolouration after cooking:** slightly sensitive / 7,5

# HOW TO GROW

## Fertilization<sup>1</sup>

**Nitrogen:** standard advice + 5%.

**Phosphate:** standard advice.

**Potassium:** standard advice + 20%. Cautious application of Potassiumchloride is recommended as it affects the dry matter content of the tubers.

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

## Seed treatment

Proper pre-sprouting after taking off the top sprout can give a positive result on the tuber set.

## Planting distance

28/35 mm: 20 cm (67,000 plants/ha)

35/55 mm: 25 cm (54,000 plants/ha)

## Weeds

After emerge, don't 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 three weeks after haulm killing before harvest.

## Storage

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



Say potato,  
say **Agrico**.

## Resistances

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

**Golden nematode Ro 2/3:** - / -

**White nematode Pa 2:** - / -

**White nematode Pa 3:** - / -

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

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

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

**Powdery scab:** - / -

**Fusarium:** very susceptible / 4

**Erwinia:** - / -

**Black dot:** - / -

**Spraing:** slightly to not susceptible / 8

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

**Virus - A:** - / -

**Virus - X:** - / -

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

**Virus - Yntn:** - / -

**Wart disease F1:** - / -

**Wart disease F6:** - / -

**Wart disease F18:** - / -

\* Results marked with an asterisk (\*) are based on our own research, and are not yet officially published